KX-T336 SYSTEM

TELEPHONE COMPANY and
FCC REQUIREMENTS AND RESPONSIBILITIES

In compliance with the requirements of Part 68 of the FCC Rules and Regulations for connection of terminal system (this device is classified as terminal system) to the telephone network and for your convenience, the following information is presented:

1. Notification to the Telephone Company

Customers connecting terminal equipment to the telephone network shall, upon request of the Telephone Company, inform the Telephone Company of the particular line(s) to which such connection is made, the FCC registration number and (See label on bottom of unit.) ringer equivalence number of the registered terminal equipment.

The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the REN's of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, your should contact your local telephone company to determine the maximum REN for your calling area.

2. Direct connection to A Party-line or Coin-operated telephone Line is Prohibited

3. Incidence of Harm to The Telephone Lines

Should Terminal Equipment cause harm to the Telephone Network, the Telephone Company shall, where practical, notify the customer that temporary discontinuance of service may be required. However, where prior notice is not practical, the Telephone Company may temporarily discontinue service forthwith, if such action is reasonable in the circumstances. In case of such unnotified temporary discontinuance of service, the Telephone Company shall:

(a) Promptly notify the customer of such temporary discontinuance of service.
(b) Afford the customer the opportunity to correct the situation which gave rise to the temporary discontinuance.
(c) Inform the customer of the right to bring a complaint to the Commission pursuant to the procedures set out in Subpart E of Part 68 of FCC Telephone Equipment Rules.

4. Compatibility of The Telephone Network and Terminal Equipment

(a) Availability of telephone interface information.

Technical information concerning interface parameters and specifications not specified in FCC Rules, including the number of Ringers which may be connected to a particular telephone line, which is needed to permit Terminal Equipment to operate in a manner compatible with Telephone Company communications facilities, shall be provided by the Telephone Company upon customer's request.

(b) Changes in Telephone Company Communications Facilities, Equipment, Operations and Procedures.

The Telephone Company may make changes in its communications facilities, equipment, operations or procedures, where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations in FCC Part 68 of the FCC Rules and Regulations. If such changes can be reasonably expected to render any customer Terminal Equipment incompatible with Telephone Company Communications Facilities, or require modification or alteration of such Terminal Equipment, or otherwise materially affect its use or performance, the customer shall be given adequate notice in writing, to allow the customer an opportunity to maintain uninterrupted service.

OTHERS

- Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps, motors and television. These noise sources can interfere with the performance of the EASA-PHONE.

- This unit should be kept free of dust, moisture, high temperature and vibration, and should not be exposed to direct sunlight.

- Never attempt to insert wires, pins, etc. into the vents or other holes of this unit.

- If there is trouble, disconnect the unit from the telephone line. Plug the telephone directly into the telephone line. If the telephone operates properly, do not reconnect the unit to the line until the trouble has been repaired by an authorized Panasonic Factory Service Center. If the telephone does not operate properly, chances are that the trouble is in the telephone system, and not in the unit.

- Do not use benzine, thinner, or similar solvents. Do not use abrasive powder to clean the cabinet. Wipe it with a soft cloth.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

IMPORTANT SAFETY INSTRUCTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.

2. Follow all warnings and instructions marked on the product.

3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

4. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.

5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.

6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation unless proper ventilation is provided.

7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.

8. This product is equipped with a three wire grounding type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding type plug.

9. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by persons walking on it.

10. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

11. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

12. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified serviceman when some service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.

13. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

   A. When the power supply cord or plug is damaged or frayed.
   B. If liquid has been spilled into the product.
   C. If the product has been exposed to rain or water.
   D. If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
   E. If the product has been dropped or the cabinet has been damaged.
   F. If the product exhibits a distinct change in performance.

14. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

15. Do not use the telephone to report a gas leak in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

SAFETY INSTALLATION INSTRUCTIONS

When installing telephone wiring, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following;

1. Never install telephone wiring during a lightning storm.

2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

4. Use caution when installing or modifying telephone lines.

A. Overview

1.00 The Structure of This Manual

Introduction
This system reference manual provides general technical information on Panasonic KX-T336 system.
This includes a description of the system, its hardware and software, features and service, environmental requirements.
This manual is intended to serve as an overall technical reference for the system.

Organization
This manual is comprised of the following 19 sections.

Section 1 System Outline
This section describes the overall information of the system and the construction of this Service Reference Manual.

Section 2 Installation
This section describes how to install and start up the system.

Section 3 System Features and Operation
This section describes the basic system features.

Section 4 Station Features and Operation (PITS)
This section describes the basic features and operations from the viewpoint of Proprietary Integrated Telephone System (PITS) users.
The basic features and required operations for DSS console are also described.

Section 5 Station Feature and Operation (SLT)
This section describes the basic features and operations from the viewpoint of Single Line Telephone (SLT) users.

Section 6 Station Feature and Operation (ATT)
This section describes the basic features and operations from the viewpoint of the Attendant Console (ATT) Operator.

Section 7 Preparation for Programming and Operation (VT220 and Compatibles)
This section describes the basic usage and available functions of VT220 and Compatibles.

Section 8 Preparation for Programming and Operation (Dumb)
This section describes the basic usage and command reference of Dumb terminal.

Section 9 System Programming (VT220 and Compatibles)
This section provides information for the programming of the system database using VT220 and Compatibles.

Section 10 System Programming (Dumb)
This section provides information for the programming of the system database using Dumb terminal.

Section 11 System Programming (PITS)
This section provides information for a certain programming of the system database using PITS telephone.

Section 12 Station Programming (PITS)
This section provides information for the programming of various features specific to each PITS telephone and DSS console using PITS telephone.

Section 13 Station Programming (ATT)
This section provides information for the programming and the back-up of the attendant console database using the attendant console.

Section 14 Maintenance (VT220 and Compatibles)
This section describes the information necessary for monitoring, testing, and maintaining the system using VT220 and Compatibles.

Section 15 Maintenance (Dumb)
This section describes the information necessary for monitoring, testing, and maintaining the system using Dumb terminal.

Section 16 Backup Utility-On-Site
This section provides the information for saving and loading of the system programming data (including attendant console database) at on-site.

Section 17 Backup Utility-Remote Location
This section provides the information for saving and loading the system programing data (including attendant console database) from a remote location.

Section 18 Abbreviations
This section provides a list of abbreviations used in this manual.

Section 19 Index

3.00 System Description

The system can consist of one, two, or three shelves (Basic and Expansion 1, 2) and Attendant Console. Each shelf contains its own power supply.
Basic shelf is always required and it can be equipped with up to 96 lines (including Extensions and CO lines).

Building Block System

Useful to enlarge system's ability by installing the optional Expansion Shelf.
Up to two Expansion Shelves can be installed to the system.
Each expansion shelf can be equipped with up to 120 lines (including Extensions and CO lines).

Flexible Ports

Up to 336 lines (including Extensions and CO lines) can be connected with this system.
However Extensions (including DSS consoles) must be 288 lines or less and CO lines must be 144 lines or less.

Up to two Attendant Consoles (option-with CRT display) can be connected to the system if ATLC card is equipped with this system.
Attendant Console can be used for call processing and system programming in interactive format.
Switched Loop Attendant Console Operation makes the handling of incoming calls more efficient than conventional system.

Starting up the System Administration and Maintenance of this system can be done using VT220 (VT100), Compatibles, Dumb terminal or Attendant Console.

Not only Panasonic Proprietary Integrated Telephones (PITS) but Single Line Telephones (SLT) can be used as Extension Telephones in this system.

4.00 Communications Needs

To meet the user's communications needs, this system provides the following features.

Outgoing Call Features

Toll Restrictions allow the manager to restrict extension users from making certain types of calls.
Restriction is administered through outward restriction, toll restriction, and ARS restriction.

Automatic Route Selection (ARS) provides for the routing of calls over the telecommunication network based on preferred routes (normally the least expensive route available at the time the call is made) with capacity for multiple common carriers.

Receiving Features

Direct Inward Dialing (DID) allows outside parties to reach specific inside parties or facilities by direct dialing without attendant assistance.

Direct Inward System Access (DISA) allows the outside parties to dial directly into this system and access to certain system's features and facilities without attendant assistance.
After gaining access to the system, the outside party can access certain system's features by dialing the appropriate feature number.

Uniform Call Distribution (UCD) allows incoming calls to be distributed uniformly to a specific group of extensions. Calls to a UCD group hunt for an idle extension in a circular way, starting at the extension following the last one called.

Intercept Routing-No Answer allows calls that are not answered within a specified time set period to be redirected to an individual covering extension and/or an attendant console.

Station Hunting provides automatic redirection of incoming calls to pre-assigned extension of a hunting group in a circular way or one way when the called party is busy.

Holding Features

Hold allows an extension user to suspend a call. This feature allows users to temporarily disconnect from one conversation and either make or answer another call. Music on-hold or message may be provided to the held party if available.

Call Park allows a user to place a call on hold, then pick up the call at any station in the system. The user can page another party to pick up the parked call or may move to another location and then re-access the call.

Transferring Features

Transfer allows a user to transfer any call to another party.
This feature supports transfer of calls from the called party to another party for completion of a transaction.

Call Forwarding allows users who are away from their phones to receive calls at another phone. This feature supports roving personnel and shared office space or company staff.

Conversation Features

Conference allows up to 3 parties (maximum two outside parties), including the originator, to join a call.

Paging Features

Paging allows extension users to make announcement through built-in speaker of Proprietary Integrated Telephone (PITS) and/or external Pager Equipments.

Other Features

Station Message Detail Recording (SMDR) generates detailed call information on all CO calls and sends this information to the printer. SMDR also generates detailed data on Error Log Records, System Programming Data and Traffic Information.

Off Premise Extension (OPX) allows Single Line Telephones (SLT) installed off the premises can be operated via a public or private network in exactly the same way as extension on the premise.

Account Code Entry allows a user to associate calls with an account code for charge-back purposes.

No.	Item	Maximum number	per system/ station
1	Tenant	2	system
2	Operator	2	tenant
3	Speed Dialing-System	200	system
4	Speed Dialing-Station/SLT	10	station
5	One Touch Dialing-Station/PITS	23	station
6	Call Park Area	20	system
7	Programmable Absent Message	10	system
8	Trunk Group	16	system
9	Equal Access Group	4	system
10	OCC Access Group	4	system
11	Toll Restriction Level	16	system
12	Paging Group	8	system
13	ICM Group	8	system
14	Pickup Group	32	system
15	UCD Group	32	system
16	Class of Service	32	system
17	Primary DN (PDN)	3	station
18	Message Waiting	500	system

Station Features and Operation

Single Line Telephone (SLT)

Contents

Nonstop servis TELEFONNÍ ÚSTŘEDNY
volejte dispečink tel. 606 193 950
PanaTEL® je specialistou na telefonní ústředny,
komunikační systémy Panasonic
www.PanaTEL.cz

A. Outgoing Call Features

1.00 Making Outside Calls

1.01 Local Trunk Dial Access

Description

Allows extension users to make outgoing CO calls by automatic selection of an idle CO line.
Dialing the feature number for ARS/Local CO Line Access" enables you to execute this function.

To activate this feature, set "System-Operation", Automatic Route Selection to "No." If set to "Yes, " ARS feature is activated instead of this feature. Refer to Section 3-C-2.00 "Automatic Route Selection (ARS)" for further information.

Programming

System Programming	Reference	
	VT	Dumb
"System-Operation (1/3)", Automatic Route Selection	9-D-1.01	10-C-4.00
"System-Local Access Group", Hunt Sequence	9-D-5.00	10-C-9.00
"System-Numbering Plan (2/9)", ARS/Local CO Line Access	9-D-6.02	10-C-10.00

Conditions

An idle CO line available and hunting sequence is determined by the system programming "System-Local Access Group", Hunt Sequence.

If an extension user hears busy tone, there is no idle CO line available.

If an extension user hears reorder tone, the user is restricted from accessing this feature.
Refer to Section 3-C-1.01 "Toll Restriction for Local Trunk Dial Access," for further information.

If tenant service is activated, accessible trunk group is limited to the trunk groups within the same tenant.

The dialing plan followed is that of the trunk group in hunt sequence 01 in "System-Local Access Group."

Operation

1. Lift the handset .

   • You hear dial tone 1 or 3 or 4.

2. Dial the feature number for "ARS/Local CO Line Access."

   • You hear dial tone 1."

3. Dial the telephone number of the outside party.

1.02 Individual Trunk Group Dial Access

Description

Allows extension users to make outgoing CO calls via an idle CO line in the specified trunk group by dialing the feature number for "Trunk Group 01-08 Access" or "Trunk Group 09-16 Access."

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (2/2)", Trunk Group Access	9-D-4.02	10-C-8.00
"System-Numbering Plan (2/9)", Trunk Group 01-08 Access Trunk Group 09-16 Access	9-D-6.02	10-C-10.00

Conditions

Trunk groups to be specified are limited to the ones assigned in "System-Class of Service", Trunk Group Access.

If an extension user hears busy tone, all CO lines in the specified trunk group are not available.

If an extension user hears reorder tone, the user is restricted from accessing the specified trunk group.
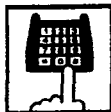Refer to Section 3-C-1.03 "Toll Restriction for Individual Trunk Group Dial Access/Direct Trunk Access," for further information.

Operation

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.

2-1 Specifying any one of trunk groups 01 to 08

   1) Dial the feature number for "Trunk Group 01-08 Access."
   2) Dial the trunk group specifying number : 1 to 8.

   • Trunk group specifying number matches trunk group number, as follows:

Trunk Group Specifying Number	Trunk Group Number
1	01
2	02
3	03
4	04
5	05
6	06
7	07
8	08

2-2 Specifying any one of trunk groups 09 to 16

   1) Dial the feature number for "Trunk Group 09-16 Access."
   2) Dial the trunk group specifying number : 1 to 8.

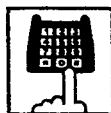   • Trunk group specifying number matches trunk group number, as follows:

Trunk Group Specifying Number	Trunk Group Number
1	09
2	10
3	11
4	12
5	13
6	14
7	15
8	16

3. Dial the telephone number of the outside party.

1.03 Individual Virtual Trunk Group Dial Access

Description

Allows extension users to make outgoing CO calls using Special Carrier Facilities by simply dialing the feature number for "Trunk Group 17-24 Access."
Detailed data, such as access codes and authorization codes, required to Special Carrier Access must be programmed beforehand in "Special Carrier Access" screen.
Trunk groups available for Special Carrier Access is also defined in the same screen.

Special carriers available for each extension user is defined in "System-Class of Service (2/2)" Special Carrier Access.

It is programmable to restrict Special Carrier Access on system-wide basis.
Refer to Section 10-C-52.00 "World Select 2-EQU/OCC Access Assignment" for further information.

Programming

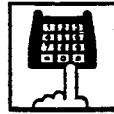| System Programming	Reference	
	VT	Dumb
"System-Class of Service (2/2)", Special Carrier Access	9-D-4.02	10-C-8.02
"System-Numbering Plan (2/9)", Trunk Group 17-24 Access	9-D-6.02	10-C-10.00
"Special Carrier Access-Equal Access/OCC Access",	9-H-1.00	10-C-30.00
	9-H-2.00	10-C-31.00
"World Select 2"	—	10-C-52.00

Conditions

None

Operation

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.

2. Dial the feature number for "Trunk Group 17-24 Access."

3. Dial the virtual trunk group specifying number : 1 to 8.

   • Virtual trunk group number matches virtual trunk group specifying number and digit modification table number (Equal access table number 1 to 4, OCC access table number 1 to 4 which should be assigned beforehand), as follows:

Virtual Trunk Group Number	Virtual Trunk Group Specifying Number	Digit Modification Table Number
17	1	Equal access 1
18	2	table number 2
19	3	3
20	4	4
21	5	OCC access 1
22	6	table number 2
23	7	3
24	8	4

4. Dial the telephone number of the outside party.

2.00 Automatic Dialing

2.01 Speed Dialing-Station

Description

Allows SLT telephone users to program frequently dialed telephone numbers (both extension and outside numbers) in the Speed Dialing code (0 to 9 : dedicated to each SLT telephone user) by dialing the feature number for "Speed Dialing-Station Programming."
To make a call using pre-assigned Speed Dialing code, dial the feature number for "Speed Dialing-Station" and appropriate Speed Dialing code (0 to 9).

Up to 10 codes can be registered for each SLT telephone.

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (2/9)", Speed Dialing-Station	9-D-6.02	10-C-10.00
"System-Numbering Plan (7/9)", Speed Dialing-Station Programming	9-D-6.07	10-C-10.00

Conditions

To register the outside number in a speed dialing code, the feature number for selecting a CO line must be registered as leading digits.

When calling an outside party automatically:

9 - 411 - 3209

L― Feature number for "ARS/Local CO Line Access"

When calling an outside party by specifying the trunk group:

811 - 411 - 3209

L― Feature number for "Trunk Group 01-08 Access" or
Feature number for "Trunk Group 09-16 Access" or
Feature number for "Trunk Group 17-24 Access"

Each stored number can have up to 16 digits including CO line access code.
Numbers from "0 to 9" and "*" can be registered.
To store "PAUSE," dial "* *."

When SLT is connected with HLC card, the SLT can use One Touch Dialing and the special dials such as secret dialing etc. which are stored for PITS.
It is performed by connecting PITS with HLC card temporarily and registering One Touch Dialing by using the PITS.
In this case, One Touch Dialing codes stored on PF1 to PF10 on a PITS match speed dialing codes by SLT (Single Line Telephone), as follows:

```
     PITS                    SLT
One Touch Dialing     Speed Dialing-Station
     PF1.........................0
     PF2.........................1
     PF3.........................2
     PF4.........................3
     PF5.........................4
     PF6.........................5
     PF7.........................6
     PF8.........................7
     PF9.........................8
     PF10........................9
```

Operation

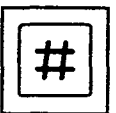**Storing the telephone number**

1. Lift the handset.

2. Dial the feature number for "Speed Dialing-Station Programming."

3. Dial the speed dialing code : 0 to 9.

4. Dial the telephone number that you want to store.

5. Dial "#."

   • You hear confirmation tone 1 or 2.
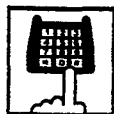
6. Replace the handset.

Executing Speed Dialing-Station

1. Lift the handset.

2. Dial the feature number for "Speed Dialing-Station."

   • No tone is heard.

3. Dial the speed dialing code: 0 to 9.

   • Registered telephone number is sent.

(Supplement)

When using a rotary telephone (pulse type), wait until you hear confirmation tone in step 5 without dialing "#."

2.02 Speed Dialing-System

Description

System Speed Dialing allows any extension user to call outside parties by dialing the feature number for "Speed Dialing-System" and a pre-assigned 3-digit code (001 to 200) common to any extension user in the system.
Up to 200 Speed Dialing Codes can be registered to the system.

The speed dialing codes are registered in "System-Speed Dialing-System" screen, and specific toll restriction level for each speed dialing code can be assigned in the same screen.
Refer to "Toll Restriction Plan for System Speed Dialing" on next page for further information.

Programming

System Programming	Reference	
	VT	Dumb
"System-Tenant", Speed Dialing-System Boundary	9-D-2.00	10-C-5.00
"System-Numbering Plan (2/9)", Speed Dialing-System	9-D-6.02	10-C-10.00
"System-Speed Dialing-System"	9-D-8.00	10-C-12.00

Conditions

If Tenant Service is employed, Speed Dialing Codes can be split by two tenants. In this case, one tenant cannot use the Speed Dialing Codes which belong to another tenant.

Each stored number can have up to 32 digits including CO line access code.
"0~9," "*," "#," "PAUSE," "FLASH," "—" and "SECRET" can be registered.

Speed Dialing and manual dialing can be used in combination. In this case, execute Speed Dialing before manual dialing.

When you register a telephone number to a System Speed Dialing Code, a feature number for selecting a CO line must be stored as leading digits.

The feature numbers for selecting a CO line are:
- ARS/Local CO Line Access
- Trunk Group 01-08 Access
- Trunk Group 09-16 Access
- Trunk Group 17-24 Access

When the mark "*" or "#" is stored in the feature number for "Speed Dialing-System," the rotary telephone users can not use this feature.
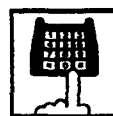
Operation

Calling an outside party using System Speed Dialing Code

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4

2. Dial the feature number for "Speed Dialing-System."

   • You hear no tone.

3. Dial the appropriate speed dialing code : 001 to 200.

   • The registered number is sent to CO line automatically.

<Toll Restriction Plan for System Speed Dialing>

The system administrator can assign Toll Restriction Level of System Speed Dialing (referred to as "TRLSD" in the following) to each code as follows.

```
| System - Speed Dialing - System
|------------------------------------------
|           System Speed Dial No. =001
+ -----------------------------------------
|  No.    |  Type  |         Dial
|---------+--------+------------------------
|  001    |   00   |  94113209
|  002    |   01   |  8114113209
|  003    |   01   |  92093182
|         |        |
```

↑

Toll Restriction Level of System
Speed Dialing (TRLSD)

TRLSD consists of 17 levels ("00" and "01 to 16") TRLSD "00" receives a treatment different from TRLSDs "01 to 16."
In TRLSD "01 to 16," "01" is the highest level and "16" is the lowest.

1. Toll Restriction Plan for System Speed Dialing Code (TRLSD=00)

   When an outgoing CO call is made by dialing a System Speed Dialing Code (TRLSD=00), extension users receive standard toll restriction treatment.

   If selected speed dialing code includes Local Trunk Dial Access code as leading digits, a call is checked against "Toll Restriction for Local Trunk Dial Access."

   If selected speed dialing code includes Individual Trunk Group Dial Access Code as leading digits, a call is checked against "Toll Restriction for Individual Trunk Group Dial Access."
   For further information about System Toll Restriction feature, refer to Section 3-C-1.00 "Toll Restriction."

2. Toll Restriction Plan for System Speed Dialing Code (TRLSD=01 to 16)

   When an extension user makes an outgoing CO call by dialing a System Speed Dialing

Code (TRLSD=01 to 16). the system compares Toll Restriction Level of Extension (TRLE) with TRLSD.

If TRLE is equal to or higher than TRLSD (TRLE≥TRLSD) a call is made, and if TRLE is lower than TRLSD (TRLE<TRLSD), a call is checked against System Toll Restriction feature.
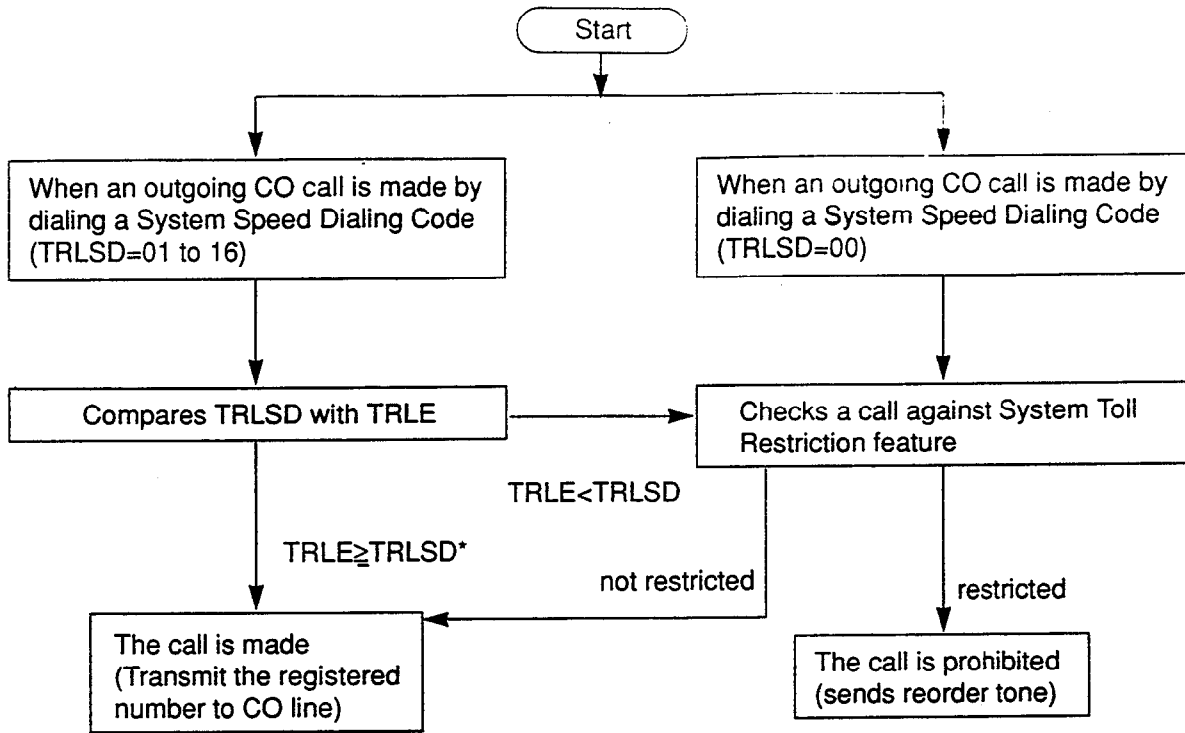For further information about TRLE, refer to Section 3-C-1.00 "Toll Restriction."

<Example>
If an extension user (TRLE=6) makes an outgoing CO call by selecting a System Speed Dialing Code (TRLSD=7), in this case, TRLE of 6 is higher than TRLSD of 7 (TRLE>TRLSD), so a call is made.

If an extension user (TRLE=6) makes an outgoing CO call by selecting a System Speed Dialing Code (TRLSD=4), in this case, TRLE of 6 is lower than TRLSD of 4 (TRLE<TRLSD), so a call is checked against the System Toll Restriction feature.

The following flowchart shows the simplified procedure of toll restriction plan for System Speed Dialing.

```
                              ┌─────────┐
                              │  Start  │
                              └────┬────┘
                                   │
          ┌────────────────────────┴────────────────────────┐
          │                                                  │
          ▼                                                  ▼
┌─────────────────────────────┐              ┌─────────────────────────────┐
│ When an outgoing CO call is  │              │ When an outgoing CO call is  │
│ made by dialing a System     │              │ made by dialing a System     │
│ Speed Dialing Code           │              │ Speed Dialing Code           │
│ (TRLSD=01 to 16)             │              │ (TRLSD=00)                   │
└──────────────┬───────────────┘              └──────────────┬───────────────┘
               │                                             │
               ▼                                             ▼
┌─────────────────────────────┐   TRLE<TRLSD  ┌─────────────────────────────┐
│  Compares TRLSD with TRLE    │──────────────▶│ Checks a call against System │
└──────────────┬───────────────┘               │ Toll Restriction feature     │
               │                                └──────┬───────────────┬──────┘
        TRLE≧TRLSD*                       not restricted          restricted
               │                                 │                     │
               ▼                                 │                     ▼
┌─────────────────────────────┐◀────────────────┘      ┌─────────────────────────────┐
│ The call is made             │                        │ The call is prohibited       │
│ (Transmit the registered     │                        │ (sends reorder tone)         │
│ number to CO line)           │                        └─────────────────────────────┘
└─────────────────────────────┘
```

$TRLE < TRLSD$

$TRLE \geqq TRLSD^{*}$

not restricted

restricted

* In this case, "Local Trunk Dial Access restriction" and "Individual Trunk Group Dial Access restriction" assigned in Class of Service are disregarded.

2.03 Last Number Redial (LNR)

Description

Automatically saves the last number dialed from an extension and allows the user to make the outgoing CO call again by simply dialing the feature number for "Redial."

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (3/9)", Redial	9-D-6.03	10-C-10.00

Conditions

Up to 32 digits except the feature number for selecting a CO line can be memorized as the last dialed number.

"✳," "#," "PAUSE," or "SECRET" are counted as one digit respectively.

The memorized telephone number is replaced automatically by a new one every time you make a new outgoing CO call and even one digit is sent to a CO line. That is, dialing a feature number for selecting a CO line only does not renew the memorized number.

Operation

Executing LNR

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.
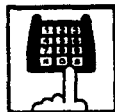
2. Dial the feature number for "Redial."

2.04 Pickup Dialing

Description

Pickup Dialing allows SLT telephone users to make calls automatically by simply lifting the handset.

To program the desired number for this feature, dial the feature number for "Pickup Dialing Programming."
To activate this feature, dial the feature number for "Pickup Dialing Set."
To cancel this feature, dial the feature number for "Pickup Dialing Cancel."

This feature works only when an extension user goes off-hook from on-hook status. Period from off-hook to Pickup Dialing is assigned in "System-System Timer", Pickup Dial Waiting.

Programming

System Programming	Reference	
	VT	Dumb
"System-System Timer", Pickup Dial Waiting	9-D-3.00	10-C-6.00
"System-Numbering Plan (6/9)", Pickup Dialing Programming Pickup Dialing Set Pickup Dialing Cancel	9-D-6.06	10-C-10.00

Conditions

It is available to override this feature temporarily by dialing another telephone number before "System-System Timer", Pickup Dial Waiting timer expires.

This feature does not function when a call is arriving or the user has a call on Consultation Hold.

UP to 32 digits can be stored as a telephone number including "0 through 9," and "✳."
To store "PAUSE," use "✳ ✳."

Operation

Storing the telephone number for Pickup Dialing

1. Lift the handset.

2. Dial the feature number for "Pickup Dialing Programming."

3. Dial the telephone number that you want to store.

   • You hear confirmation tone 1 or 2 then dial tone 1 or 3 or 4.

4. Replace the handset.

Setting or canceling Pickup Dialing

1. Lift the handset.

2-1 Setting : Dial the feature number for "Pickup Dialing Set."

2-2 Canceling : Dial the feature number for "Pickup Dialing Cancel."

   • You hear confirmation tone 1 or 2 then dial tone 1 or 3 or 4.

3. Replace the handset.

Executing Pickup Dialing

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4

2. Wait until the time preprogrammed in "System-System Timer", Pickup Dial Waiting is over.

   • The system sends the stored telephone number automatically.

Canceling Pickup Dialing temporarily

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.

2. Dial a telephone number before the time preprogrammed in "System-System Timer", Pickup Dial Waiting is over.

   • The system sends the dialed telephone number.

3.00 Making Internal Calls

3.01 Inter Office Calling

Description

Inter Office Calling allows the extension user to call another extension user within the system by dialing the directory number of extensions (three or four digits).

Programming

None

Conditions

If Tenant Service is employed, Inter Office Calling to the extension users in the other tenant (inter-tenant calling) can be enabled by programming. Refer to Section 3-B-4.00 "Tenant Service" for further information.

Operation

1. Lift the handset.

2. Dial the directory number of the other extension.

   - You hear ringback tone.
   - A directory number consists of three or four digits from 0 to 9.

3. When the other extension answers, start conversation.

4. After concluding conversation, replace the handset.

4.00 Automatic Callback

4.01 Automatic Callback-Trunk

Description

When no idle CO line is available after dialing a feature number for selecting a CO line and the telephone number of an outside party, the caller hears special busy tone, if this feature is assigned.

On-hook while hearing the special busy tone calls back the caller as soon as a CO line becomes idle: call-back ringing. Off-hook catches the CO line automatically, and sends the last dialed telephone number to the CO line.

Off-hook prior to the start of callback ringing cancels this feature.
Also no answer in four ringing tones (within 10 seconds) after the start of callback ringing cancels this feature.

To execute this feature, assign "Extension-Station", Automatic Callback-Trunk to "Yes" on an extension user basis.

Programming

System Programming	Reference	
	VT	Dumb
"Extension-Station (1/3)", Automatic Callback-Trunk	9-G-1.01	10-C-22.00

Conditions

Multiple extensions are able to set this function to one or more CO lines at the same time.
A maximum of 64 Automatic Callback-Trunk can be active in the system.

If 64 extensions already set this function to one or more CO lines, another caller's attempt to execute this setting is rejected by normal busy tone, not by special busy tone.

Even if Call Forwarding-No Answer or Do Not Disturb is assigned on the extension, the extension user can set Automatic Callback-Trunk: callback ringing starts on the extension.

Automatic Callback-Trunk cannot be set by the extension which has a call on Consultation Hold.

Operation
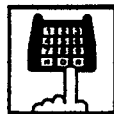
Setting Automatic Callback-Trunk

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.

2. Dial the feature number for selecting a CO line.

   • You hear dial tone 1.

3. Dial the telephone number of the outside party.

   • You hear busy tone 3.

4. Replace the handset

(Supplement)

The following four feature numbers are available for selecting a CO line:

- ARS/Local CO Line Access
- Trunk Group 01-08 Access
- Trunk Group 09-16 Access
- Trunk Group 17-24 Access

Answering callback ringing

As soon as a CO line in the specified trunk group becomes idle, callback ringing starts.

1. Lift the handset.

   • The last dialed number is sent to the line automatically and calling the other party starts.

4.02 Automatic Callback-Station

Description

If busy tone is heard when calling an extension, dialing "6" and hanging up causes Automatic Callback to the caller as soon as the called party concludes conversation.

When callback ringing for the caller starts, answering by off-hook offers calling the other party automatically.

Off-hook prior to the start of callback ringing cancels this function.
Also no answer during four ring tones after the start of callback ringing cancels this function.

Programming

None

Conditions

Up to four extensions are able to assign this function to one extension at the same time.
The fifth extension attempting to set this function is rejected by reorder tone.

If you do not dial "6" within 10 seconds after hearing busy tone, you hear reorder tone and cannot execute this feature.

Even if Call Forwarding-No Answer or Do Not Disturb is assigned to the extension, the extension user can set Automatic Callback-Station: callback starts on the extension.

Automatic Callback-Station cannot be set by the extension which has a call on consultation hold.

Operation

Setting Automatic Callback-Station

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.
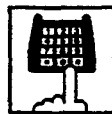
2. Dial the directory number of the other extension.

   • You hear busy tone 1 or 2.

3. Dial "6."

   • You hear confirmation tone 2, then reorder tone.

4. Replace the handset.

Answering callback ringing

As soon as the other party concludes the conversation, callback ringing starts.

1. Lift the handset .

   • You hear ringback tone. Calling the other extension starts.

5.00 Executive Busy Override

Description

Executive Busy Override allows an extension user to intrude on a busy line, and then a 3-party conversation is established. This feature is accessed by dialing "1" while hearing busy tone.

To utilize this feature, assign "System-Class of Service", Executive Busy Override to "Yes," at overriding extension.

Setting can be made by system programming "System-Operation", Beep Tone for Bsy-ovr/Brg-in to determine whether the overriding tone is be sent or not when entering into a three-person conversation.

Programming

System Programming	Reference	
	VT	Dumb
"System-Operation (1/3)", Beep Tone for Bsy-ovr/Brg-in	9-D-1.01	10-C-4.00
"System-Class of Service (1/2)", Executive Busy Override	9-D-4.01	10-C-7.00

Conditions

Executive Busy Override does not function when the other party is in the following status.

- Three-party conversation status
- OHCA conversation status
- ICM conversation status
- Private CO conversation status

Executive Busy Override does not function if any of two parties in conversation has set the followings.

- Executive Busy Override Deny
    (Refer to Section 4-D-5.00.)
- Data Line Security
    (Refer to Section 4-I-6.00.)

If you do not dial "1" within 10 seconds after hearing busy tone, you cannot execute this function.

Operation

1. Lift the handset.

    - You hear dial tone 1 or 3 or 4.

2. Dial the directory number of the other extension.

    - You hear busy tone 1 or 2.

3. Dial "1."

    - After you hear confirmation tone 3, start a three party conversation.

6.00 Do Not Disturb (DND) Override

Description

Do Not Disturb Override allows an extension to call another extension which has set Do Not Disturb.
Dialing "1" after hearing DND tone provides calling the extension.
Refer to Section 4-D-6.00 "Do Not Disturb (DND)" for further information about DND feature.

To activate this function, assign "System-Class of Service", Do Not Disturb Override to "Yes" at overriding extension.

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (1/2)", Do Not Disturb Override	9-D-4.01	10-C-7.00

Conditions

Make sure to dial "1" within 10 seconds after hearing DND tone to execute Do Not Disturb Override.

When dialing "1," if the other extension is busy, the caller hears busy tone. In this case, it is possible to assign Automatic Callback-Station. For Automatic Callback-Station, refer to Section 5-A-4.02 "Automatic Callback-Station."

If "System-Class of Service," Do Not Disturb Override is set to "No," the caller hears reorder tone after dialing "1" and cannot call the other party.

Operation

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.
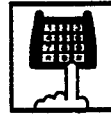
2. Dial the directory number of the other extension.

   • If the other extension sets DND (Do Not Disturb), you hear DND tone.

3. Dial "1."

   • You hear ringback tone.
   • Calling the other party starts.

7.00 Walking COS (Class of Service)

Description

Allows an extension user to call an outside party from another extension preset to a lower COS (Class of Service) by using higher COS of his or her own extension temporarily.

When an outgoing CO call is finished, COS grade of the employed extension returns to the original grade automatically.

Dialing a Walking COS Password (four digits) is required to execute this feature.

Programming

System Programming	Reference	
	VT	Dumb
"System-Operation (3/3)", Walking COS Password	9-D-1.03	10-C-5.00
"System-Tenant", Walking COS Password (Tenant 2)	9-D-2.00	10-C-5.00
"System-Numbering Plan (7/9)", Walking COS Set Walking COS Cancel	9-D-6.07	10-C-13.00

Conditions

If tenant service is employed, each tenant can have its own walking COS Password.

Operation

Setting Walking COS

From another telephone,

1. Lift the handset.
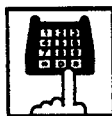
2. Dial the feature number for "Walking COS Set."
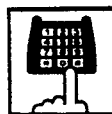
3. Dial the four-digit Walking COS Password.
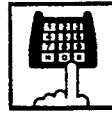
4. Dial the extension number of your own station.

   • You hear confirmation tone 2.
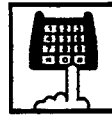
5. Call an outside party by using COS of your own station.

Canceling Walking COS

One call to an outside party after setting Walking COS cancels this function automatically.

It is also possible to cancel Walking COS without making outgoing CO calls as follows:

1. Lift the handset.

2. Dial the feature number for "Walking COS Cancel."

   • You hear confirmation tone 2.
   • COS returns to the original grade.

8.00 Operator Call

Description

Allows the extension users to call the operator by dialing the feature number for "Operator Call (General)" or "Operator Call (Specific)."

Up to two operators are assignable for the whole system. If Tenant Service is available, two operators are assignable for each tenant, that makes four operators available for the whole system.

If two operators are assigned in the system, or in a tenant (if tenant Service is employed), extension users can specify the operator (in the same tenant) by dialing the feature number for "Operator Call (Specific)."

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (2/9)", Operator Call (General) Operator Call (Specific)	9-D-6.02	10-C-10.00

Conditions

When calling an operator by dialing the feature number for "Operator Call (General)," the operator is selected according to the type of the operator's stations as shown below:

Type of Station		Operator Selected
Operator 1	Operator 2	
ATT	ATT	Operator 1 or Operator 2
ATT	EXT	Operator 1 only
EXT	EXT	Operator 1 only
ATT	—	Operator 1 only
EXT	—	Operator 1 only

When no operators are assigned, a user hears reorder tone during executing Operator Call.
For the assignment of operators, refer to Section 3-B-5.00 "Operator."

Operation

Calling an operator

1. Lift the handset.

2. Calling an operator without specifying
   1) Dial the feature number for "Operator Call (General)."

   Calling an operator by specifying
   1) Dial the feature number for "Operator Call (Specific)."
   2) Dial "1" to specify operator 1.
      Dial "2" to specify operator 2.

B. Receiving Features

1.00 Call Pickup

1.01 Dial Call Pickup

Description

Dial Call Pickup allows an extension user to answer the call that is ringing at another telephone in the same call pickup group by dialing the feature number for "Dial Call Pickup."

An extension user can be assigned to only one call pickup group.
Up to 32 call pickup groups are assignable in the whole system.

For further information about call pickup group, refer to Section 3-B-7.02 "Call Pickup Group."

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (3/9)", Dial Call Pickup	9-D-6.03	10-C-10.00

Conditions

It is possible to execute this function after holding the current call.

An extension user who has Do Not Disturb assigned can answer a call that is ringing at other extension.

This feature is not available to answer the following calls:

<1> A call ringing at an extension outside of the same call pickup group

<2> A call ringing at an extension on which Dial Call Pickup Deny is set
(Refer to Section 5-B-1.03 "Call Pickup Deny" for further information.)

<3> A call ringing on PCO button of PITS telephone

<4> A call ringing on ICM button of PITS telephone

<5> A call arriving at an extension but not ringing
(Refer to Section 3-D-3.02 "Flexible Ringing Assignment-Delayed Ringing" for further information.)

If extension users attempt to pick up the those calls, reorder tone sounds after dialing the feature number for "Dial Call Pickup."

Operation

Answering a call using Dial Call Pickup

1. Lift the handset.

2. Dial the feature number for "Dial Call Pickup."

   • After you hear confirmation tone 3, you can answer the call arriving at another telephone in the same call pickup group.
   • Start conversation.

5-B-1

1.02 Directed Call Pickup

Description

Directed Call Pickup allows any extension user to answer the call ringing at extension in any call pickup group by dialing the feature number for "Directed Call Pickup," and the directory number of ringing extension.

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (3/9)", Directed Call Pickup	9-D-6.03	10-C-10.00

Conditions

It is possible to execute Directed Call Pickup after holding the current call.

An extension user who has Do Not Disturb assigned can answer a call that is ringing at other extensions.

This feature is not available to answer the following calls:

<1> A call ringing at an extension on which Dial Call Pickup Deny is set
(Refer to Section 5-B-1.03 "Call Pickup Deny" for further information.)

<2> A call ringing on PCO button of PITS telephone

<3> A call ringing on ICM button of PITS telephone

<4> A call arriving at an extension but not ringing
(Refer to Section 3-D-3.02 "Flexible Ringing Assignment-Delayed Ringing" for further information.)

If the extension users attempt to pick up the above mentioned call, reorder tone sounds after dialing the feature number for "Directed Call Pickup."

Operation

Answering a call ringing at extension in the different call pickup group.

1. Lift the handset.

2. Dial the feature number for "Directed Call Pickup."

3. Dial the directory number of the ringing extension.

   • You hear confirmation tone 3.
   • Talk to the caller.

1.03 Call Pickup Deny

Description

Call Pickup Deny allows an extension user to prohibit the other extension users from picking up calls ringing at his or her extension by a call pickup feature (Both Dial Call Pickup and Directed Call Pickup).

To assign or cancel this function, dial the feature number for "Dial Call Pickup Deny Set" or "Dial Call Pickup Deny Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (5/9)", Dial Call Pickup Deny Set Dial Call Pickup Deny Cancel	9-D-6.05	10-C-10.00

Conditions

Even if an extension user has Call Pickup Deny assignment, he or she can execute Dial Call Pickup or Directed Call Pickup feature for calls ringing at other extensions.

Operation

Setting Call Pickup Deny

1. Lift the handset.

2. Dial the feature number for "Dial Call Pickup Deny Set."

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

Canceling Call Pickup Deny

1. Lift the handset

2. Dial the feature number for "Dial Call Pickup Deny Cancel."

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

2.00 Trunk Answer From Any Station (TAFAS)-Day Service

Description

Incoming CO calls programmed for TAFAS will ring the external pager and any extension user in the system can answer the calls by dialing the feature number for "Night Answer 1" (when a call is ringing at external pager 1) or "Night Answer 2" (when a call is ringing at external pager 2).

To activate this feature, assign "Group-Trunk Group", Incoming Mode (Day) to TAFAS 1 or TAFAS 2, and "Trunk-CO Line" Trunk Group to "1 to 16" (Trunk Group Number whose Incoming Mode (Day) is assigned as TAFAS 1 or 2). To utilize the external pager, assign "System-Operation", External Paging 1, 2" to "Yes."

Up to two external pagers can be connected to this system. TAFAS 1 is associated with external pager 1 and TAFAS 2 is associated with external pager 2.

Call handling in TAFAS is identical to UNA. The difference is that TAFAS is available in day mode and UNA is available in night mode. For further information about UNA, refer to section 5-G-1.01 "Universal Night Answer (UNA)."

Programming

System Programming	Reference	
	VT	Dumb
"System-Operation (1/3)", External Paging 1, 2	9-D-1.01	10-C-4.00
"System-Numbering Plan (3/9)", Night Answer 1 Night Answer 2	9-D-6.03	10-C-10.00
"Group-Trunk-Group (1/2)", Incoming Mode (Day)	9-E-1.01	10-C-14.00
"Trunk-CO Line", Trunk Group	9-F-1.00	10-C-18.00
"Trunk-Pager & Music Source", External Pager-Tenant	9-F-2.00	10-C-19.00

Conditions

If tenant service is employed :
The affiliation of each external pager is determined by the system programming in "Trunk-Pager & Music Source", External Pager-Tenant.
Extension users cannot answer the TAFAS call ringing at an external pager in the different tenant.

Operation

Answering incoming CO calls programmed for TAFAS

An incoming CO call is ringing at an external pager.

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.

2-1 If a call is ringing at external pager 1: Dial the feature number for "Night Answer 1."

2-2 If a call is ringing at external pager 2: Dial the feature number for "Night Answer 2."

3. Talk to the caller.

3.00 Executive Busy Override Deny

Description

Allows the extension user to prohibit other extensions from intruding on the current call using Executive Busy Override feature.
If this feature is assigned to the extension, another extension's attempt to execute Executive Busy Override is rejected with busy tone.
Refer to Section 5-A-5.00 "Executive Busy Override" for further information.

To assign or cancel this feature, dial the feature number for "Busy Override Deny Set" or "Busy Override Deny Cancel."

System programming is required to assign this feature.
Assign "System-Class of Service", Executive Busy Override Deny to "Yes."

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (1/2)", Executive Busy Override Deny	9-D-4.01	10-C-7.00
"System-Numbering Plan (5/9)", Busy Override Deny Set Busy Override Deny Cancel	9-D-6.05	10-C-10.00

Conditions

None

Operation

Assigning Executive Busy Override Deny

1. Lift the handset.

2. Dial the feature number for "Busy Override Deny Set."

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

Canceling Executive Busy Override Deny

1. Lift the handset.

2. Dial the feature number for "Busy Override Deny Cancel."

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

4.00 Do Not Disturb (DND)

Description

Do Not Disturb allows an extension user to appear busy to all incoming calls (intercom. extension and outside calls).

To utilize this feature, assign "System-Class of Service", Call Forwarding/Do Not Disturb to "Yes" beforehand by system programming.
This feature can be assigned and canceled by dialing the feature number "Do Not Disturb Set" and "Call Forwarding/Do Not Disturb Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (1/2)", Call Forwarding/Do Not Disturb	9-D-4.01	10-C-7.00
"System-Numbering Plan (5/9)", Do Not Disturb Set Call Forwarding/Do Not Disturb Cancel	9-D-6.05	10-C-10.00

Conditions

(1) IRNA – Automatically
If a call via DISA/DID is directed to an extension in the DND mode, it will be automatically redirected to another extension (including VPS extension) or an Attendant Console assigned as the IRNA destination. Refer to Section 3-F-5.00 "Intercept Routing – No Answer (IRNA) for further information.

(2) Making Calls
An extension in the DND mode can still be used to make calls and access any other features available to that extension.

(3) Answering Calls
An extension in the DND mode is available:

• To answer a call ringing at another extension by "Call Pickup" feature.
Refer to Section 5-B-1.00 "Call Pickup" for further information.

(4) FWD/DND
Setting DND feature cancels any Call Forwarding feature pre-assigned on the extension and vice versa.
Refer to Section 5-D-2.00 "Call Forwarding (FWD)" for further information.

(5) DND Override
"Do Not Disturb Override" allows extension users to override "Do Not Disturb" feature assigned on the called extension user.
Refer to Section 5-A-6.00 "Do Not Disturb Override" for further information.

Operation

Setting Do Not Disturb

1. Lift the handset.

• You hear dial tone 1 or 3 or 4.

2. Dial the feature number for Do Not Disturb Set "**1" (default).

• You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

Canceling Do Not Disturb

1. Lift the handset.

• You hear dial tone 1 or 3 or 4.

2. Dial the feature number for Call Forwarding/Do Not Disturb Cancel "##0" (default).

• You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

(Supplement)

The table below shows whether an extension which has DND assigned rings or not and the other extensions which has the extension's directory number assigned (PITS) rings or not and how their SDN indicators light, when the extension setting DND receives a call.

Type of call arriving at setting extension	Other extensions has SDN assigned or not	Extension which has DND assigned (PDN)	Extension which has SDN assigned (SDN)
Extension call	No	No ring ☛1	
	Yes	No ring	Red 240 wink Ring
Attendant Console call	No	No ring ☛1	
	Yes	No ring	Red 240 wink Ring
DIL (1:N) call	No	No ring	
	Yes		Lights on in red No ring
DIL (1:1) call	No	Ring	
	Yes	No ring	Red 240 wink Ring
DID call	No	No ring	
	Yes		Indicator off No ring
DISA call	No	No ring	
	Yes		Indicator off No ring
Other calls		No ring ☛1	

☛1   DND tone is sent to the caller.

5.00 Call Waiting

Description

Call waiting tone to a busy extension indicates that another call (extension or outside) is waiting.

To set or cancel Call Waiting feature, dial the feature number for "Call Waiting Set" or "Call Waiting Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (5/9)", Call Waiting Set Call Waiting Cancel	9-D-6.05	10-C-10.00

Conditions

Call waiting tone is sent in the following mode:

|←——— 15 secs ———→|

Operation

Setting Call Waiting

1. Lift the handset.

2. Dial the feature number for "Call Waiting Set."

 • You hear confirmation tone 1 or 2, and then dial tone 1 or 3 or 4.

3. Replace the handset.

Canceling Call Waiting

1. Lift the handset.

2. Dial the feature number for "Call Waiting Cancel."

 • You hear confirmation tone 1 or 2, and then dial tone 1 or 3 or 4.

3. Replace the handset.

Operation

Answering Call Waiting

A call from another extension or outside party arrives during a conversation.

- You hear call waiting tone.

Talking to the new party by disconnecting the current call

1. Replace the handset to disconnect the current call.

   - Your telephone set rings.

2. Lift the handset.

   - Talk to the new party.

Talking to the new party by holding the current party

1. Press the switchhook for approximately one half second and release.

   - You hear dial tone 1 or 3 or 4.
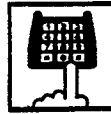
2. Dial the feature number for "Hold" to hold the current party.

   - You hear confirmation tone 2 then dial tone 1 or 3 or 4.

3. Replace the handset.

   - Your telephone set rings.

4. Lift the handset.

   - Talk to the new caller.
   - To conclude the new conversation and return to the held party again, replace the handset and lift the handset again, then dial the feature number for "Hold Retrieve."

(Supplement)

See Section 5-C-1.00 "Hold" for further information about Hold.

6.00 Uniform Call Distribution (UCD)-Log Out

Description

UCD group members may leave the group temporarily by dialing the feature number for "UCD Log Out" to avoid UCD calls being sent to their extensions.

Refer to Section 3-D-2.05 "Uniform Call Distribution (UCD)-without OGM" and Section 3-D-2.06 "Uniform Call Distribution (UCD)-with OGM" for further information about UCD call.

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (9/9)", UCD Log In UCD Log Out	9-D-6.09	10-C-10.00

Conditions

When an extension of the UCD group set for Log Out goes off-hook, dial tone 4 below can be heard.

(second) 0　　1　　2　　3　　4　　5
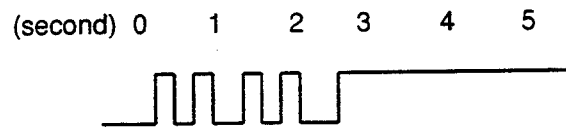
Operation

Setting UCD Log Out (Leaving a UCD group)

1. Lift the handset.
   - You hear dial tone 4.

2. Dial the feature number for "UCD Log Out."
   - You hear confirmation tone 1 or 2.

3. Replace the handset.

Canceling UCD Log Out (Returning to a UCD group)

1. Lift the handset.
   - You hear dial tone 4.
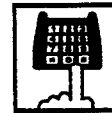
2. Dial the feature number for "UCD Log In."

3. Replace the handset.

C. Holding Features

1.00 Hold

Description

Allows an extension user to hold the current call and either make or answer another call (extension or outside).

To hold a call, dial the feature number for "Hold." To retrieve a held call, dial the feature number for "Hold Retrieve."

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (4/9)", Hold Hold Retrieve	9-D-6.04	10-C-10.00

Conditions

SLT telephone user cannot hold the multiple calls at a time. So if the SLT telephone users attempt to hold another call while holding a current call, reorder tone is heard. If SDN button for SLT telephone user is busy, the SLT telephone users cannot hold a call even though no call is held by SLT.

The extension users can not hold the following calls.

- A call with Attendant Console
- A call with Doorphone

If a held call has not been answered more than a pre-assigned time, a warning tone may sound at extension which placed a call on hold.
Refer to Section 3-E-2.00 "Held Call Reminder" for further information.

If a held call is not answered more than 30 minutes, it will be disconnected automatically.

Music on Hold will be sent to the held party if available. For sending Music on Hold, prior assignment is necessary. Refer to Section 3-E-1.00 "Music on Hold" for further information.

Operation

Placing a call on hold.

1. Press the switchhook for approximately one half second and release.

   - The other party is held temporarily.
   - You hear confirmation tone 2 and then dial tone 1 or 3 or 4.
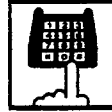
2. Dial the feature number for "Hold."

   - The other party is placed on hold.
   - You hear confirmation tone 2 and then dial tone 1 or 3 or 4.

Retrieving a held call

1. Lift the handset.

   - You hear dial tone 1 or 3 or 4.
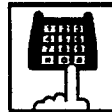
2. Dial the feature number for "Hold Retrieve."

   - You hear confirmation tone 3 and Hold is retrieved.
   - Start conversation again.

2.00 Consultation Hold

Description

Allows the extension user to hold the current call temporarily on purpose to transfer it or establish a conference. Other extensions cannot retrieve the call during Consultation Hold.

Programming

None

Conditions

The extension users can not place the following calls on consultation hold.

- A call with Attendant Console
- A call with Doorphone

Consultation Hold Recall tone sound immediately if the extension user replaces the handset while having a call on consultation hold.

Consultation Hold Recall tone sounds in the same way as Held Call Reminder.

If a held call is not answered more than 30 minutes, it will be disconnected automatically.

When you have a call on Consultation Hold and are talking to another party, pressing the switchhook for approximately one half second and releasing it enables you to have conference if a conference trunk is available. If there is no conference trunk available, the party in conversation is placed on Consultation Hold and you can talk to the retrieved party.
For further information about conference, refer to Section 5-E-1.00 "Conference."

Music on Hold will be sent to the held party if available. For sending Music on Hold, prior assignment is necessary. Refer to Section 3-E-1.00 "Music on Hold" for further information.

Operation

Placing a call on Consultation Hold
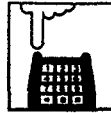
1. Press the switchhook for approximately one half second and release.

   - The call is placed on Consultation Hold, and you hear confirmation tone 2 then dial tone 1 or 3 or 4.
   - You can call another party.

Retrieving a call on Consultation Hold

You have placed a call on Consultation Hold and are not in conversation.

1. Press the switchhook for approximately one half second and release.

   - The call is retrieved and you can talk to the party.

3.00 Call Hold Retrieve-Station

Description

Allows an extension user to talk to the other party by retrieving a call held by another extension. This function is performed by dialing the feature number for "Hold Extension Retrieve" and extension number on which a call is placed on hold (directory number: three or four digits).

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (3/9)", Hold Extension Retrieve	9-D-6.03	10-C-10.00

Conditions

Even if the other extension has held multiple calls, there is no preferential order for retrieving calls.

In case of a failure to retrieve a call (the other extension holds no call), reorder tone is returned.

The following calls cannot be retrieved from other extensions.

- A call held on PCO button
- A call placed on Exclusive Hold
- A call place on Consultation Hold

Operation

1. Lift the handset.

2. Dial the feature number for "Hold Extension Retrieve."
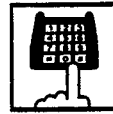
3. Dial the directory number of the holding extension: three or four digits.

   - After hearing confirmation tone 3, start conversation with the other party.

4.00 Call Park

4.01 Call Park-System

Description

Allows an extension user to hold a call (both extension and outside) into a parking area common to the system.
The parked call can be retrieved from any extension in the system.
Call Park can be used whenever an extension user engaged on a call needs to go elsewhere, and wishes to complete the call from another extension.

Call Park feature is also convenient to be used in combination with paging feature since any extension user can retrieve a parked call after being paged.

20 parking areas are available common to the system.

To execute Call Park-System, dial the feature number for "Call Park-System."
To retrieve a call parked in the system parking area, dial the feature number for "Call Park Retrieve-System."

Programming

System Programming	Reference	
	VT	Dumb
"System-Tenant", Call Park Boundary	9-D-2.00	10-C-5.00
"System-Numbering Plan (4/9)", Call Park-System Call Park Retrieve-System	9-D-6.04	10-C-10.00

Conditions

If Tenant Service is employed, 20 parking areas can be split between two tenants in "System-Tenant", Call Park Boundary.

A parked call will be disconnected automatically by the system, if it is not answered within 30 minutes.

Music on Hold will be sent to the held party if available. For sending Music on Hold, prior assignment is necessary. Refer to Section 3-E-1.00 "Music on Hold."

Operation

Parking a call to the system parking area
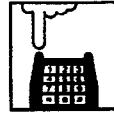
1. Press the switchhook for approximately one half second and release.

   • The other party is placed on Consultation Hold. You hear confirmation tone 2 and then dial tone 1 or 3 or 4.
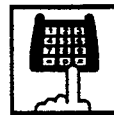
2. Dial the feature number for "Cal Park-System."

3. Dial the parking area number in two digits: 01 to 20.

   • When you succeed in Call Park-System, you hear confirmation tone 2 and then dial tone 1 or 3 or 4.
   • If you fail in Call Park-System (another call is already parked in the specified parking area), you hear busy tone 1 or 2.
   • In this case, dialing another parking area number (01 to 20) allows you to try a new call park destination.
   • To talk to the party placed on Consultation Hold again while hearing busy tone, follow the same procedures as retrieving Consultation Hold. Refer to Section 5-C-2.00 "Consultation Hold."
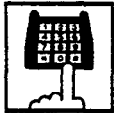
4. Replace the handset.

Retrieving a call parked in the system parking area

1. Lift the handset.

2. Dial the feature number for "Call Park Retrieve-System."

3. Dial the parking area number: 01 to 20.

   • When you succeed in retrieving the parked call, you hear confirmation tone 2. Start conversation with the retrieved party.
   • If you fail, you hear reorder tone.

4.02 Call Park-Station

Description

Allows an extension user to hold a call (both extension and outside) into the parking area dedicated to each extension.
The parked call can be retrieved from any extension in the system.

Call Park feature can be used whenever an extension user engaged on a call needs to go elsewhere, and wishes to complete the call from another extension.
Call Park feature is also convenient to be used in combination with paging feature since any extension user can retrieve a parked call after being paged.
Any extension user can park only one call to the parking area dedicated to each extension.

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (4/9)", Call Park-Station Call Park Retrieve-Station	9-D-6.04	10-C-10.00

Conditions

A parked call will be disconnected automatically by the system, if it is not answered within 30 minutes.

Music on Hold will be sent to the held party if available. For sending Music on Hold, prior assignment is necessary. Refer to Section 3-E-1.00 "Music on Hold."

Operations

Executing Call Park-Station

1. Press the switchhook for approximately one half second and release.

   - The current call is placed on Consultation Hold. You hear confirmation tone 2 and then dial tone 1 or 3 or 4.

2. Dial the feature number for "Call Park-Station."

   - When you succeed in Call Park-Station, you hear confirmation tone 2 and then dial tone 1 or 3 or 4.
   - When you cannot park a call (another call is already parked), you hear busy tone 1 or 2.
   - To talk to the party placed on Consultation Hold again while hearing busy tone 1 or 2, follow the same procedures as retrieving Consultation Hold. Refer to Section 5-C-2.00 "Consultation Hold."

3. Replace the handset.

Retrieving Call Park-Station

1. Lift the handset.
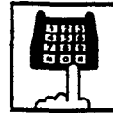
2. Dial the feature number for "Call Park Retrieve-Station."
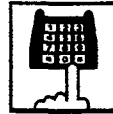
3. Dial the directory number of the parking extension : three or four digits.

   - When you succeed in retrieving Call Park-Station, you hear confirmation tone 2. Then start conversation with the retrieved party.
   - If no call is parked at the extension, you hear reorder tone.

D. Transferring Features

1.00 Call Transfer

1.01 Unscreened Call Transfer to Station

Description

Transfer is convenient to redirect a call to another extension user.
Attendant assistance is not required and the caller does not have to redial.
Unscreened Call Transfer allows an extension user to transfer calls (both extension and CO) to another extension without announcement.

Programming

None

Conditions

If transferred call is not answered by the destination party, it will receive one of the following treatments.

Status of Destination	Operation Resulted
Able to receive the call (sending ringback tone)	Performs the call to the destination for a specific period. In case of no answer, interrupts ringing and starts ringing to the originator of transfer. ☛1 For detail, refer to Section 3-E-3.00 "Transfer Recall."
Busy (sending busy tone)	As soon as the destination goes on-hook, starts calling the destination (Camp-on Transfer). If the destination party remains busy or does not answer the call within a specified period, starts calling back the originator of transfer. ☛1 For detail, refer to Section 3-E-3.00 "Transfer Recall."
Setting Do Not Disturb (sending DND tone)	Unscreened Call Transfer to extension is ineffective. Transferred party is treated simply as a party placed on Consultation Hold. Hanging up causes the Consultation Hold Recall to the originator of transfer.

☛1   When the originator of transfer answers the call, conversation between the originator and the transferred party starts.

The extension users can not transfer the following calls.

* A call with Attendant Console
* A call with Doorphone

If Music on Hold is available from the start of the transferring operation until the destination party answers, the system sends Music on Hold to the transferred party.
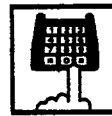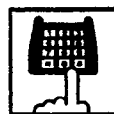For further detail, refer to Section 3-E-1.00 "Music on Hold."

Operation

During a conversation with an extension or an outside party

1. Press the switchhook for approximately one half second and release.

   * The other party is placed on Consultation Hold.
   * You hear confirmation tone 2 and then dial tone 1 or 3 or 4.

2. Dial the directory number of the destination: three or four digits.

3. Replace the handset.

   * Calling the destination starts and when the destination answers, conversation between the held party and the destination is established.

(Supplement)

After step 2, you can interrupt the transfer and talk to the held party by pressing the switchhook for approximately one half second and releasing.

1.02 Screened Call Transfer to Station

Description

Allows an extension user to transfer the calls (both extension and CO) to another extension with announcement.

Programming

None

Conditions

The extension user cannot transfer the following calls.

- A call with Attendant Console
- A call with Doorphone

If Music on Hold is assigned, Music on Hold is sent to the transferred party since the party starts being transferred until he starts conversation with the destination party.
For further detail, refer to Section 3-E-1.00 "Music on Hold."

. The user can execute this function even after holding another party.

Operation

During a conversation with the other party (an outside party or an extension)

1. Press the switchhook for approximately one half second and release.

   - The other party is placed on Consultation Hold.
   - You hear confirmation tone 2 and then dial tone 1 or 3 or 4.

2. Dial the directory number of the destination: three or four digits.

   - You hear ringback tone.

3. When the destination answers, talk to the destination.

4. Replace the handset.

   - Connects the held party and the destination.

(Supplement)

After step 2, you can interrupt the transfer and talk to the held party by pressing the switchhook for approximately one half second and releasing.

1.03 Unscreened Call Transfer to Remote

Description

Allows the extension assigned as operator to transfer a call to the remote maintenance resource. Modem answer tone is returned instantly, if it is not in use.
This operation allows System Administrator to perform System Administration from Remote Location.
Refer to Section 14-B-2.00 "System Administration from a Remote Location" for further information.

To transfer a call to remote maintenance resource, "FDN for Remote" is used, which is assigned in "System-Operation", Remote Directory Number.
See Section 3-B-3.00 "Floating Directory Number (FDN)" for details of FDN.

Programming

System Programming	Reference	
	VT	Dumb
"System-Operation (2/3)", Remote Directory Number	9-D-1.02	10-C-4.00

Conditions

If Music on Hold is assigned, the system sends Music on Hold to the transferred party during the transferring operation. For details, refer to Section 3-E-1.00 "Music on Hold."

If the remote maintenance port is in use, busy tone is returned to the held party. Automatic Callback does not function in this case, so the caller should call again when it becomes idle.

If an extension other than the operator dials the FDN for Remote, reorder tone is returned.

Operators can execute this function even after holding another call.
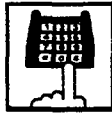
Operation

During a conversation with an extension or an outside party

1. Press the switchhook for approximately one half second and release.

   * The other party is placed on Consultation Hold.
   * You hear confirmation tone 2, then dial tone 1 or 3 or 4.

2. Dial the "FDN for Remote": three or four digits.

   * You hear confirmation tone 3, then dial tone 1 or 3 or 4.
   * If the remote maintenance port is not in use, the held party hears answer tone and can start communication instantly.

3. Replace the handset.

1.04 Unscreened Call Transfer — to Attendant Console

Description

Allows an extension user to transfer a call (both extension and outside) to an Attendant Console without announcement.

Programming

None

Conditions

1) Transfer Recall

   A call transferred by this feature will not ring back at the extension who transferred the call even if the Attendant Console does not answer the call after the transfer recall timer has been elapsed.

2) Intercept Routing No Answer (IRNA)

   A call transferred to an Attendant Console will not be transferred to another extension by IRNA feature even if the Attendant Console does not answer the call after the IRNA timer has been elapsed.

3) What if all six Loop keys on the Attendant Console are not idle?

   A call is put in the call waiting queue of the Attendant Console.

4) What if the Attendant Console is in ATT-FWD mode?

   This feature does not function.
   A call is simply put on Consultation Hold, that is, a call will ring back at the extension who tries to transfer the call as soon as he or she goes on-hook.

5) Music on Hold

   If Music on Hold is available, the system sends Music on Hold to the transferred party, from the start of the transferring operation till the destination party answers.

Operation

During a conversation with an extension or an outside party.

1 Press the switchhook for approximately one half second and release.
   - The other party is put on Consultation Hold.
   - You hear confirmation tone 2 and then dial tone 1 or 3 or 4.

2 Make a call to an Attendant Console.
   - You hear ringback tone.
   - Calling an Attendant Console starts.

3 Replace the handset.
   - At an Attendant Console: The call is displayed as a transfer recall.

(Supplement)

The feature numbers and DN's for making a call to an Attendant Console are:

- Operator Call (General)
- Operator Call (Specific)
- FDN for General Operator Call
- DN for ATT1 and ATT2

1.05 Unscreened Call Transfer
   — to a UCD Group (with OGM)

Description

Allows any extension user to transfer an outside call to a UCD Group from 01 to 04 (with OGM type).

From version 8.XX, not only the operators but any extension user can transfer an outside call to a UCD group (with OGM).

Programming

System Programming	Reference	
	VT	Dumb
"Special Attended—UCD (1/2)"	9-K-3.01	10-C-44.00

Conditions

If all group members are not available to answer the call, it will be redirected to the Overflow destination. In this case, the call will be disconnected if not answered by the Overflow destination within 60 seconds.
See page 3-D-13 for further information.

Operation

During a conversation with an outside party.

1 Press the switchhook for approximately one half second and release.
   • The other party is put on Consultation Hold.
   • You hear confirmation tone 2 and then dial tone 1 or 3 or 4.

2 Dial the FDN for UCD group (01 to 04).
   • You hear confirmation tone 3 and then dial tone 1 or 3 or 4.

3 Replace the handset.

Feature References

Uniform Call Distribution (UCD)—with/without OGM (Section 3-D-2.06)

2.00 Call Forwarding (FWD)

2.01 Call Forwarding-All Calls

Description

Call Forwarding-All Calls allows extension users who are away from their phones to receive incoming calls (both extension and CO) to them at another extension.

Incoming calls can be forwarded either to extension users, Voice Mail port, or operators (Attendant Console or Extension).
"FDN for General Operator Call" can be used to assign operators as the destination of Call Forwarding.
Refer to Section 9-D-1.01 "Operation (1/3)" for further information.

The following incoming calls do not receive Call Forwarding treatment.

- A call from doorphone
- A call routed via DIL 1: N feature
- A call directed to a UCD group

To execute Call Forwarding-All Calls, assign "System-Class of Service", Call Forwarding/Do Not Disturb" to "Yes."

To set and cancel this function, dial the feature number for "Call Forwarding-All Calls Set" and "Call Forwarding-Do Not Disturb Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (1/2)", Call Forwarding/Do Not Disturb	9-D-4.01	10-C-7.00
"System-Numbering Plan (4/9)", Call Forwarding-All Call Set	9-D-6.04	10-C-10.00
"System-Numbering Plan (5/9)", Call Forwarding/Do Not Disturb Cancel	9-D-6.05	10-C-10.00

Conditions

An extension user may have only one type of Call Forwarding/Do Not Disturb feature in effect at any time. If a second type is assigned, the previously assigned type is canceled.

If the extension to which calls are to be forwarded itself is in a call forward mode, a call is not forwarded furthermore. The call rings at the first forwarded extension. In case of an outside call, if not answered in a specified time period, the call will be routed to another destination, if available, based on the "Intercept Routing-No Answer" feature.

If Tenant Service is employed and "Inter Tenant Calling" is assigned to "Yes" by programming, this function is ineffective for the calls from another tenant if the destination of Call Forwarding-All Calls is set to an Attendant Console.

Calls from any VM extension will not be forwarded, if forwarding destination is another VM extension.

The following attempt will be rejected with reorder tone.

- If Tenant Service is employed, the user cannot set the destination to an extension in the other tenant.

- The extension user cannot set the destination to another extension that presets its own destination to the user's extension.

- The extension user cannot call another extension that presets its destination to the user's extension.

The Operators (Attendant Console or Extension) can cancel the Call Forwarding/Do Not Disturb feature assigned to the extension users. Refer to Section 5-G-9.00 "Remote Station Feature Control."

The following table shows the results of the calls arriving at an extension setting
this function depending on the conditions of the preset destination.

Type of Call Arriving at Setting Extension	Condition of Destination	Forwarding Execution	Result
Extension call	Idle status	◯	Call is forwarded to destination.
	Busy status	◯	Busy tone is sent from destination.
	Assigned to DND	◯	DND tone is sent from destination.
	PITS programming mode	◯	Busy tone is sent from destination.
	Conditions except In Service ☛	✕	Call is placed on setting extension.
DIL (1:1) or DISA call	Idle status	◯	Call is forwarded to destination.
	Busy status	◯	Call is forwarded and kept waiting at destination.
	Assigned to DND	◯	Same as call reaching DND. See Section 5-B-4.00 "Do Not Disturb (DND)."
	PITS programming mode	◯	Call is forwarded and kept waiting at destination.
	Conditions except In Service ☛	✕	Call is placed on setting extension.
DID call	Idle status	◯	Call is forwarded to destination.
	Busy status	◯	Busy tone is sent from destination
	Assigned to DND	◯	Same as call reaching DND. See Section 5-B-4.00 "Do Not Disturb (DND)."
	PITS programming mode	◯	Busy tone is sent from destination
	Conditions except In Service ☛	✕	Call is placed on destination.

◯ : Forwarding possible

✕ : Forwarding impossible

☛ Conditions are "Out of Service," "Fault" and "Pre-Installed." See Section 14-C-2.02 "Port" for details.

Operation

Setting Call Forwarding-All Calls

1. Lift the handset.

2. Dial the feature number for "Call Forwarding-All Call Set."

3. Dial the directory number of the extension or the Voice Mail port, or the "FDN for General Operator Call" to be set as the destination:

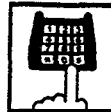   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

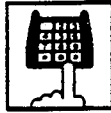4. Replace the handset.

Canceling Call Forwarding-All Calls

1. Lift the handset.

2. Dial the feature number for "Call Forwarding/Do Not Disturb Cancel."

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

2.02 Call Forwarding-Busy/Off-Hook

Description

Call Forwarding-Busy/Off-Hook provides automatic call transfer to a preset destination when the user's extension is busy or off-hook.

Incoming calls can be forwarded to extension users, Voice Mail ports, or operators. "FDN for General Operator Call" is used to assign operators as the destination of Call Forwarding. Refer to Section 9-D-1.01 "Operation (1/3)" for further information.

The following incoming calls do not receive Call Forwarding treatment.

- A call from doorphone
- A call routed via DIL 1: N feature
- A call directed to a UCD group

To set Call Forwarding-Busy/Off-Hook, assign "System-Class of Service", "Call Forwarding/Do Not Disturb" to "Yes."

To set and cancel this function, dial the feature number for "Call Forwarding-Busy Set," and "Call Forwarding/Do Not Disturb Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (1/2)", Call Forwarding/Do Not Disturb	9-D-4.01	10-C-7.00
"System-Numbering Plan (4/9)", Call Forwarding-Busy Set	9-D-6.04	10-C-10.00
"System-Numbering Plan (5/9)", Call Forwarding/Do Not Disturb Cancel	9-D-6.05	10-C-10.00

Conditions

An extension user may have only one type of Call Forwarding/Do Not Disturb feature in effect at any time. If a second type is assigned, the previously assigned type is canceled.

If the extension to which calls are to be forwarded itself is in a call forward mode, a call is not forwarded furthermore. The call rings at the first forwarded extension. In case of an outside call, if not answered in a specified time period, the call will be routed to another destination, if available, based on the "Intercept Routing-No Answer" feature.

If Tenant Service is employed and "Inter Tenant Calling" is assigned to "Yes" by programming, this function is ineffective for the calls from another tenant if the destination of Call Forwarding-Busy/Off-Hook is set to an Attendant Console.

Calls from any VM extension will not be forwarded, if forwarding destination is another VM extension.

The following attempt will be rejected with reorder tone.

- If Tenant Service is employed, the user cannot set the destination to an extension in the other tenant.

- The extension user cannot set the destination to another extension that presets its own destination to the user's extension.

- The extension user cannot call another extension that presets its destination to the user's extension.

The Operators (Attendant Console or Extension) can cancel the Call Forwarding/Do Not Disturb feature assigned to the extension users. Refer to Section 5-G-9.00 "Remote Station Feature Control."

The following table shows the results of the calls arriving at an extension setting this function depending on the conditions of the preset destination.

Type of Call Arriving at Setting Extension	Condition of Destination	Forwarding Execution	Result
Extension call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☛		
DIL (1:1) or DISA call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☛		
DID call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☛		

◯ : Forwarding possible

✕ : Forwarding impossible

☛   Conditions are "Out of Service," "Fault" and "Pre-Installed." See Section 14-C-2.02 "Port" for details.

Operation

Setting Call Forwarding-Busy/Off-Hook

1. Lift the handset.

2. Dial the feature number for "Call Forwarding-Busy Set."

3. Dial the directory number of the extension or the Voice Mail ports, or the "FDN for General Operator Call" to be set as the destination.

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

4. Replace the handset.

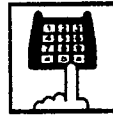Canceling Call Forwarding-Busy/Off-Hook

1. Lift the handset.

2. Dial the feature number for "Call Forwarding/Do Not Disturb Cancel."

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

2.03 Call Forwarding-No Answer

Description

Call Forwarding-No Answer provides automatic call transfer to a preset destination if the extension user cannot answer the call in a determined period (that is, if the caller is not answered while hearing ringback tone in a specified period).

Determine the duration from the arrival of a call to the start of Call Forwarding (period of no answer) by "System-System Timer", Call Forwarding-No Answer Time-Out.

Incoming calls can be forwarded to extension users, Voice Mail ports, or operators.
"FDN for General Operator Call" is used to assign operators as the destination of Call Forwarding. Refer to Section 9-D-1.01 "Operation (1/3)" for further information.

The following incoming calls do not receive Call Forwarding treatment.

- A call from doorphone
- A call routed via DIL 1: N feature
- A call directed to a UCD group

To set Call Forwarding-No Answer, assign "System-Class of Service", Call Forwarding/Do Not Disturb" to "Yes."

To set and cancel this function, dial the feature number for "Call Forwarding-No Answer Set" and "Call Forwarding/Do Not Disturb Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-System Timer", Call Forwarding-No Answer Time-Out	9-D-3.00	10-C-6.00
"System-Class of Service (1/2)", Call Forwarding/Do Not Disturb	9-D-4.01	10-C-7.00
"System-Numbering Plan (4/9)", Call Forwarding-No Answer Set	9-D-6.04	10-C-10.00
"System-Numbering Plan (5/9)", Call Forwarding/Do Not Disturb Cancel	9-D-6.05	10-C-10.00

Conditions

An extension user may have only one type of Call Forwarding/Do Not Disturb feature in effect at any time. If a second type is assigned, the previously assigned type is canceled.

If the extension to which calls are to be forwarded itself is in a call forward mode, a call is not forwarded furthermore. The call rings at the first forwarded extension. In case of an outside call, if not answered in a specified time period, the call will be routed to another destination, if available, based on the "Intercept Routing-No Answer" feature.

If Tenant Service is employed and "Inter Tenant Calling" is assigned to "Yes" by programming, this function is ineffective for the calls from another tenant if the destination of Call Forwarding-No Answer is set to an Attendant Console.

Calls from any VM extension will not be forwarded, if forwarding destination is another VM extension.

The following attempt will be rejected with reorder tone.

- If Tenant Service is employed, the user cannot set the destination to an extension in the other tenant.

- The extension user cannot set the destination to another extension that presets its own destination to the user's extension.

- The extension user cannot call another extension that presets its destination to the user's extension.

The Operators (Attendant Console or Extension) can cancel the Call Forwarding/Do Not Disturb feature assigned to the extension users. Refer to Section 5-G-9.00 "Remote Station Feature Control."

The following table shows the results of the calls arriving at an extension setting
this function depending on the conditions of the preset destination.

Type of Call Arriving at Setting Extension	Condition of Destination	Forwarding Execution	Result
Extension call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☞		
DIL (1:1) or DISA call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☞		
DID call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☞		

◯ : Forwarding possible

✕ : Forwarding impossible

☞   Conditions are "Out of Service,"
"Fault" and "Pre-Installed." See
Section 14-C-2.02 "Port" for details.

Operation

Setting Call Forwarding-No Answer

1. Lift the handset.

2. Dial the feature number for "Call Forwarding-No Answer Set."

3. Dial the directory number of the extension or the Voice Mail port, or the "FDN for General Operator Call" of the destination.

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

4. Replace the handset.

Canceling Call Forwarding-No Answer

1. Lift the handset.

2. Dial the feature number for "Call Forwarding/Do Not Disturb Cancel."

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

2.04 Call Forwarding-Busy/Off-Hook/No Answer

Description

Call Forwarding-Busy/Off-Hook/No Answer provides automatic call transfer to a preset destination if the user's extension is busy off-hook or the user cannot answer the call in a determined period (that is, if the caller is not answered while hearing ringback tone in a specified period).

Determine the duration from the arrival of a call to the start of Call Forwarding (period of no answer) by "System-System Timer", Call Forwarding-No Answer Time-Out.

Incoming calls can be forwarded to extension users, Voice Mail ports, or operators.
"FDN for General Operator Call" is used to assign operators as the destination of Call Forwarding. Refer to Section 9-D-1.01 "Operation (1/3)" for further information.

The following incoming calls do not receive Call Forwarding treatment.

- A call from doorphone
- A call routed via DIL 1: N feature
- A call directed to a UCD group

To set Call Forwarding-Busy/Off-Hook/No Answer, assign "System-Class of Service", Call Forwarding /Do Not Disturb" to "Yes."

To set and cancel this function, dial the feature number for "Call Forwarding-Busy/No Answer" and "Call Forwarding/Do Not Disturb Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-System Timer", Call Forwarding-No Answer Time-Out	9-D-3.00	10-C-6.00
"System-Class of Service (1/2)", Call Forwarding/Do Not Disturb	9-D-4.01	10-C-7.00
"System-Numbering Plan (4/9)", Call Forwarding-Busy/No Answer	9-D-6.04	10-C-10.00
"System-Numbering Plan (5/9)", Call Forwarding/Do Not Disturb Cancel	9-D-6.05	10-C-10.00

Conditions

An extension user may have only one type of Call Forwarding/Do Not Disturb feature in effect at any time. If a second type is assigned, the previously assigned type is canceled.

If the extension to which calls are to be forwarded itself is in a call forward mode, a call is not forwarded furthermore. The call rings at the first forwarded extension. In case of an outside call, if not answered in a specified time period, the call will be routed to another destination, if available, based on the "Intercept Routing-No Answer" feature.

If Tenant Service is employed and "Inter Tenant Calling" is assigned to "Yes" by programming, this function is ineffective for the calls from another tenant if the destination of Call Forwarding-Busy/Off-Hook/No Answer is set to an Attendant Console.

Calls from any VM extension will not be forwarded, if forwarding destination is another VM extension.

The following attempt will be rejected with reorder tone.

- If Tenant Service is employed, the user cannot set the destination to an extension in the other tenant.

- The extension user cannot set the destination to another extension that presets its own destination to the user's extension.

- The extension user cannot call another extension that presets its destination to the user's extension.

The Operators (Attendant Console or Extension) can cancel the Call Forwarding/Do Not Disturb feature assigned to the extension users. Refer to Section 5-G-9.00 "Remote Station Feature Control."

The following table shows the results of the calls arriving at an extension setting
this function depending on the conditions of the preset destination.

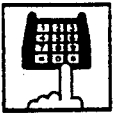| Type of Call Arriving at Setting Extension	Condition of Destination	Forwarding Execution	Result
Extension call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☞		
DIL (1:1) or DISA call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☞		
DID call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☞		

◯ : Forwarding possible

✕ : Forwarding impossible

☞   Conditions are "Out of Service,"
"Fault" and "Pre-Installed." See
Section 14-C-2.02 "Port" for details.

2.04 Call Forwarding-Busy/Off-Hook/No Answer

Description

Call Forwarding-Busy/Off-Hook/No Answer provides automatic call transfer to a preset destination if the user's extension is busy off-hook or the user cannot answer the call in a determined period (that is, if the caller is not answered while hearing ringback tone in a specified period).

Determine the duration from the arrival of a call to the start of Call Forwarding (period of no answer) by "System-System Timer", Call Forwarding-No Answer Time-Out.

Incoming calls can be forwarded to extension users, Voice Mail ports, or operators.
"FDN for General Operator Call" is used to assign operators as the destination of Call Forwarding. Refer to Section 9-D-1.01 "Operation (1/3)" for further information.

The following incoming calls do not receive Call Forwarding treatment.

- A call from doorphone
- A call routed via DIL 1: N feature
- A call directed to a UCD group

To set Call Forwarding-Busy/Off-Hook/No Answer, assign "System-Class of Service", Call Forwarding /Do Not Disturb" to "Yes."

To set and cancel this function, dial the feature number for "Call Forwarding-Busy/No Answer" and "Call Forwarding/Do Not Disturb Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-System Timer", Call Forwarding-No Answer Time-Out	9-D-3.00	10-C-6.00
"System-Class of Service (1/2)", Call Forwarding/Do Not Disturb	9-D-4.01	10-C-7.00
"System-Numbering Plan (4/9)", Call Forwarding-Busy/No Answer	9-D-6.04	10-C-10.00
"System-Numbering Plan (5/9)", Call Forwarding/Do Not Disturb Cancel	9-D-6.05	10-C-10.00

Conditions

An extension user may have only one type of Call Forwarding/Do Not Disturb feature in effect at any time. If a second type is assigned, the previously assigned type is canceled.

If the extension to which calls are to be forwarded itself is in a call forward mode, a call is not forwarded furthermore. The call rings at the first forwarded extension. In case of an outside call, if not answered in a specified time period, the call will be routed to another destination, if available, based on the "Intercept Routing-No Answer" feature.

If Tenant Service is employed and "Inter Tenant Calling" is assigned to "Yes" by programming, this function is ineffective for the calls from another tenant if the destination of Call Forwarding-Busy/Off-Hook/No Answer is set to an Attendant Console.

Calls from any VM extension will not be forwarded, if forwarding destination is another VM extension.

The following attempt will be rejected with reorder tone.

- If Tenant Service is employed, the user cannot set the destination to an extension in the other tenant.

- The extension user cannot set the destination to another extension that presets its own destination to the user's extension.

- The extension user cannot call another extension that presets its destination to the user's extension.

The Operators (Attendant Console or Extension) can cancel the Call Forwarding/Do Not Disturb feature assigned to the extension users. Refer to Section 5-G-9.00 "Remote Station Feature Control."

The following table shows the results of the calls arriving at an extension setting
this function depending on the conditions of the preset destination.

Type of Call Arriving at Setting Extension	Condition of Destination	Forwarding Execution	Result
Extension call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☞		
DIL (1:1) or DISA call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☞		
DID call	Idle status	◯	Call is forwarded to destination.
	Busy status	✕	Call is placed on setting extension.
	Assigned to DND		
	PITS programming mode		
	Conditions except In Service ☞		

◯ : Forwarding possible

✕ : Forwarding impossible

☞　Conditions are "Out of Service,"
"Fault" and "Pre-Installed." See
Section 14-C-2.02 "Port" for details.

Operation

Setting Call Forwarding-Busy/Off-Hook/No Answer

1. Lift the handset.

2. Dial the feature number for "Call Forwarding-Busy/No Answer."

3. Dial the directory number of the extension or the Voice Mail port, or the "FDN for General Operator Call" to be set as the destination.

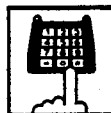   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

4. Replace the handset.

Canceling Call Forwarding-Busy/Off-Hook/No Answer

1. Lift the handset.
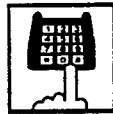
2. Dial the feature number for "Call Forwarding/Do Not Disturb Cancel."

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

2.05 Call Forwarding to Trunk

Description

Call Forwarding to Trunk allows extension users who are away from their phones to receive incoming calls (both CO and extension) at outside place.

When an incoming CO call is forwarded to the pre-assigned outside party by this feature, CO to CO call via this system is established. Duration time of CO to CO call is restricted by "Group-Trunk Group," CO-CO Duration Limit of receiving CO line. The system sends alarm tone to both parties 15 seconds before the Duration Limit time is expired, and when expired the system disconnects both parties compulsively.

The following incoming calls do not receive Call Forwarding treatment.

- A call from doorphone
- A call routed via DIL 1: N feature
- A call directed to a UCD group

To set Call Forwarding to Trunk, assign both "System-Class of Service", Call Forwarding/Do Not Disturb and CO Forward Mode to "Yes."

To set and cancel this function, dial the feature number for "Call Forwarding-To Trunk" and "Call Forwarding/Do Not Disturb Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (1/2)", Call Forwarding/Do Not Disturb CO Forward Mode	9-D-4.01	10-C-7.00
"System-Numbering Plan (4/9)", Call Forwarding-to Trunk	9-D-6.04	10-C-10.00
"System-Numbering Plan (5/9)", Call Forwarding/Do Not Disturb Cancel	9-D-6.05	10-C-10.00
"Group-Trunk Group (1/2)", CO-CO Duration Limit	9-E-1.01	10-C-14.00

Conditions

An extension user may have only one type of Call Forwarding/Do Not Disturb feature in effect at any time. If a second type is assigned, the previously assigned type is canceled.

The Operators (Attendant Console or Extension) can cancel the Call Forwarding/Do Not Disturb feature assigned to the extension users. Refer to Section 5-G-9.00 "Remote Station Feature Control."

Up to 32 digits composed of "0 through 9" and "*" can be entered as the telephone number of the destination. CO line access code must be entered as the leading digit of each entry.

The following table shows the results of the calls arriving at an extension setting
this function depending on the conditions of the preset destination.

Type of Call Arriving at Setting Extension	Condition of Destination	Forwarding Execution	Result
Extension call	Idle status	◯	Call is forwarded to external destination.
	Busy status	✕	Call is placed on setting extension.
	Conditions except In Service ☞		
DIL (1:1) or DISA call	Idle status	◯	Call is forwarded to external destination.
	Busy status	✕	Call is placed on setting extension.
	Conditions except In Service ☞		
DID call	Idle status	✕	Call is placed on setting extension.
	Busy status		
	Conditions except In Service ☞		

◯ : Forwarding possible

✕ : Forwarding impossible

☞   Conditions are "Out of Service,"
"Fault" and "Pre-Installed." See
Section 14-C-2.02 "Port" for details.

Operation

Setting Call Forwarding to Trunk

 1. Lift the handset.

 2. Dial the feature number for "Call Forwarding to Trunk."

 3. Dial the feature number for selecting the CO line and the telephone number of the destination and "#" in succession.

  • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

 4. Replace the handset.

Canceling Call Forwarding to Trunk

 1. Lift the handset.

 2. Dial the feature number for "Call Forwarding/Do Not Disturb Cancel."

  • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

 3. Replace the handset.

(Supplement)

The system does not check the dialed number, toll restriction level, and the feature number for selecting a CO line at the time of setting this function.

E. Conversation Features

1.00 Conference

Description

During a conversation with an extension or an outside party, the extension user can add another party (extension or outside party) on the current conversation and hold a three party conference. This is called Conference Conversation.

On the TSW card, there are eight standard conference trunks provided for this purpose. By equipping the optional conference expansion card (KX-T336104), the number of conference trunks increases to 64.
To utilize optional conference expansion card, assign "Configuration-System Assignment", TSW Additional CONF to "Yes."

When two members in the conference are both outside parties, two conference trunks are necessary. In all other cases, one conference trunk is enough.

Programming

System Programming	Reference	
	VT	Dumb
"Configuration-System Assignment", TSW Additional CONF	9-C-1.00	10-C-1.00

Conditions

Pressing the switchhook by the conference originator during the conference restores a conversation with the first party.
This places the second party on Consultation Hold.

Pressing the switchhook again establishes the conference again if the conference trunk is available. If the conference trunk is not available, conversation with the held (second) party starts, placing the first party on Consultation Hold.

Operation

Establishing a conference

Extension A is in conversation with party B (another extension or an outside party).
The following is the operation from the standpoint of extension A.
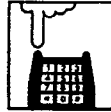
1. Press the switchhook for approximately one half second and release.

   • The other party B is placed on Consultation Hold.
   • Extension A hears dial tone 1 or 3 or 4.
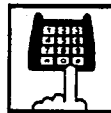
2. Call another party C (an extension or an outside party).

   • Talk to party C.
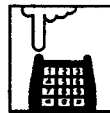
3. Press the switchhook for approximately one half second and release.

   • Conference among the parties A, B and C is established.

(Supplement)

If the conference trunk is not available in step 3, you cannot establish conference by pressing the switchhook, which puts the current party C on Consultation Hold, and conversation with the held party B starts.

Concluding a conference

1. Replace the handset.
   • If both stations B and C are outside parties, both B and C are disconnected.
   • If both B and C are extension users, or either of them is an extension user, a conversation between B and C is established.

2.00 Doorphone

Description

Up to four doorphones can be connected to the system. This provides conversations between extensions and doorphones.

Any extension user can call the doorphones within the same tenant by dialing the feature number for "Doorphone Call (1 to 4)." It is possible to direct calls from doorphones to specified extensions, intercom groups, pickup groups or Attendant Consoles in "Extension-Doorphone", Doorphone Call Assignment.

If Tenant Service is employed, the affiliation of each doorphone can be determined by the system programming in "Extension- Doorphone", Tenant.

Set the duration of the door opener in "Extension-Doorphone", Open Duration. When Open Duration is set to "0," the door opener is unavailable.

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (3/9)", Doorphone Call (1 to 4)	9-D-6.03	10-C-10.00
"Extension-Doorphone"	9-G-3.00	10-C-27.00

Conditions

Only conversations are available for the doorphone. The other functions such as Hold, Transfer are all ineffective.

When a visitor presses the button on the doorphone, he hears ping-pong tone twice, then doorphone call ringing starts at the designated extension.
No answer of the call in 15 seconds cancels the doorphone call.

Operation

Calling from a doorphone

1. Press the button on the doorphone.

   • You hear ping-pong tone.
   • When the other party answers, start conversation.

Answering a doorphone call

When your telephone set receives a doorphone call and rings,

1. Lift the handset.

   • Start conversation with the caller from the doorphone.

Calling a doorphone

1. Lift the handset.

2. After dialing the feature number for "Doorphone Call (1 to 4)," dial the doorphone number : 1 to 4.

   • After hearing confirmation tone 3, start conversation over the specified doorphone.

3. After concluding conversation, replace the handset.

Opening the door

During a conversation over the doorphone

1. Press the switchhook for approximately one half second and release.

2. Dial "5."

   • The door opens for the specified duration.

3.00 External Feature Access

Description

Sending a flash signal through the CO line allows the extension user to gain access to the features offered by the host PBX, or to receive CENTREX service provided by the central office, such as Call Waiting and so on.

External Feature Access such as Call Waiting is effective only in 1:1 conversation with an outside party.

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (3/9)", External Feature Access	9-D-6.03	10-C-10.00
"Group-Trunk Group (1/2)", Hook Switch Flash Time	9-E-1.01	10-C-14.00
"Group-Trunk Group (2/2)", Max. Dial No. after EFA Signal	9-E-1.02	10-C-15.00

Conditions

External Feature Access is ineffective when "Group-Trunk Group", Hook Switch Flash Time is assigned to "None."

The maximum dialing digits to be sent to the CO line after sending the flash signal are restricted by "Group-Trunk Group", Max. Dial No. after EFA Signal.
The longest time limit among the following assignments determines the time limit between dialing digits.

- "System-System Timer", External First Digit Time-Out.
- "System-System Timer", External Interdigit Time-Out.
- "System-System Timer", Toll Restriction Guard Time-Out.

Operation

Gaining access to a feature (in this case, Call Waiting)

When a call arrives from another outside party while in conversation with an outside party,

- You hear call waiting tone.

1. Press the hookswitch for approximately one half second and release.

- You hear dial tone 1 or 3 or 4.
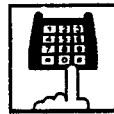
2. Dial the feature number for "External Feature Access."

- The first party is held. Start conversation with the second party.

Finishing the conversation with the second party and starting the conversation with the first party again
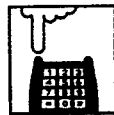
1. Press the hookswitch for approximately one half second and release.

- You hear dial tone 1 or 3 or 4.

2. Dial the feature number for "External Feature Access."

- Start conversation with the first party.

F. Paging Features

1.00 Paging

1.01 Paging All Extensions

Description

Paging All Extensions allows any extension user to perform paging through the built-in speakers of all PITS telephones that can receive paging.

The Class of Service of the user's extension determines the extensions that can receive paging. They are assigned to be paged by "System-Class of Service", Station Paging Access and also if they belong to the same tenant as the user's extension.
See Section 3-B-7.04 "Paging Group" for further information about paging groups.

To page all extensions, dial the feature number for "Station Paging" and "0."
To answer paging, dial the feature number for "Station Paging Answer."

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (2/2)", Station Paging Access	9-D-4.02	10-C-8.00
"System-Numbering Plan (3/9)", Station Paging Station Paging Answer	9-D-6.03	10-C-10.00

Conditions

Single Line telephone (SLT's) cannot be paged.

If all of the extensions assigned to be paged are being paged by another page, busy tone is returned to the new paging performer. If any of the extensions is not being paged, paging is executed.

Automatic Callback feature does not function during paging operation.
Refer to Section 5-A-4.01 "Automatic Callback-Trunk" for further information.

When there is no paging group assigned to "Yes" in "System-Class of Service", Station Paging Access within the same tenant, the performer hears reorder tone.

Paging is broadcast over idle speakers in SP-PHONES of on-hook PITS sets.
The PITSs actuated by paging send confirmation tone and are ready to be paged.

Operation

Performing Paging All Extensions

1. Lift the handset.

2. Dial the feature number for "Station Paging" and dial "0."

   • After hearing confirmation tone 3, start paging.

3. After paging, replace the handset.

### Answering Paging All Extensions when PITSs are paged

1. Lift the handset.

2. Dial the feature number for "Station Paging Answer."

   • After hearing confirmation tone 3, talk to the paging performer.

Transferring a call using Paging All Extensions

During a conversation with an extension or an outside party

1. Press the switchhook for approximately one half second and release.

   • The other party is placed on hold.
   You hear dial tone 1 or 3 or 4.

2. Dial the feature number for "Station Paging" and dial "0."

   • You hear confirmation tone 3.

3. Start paging.

4. When an extension answers, replace the handset.

   • The held party and the paged extension start conversation.

1.02 Group Paging

Description

Group Paging provides paging to a group of extensions specified from eight paging groups through the built-in speakers of their PITSs.

The Class of Service of the user's extension determines the paging groups that can receive paging. They are assigned to be paged by "System-Class of Service", Station Paging Access and also if they belong to the same tenant as the user's extension.

To execute Group Paging, dial the feature number for "Station Paging" and paging group specifying number.
To answer paging, dial the feature number for "Station Paging Answer."

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (2/2)", Station Paging Access	9-D-4.02	10-C-8.00
"System-Numbering Plan (3/9)", Station Paging Station Paging Answer	9-D-6.03	10-C-10.00

Conditions

Single Line Telephones (SLT's) cannot be paged.

If the designated paging group is being paged by another page, busy tone is returned to the new paging performer.

However, he can page within the range not overlapping the preset paging range.
For instance, when paging is being done to group 1, paging groups 2 to 8 are available for new paging.

Automatic Callback feature does not function during paging operation.

When there is no paging group allowed to receive paging in "System-Class of Service", Station Paging Access, the performer hears reorder tone.

Paging is broadcast over idle speakers in SP-PHONEs of on-hook PITS sets.
The PITSs actuated by paging send confirmation tone and then are ready to be paged.

Operation

Performing Group Paging

1. Lift the handset.

2. Dial the feature number for "Station Paging."

3. Dial the paging group number : 1 to 8.

   • After hearing confirmation tone 3, start paging.

4. After paging, replace the handset.

Answering Group Paging when PITSs are paged

1. Lift the handset.

2. Dial the feature number for "Station Paging Answer."

   • After hearing confirmation tone 3, talk to the paging performer.

Transferring a call using Group Paging

During a conversation with an extension or an outside party
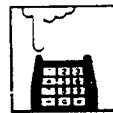
1. Press the switchhook for approximately one half second and release.

   • The other party is placed on hold.
   You hear dial tone 1 or 3 or 4.
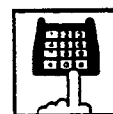
2. Dial the feature number for "Station Paging" and paging group number : 1 to 8.

   • You hear confirmation tone 3.

3. Start paging.

4. When an extension answers, replace the handset.

   • The held party and the paged extension start conversation.

1.03 Paging External Pagers

Description

Allows the extension users to perform paging through the external pager(s) belonging to the same tenant.
If two external pagers are available in the same tenant, two methods are available: one is to page by designating one external pager, and the other is to page using two pagers.

To execute this function, dial the feature number for "External Pager" and to answer the paging, dial the feature number for "External Paging Answer."

Even if an external pager is connected to the system, Paging External Pagers does not operate unless "System-Operation", External Paging 1, 2 is assigned to "Yes".

If Tenant Service is available, it is possible to attach each external pager to a tenant in "Trunk-Pager & Music Source", External Pager-Tenant.

Confirmation tone from external pagers is selected by "Trunk-Pager & Music Source", External Pager-Tone.

Programming

System Programming	Reference	
	VT	Dumb
"System-Operation (1/3)", External Paging 1, 2	9-D-1.01	10-C-4.00
"System-Class of Serice (2/2)", External Paging	9-D-4.02	10-C-8.00
"System-Numbering Plan (3/9)", External Paging External Paging Answer	9-D-6.03	10-C-10.00
"Trunk-Pager & Music Source", External Pager-Tenant External Pager-Tone	9-F-2.00	10-C-19.00

Conditions

If the designated pager is being used, busy tone is returned to the paging performer.

If either or both of the pagers in a tenant are being used, it is not possible to page using two pagers. Busy tone is returned to the user.

If external pagers are not assigned by system programming, reorder tone sounds when paging.

The followings show the paging priorities:

    (1) Paging External Pager from an Attendant Console
    (2) TAFAS (Trunk Answer from Any Station) (Refer to Section 5-B-2.00 "Trunk Answer From Any Station (TAFAS)–Day Service.")
    (3) Paging External Pagers from an extension (this function)
    (4) BGM through External Pager

If a lower priority page is active, and a higher priority page is actuated, it overrides the lower one: for instance, if Paging External Pager is overridden by another higher priority, reorder tone is returned to the performer of Paging External Pager. If TAFAS signal or BGM is overridden by another higher priority, it is interrupted and starts again when the higher priority is finished.

Operation

Performing Paging External Pagers

1. Lift the handset.

2. Dial the feature number for "External Paging."

3. Dial the number for specifying an external pager or pagers: 0, 1 or 2.

   0: specifies external pagers 1 and 2
   1: specifies external pager 1
   2: specifies external pager 2

   • After you hear confirmation tone 3, start paging through the external pager(s).
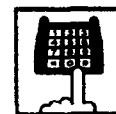
4. After paging, replace the handset.

Answering during external paging

1. Lift the handset.
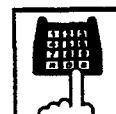
2. Dial the feature number for "External Paging Answer."

3. Dial the number of the external pager: 1 or 2.

   • After you hear confirmation tone 3, talk to the caller who made the page.

Transferring a call using Paging External Pagers

During a conversation with an extension or an outside party

1. Press the switchhook for approximately one half second and release.

   • The other party is placed on hold.
   You hear dial tone 1 or 3 or 4.
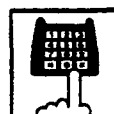
2. Dial the feature number for "External Paging" and external pager specifying number : 0, 1 or 2.

   0: specifies external pagers 1 and 2
   1: specifies external pager 1
   2: specifies external pager 2

   • You hear confirmation tone 3.

3. Start paging.

4. When an extension answers, replace the handset.

   • The held party and the paged extension start conversation.

1.04 Paging All Extensions and External Pagers

Description

Paging All Extensions and External Pagers offers both Paging All Extensions and Paging External Pagers at the same time. It provides paging through the preprogrammed external pagers and the built-in speakers in PITSs of the extensions within the range of the tenant that the user belongs to.

The user's "System-Class of Service", Station Paging Access" determines the paging groups of the extensions that can receive paging and also External Paging determines the external pagers that can receive paging.

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (2/2)", Station Paging Access External Paging 1, 2	9-D-4.02	10-C-8.00
"System-Numbering Plan (3/9)", External Paging Station Paging External Paging Answer Station Paging Answer	9-D-6.03	10-C-10.00

Conditions

Refer to Section 5-F-1.01 "Paging All Extensions" and Section 5-F-1.03 "Paging External Pagers."

Operation

Performing Paging All Extensions and External Pagers

1. Lift the handset.

2. Dial the feature number for "Station Paging" or the feature number for "External Paging," then dial "＊."
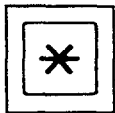
   - After hearing confirmation tone 3, start paging.

3. After paging, replace the handset.

Answering Paging All Extensions and External Pagers

1. Lift the handset.

2. Dial the feature number for "Station Paging Answer," or the feature number for "External Paging Answer" and the number of the external pager : 1 or 2.

   - After hearing confirmation tone 3, talk to the paging performer.

Transferring a call using Paging All Extensions and External Pagers

During a conversation with an extension or an outside party
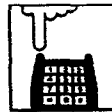
1. Press the switchhook for approximately one half second and release.

   - The other party is placed on hold.
     You hear dial tone 1 or 3 or 4.
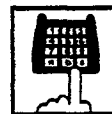
2. Dial the feature number for "Station Paging" or the feature number for "External Paging," then dial "＊."

   - You hear confirmation tone 3.

3. Start paging.

4. When an extension answers, replace the handset.

   - The held party and the paged extension start conversation.

2.00 Background Music (BGM) through External Pager

Description

The system can provide up to two external music sources. The music source can be broadcast as background music (BGM) through external pagers.

Starting or stopping BGM can be executed by the Operator 1 (Attendant Console or extension user) in the same tenant that the external pagers and external music equipment belong to.

To start and stop this function, use the same feature number for "BGM Through External Paging."
Dialing the feature number while BGM is on stops BGM, and reversely starts BGM while BGM is off.

To activate this feature, external music equipment and an external pager should be connected to the system, and assign "System-Operation", External Music Source 1, 2 and External Paging 1, 2 to "Yes" by the system programming.

"Trunk-Pager & Music Source", External Pager-BGM should be assigned to "Yes" to use this function. This assignment can be done to each external pager.
Also assign "Trunk-Pager & Music Source", Music Source-For Use to either "BGM" or "Hold & BGM." This assignment can be done to each external music equipment.

Programming

System Programming	Reference	
	VT	Dumb
"System-Operation (1/3)"	9-D-1.01	10-C-4.00
External Paging 1, 2		
External Music Source 1, 2		
"System-Numbering Plan (8/9)"	9-D-6.08	10-C-10.00
BGM Through External Paging		
"Trunk-Pager & Music Source",	9-F-2.00	
External Pager-Tenant		10-C-19.00
External Pager-BGM		
Music Source-Tenant		10-C-20.00
Music Source-For Use		

Conditions

If Tenant Service is employed, it is possible to attach each external music equipment and external pager to a tenant by using "Trunk-Pager & Music Source", External Pager-Tenant and Music Source-Tenant.

This function is effective only when an external pager and an external music equipment are connected and programming has been completed. Otherwise, the user hears reorder tone after executing the operation to activate this function.

Operation

Turning BGM on when BGM is off

1. Lift the handset.

2. Dial the feature number for "BGM Through External Paging."

   • After you hear confirmation tone 2, BGM sounds from the external pager(s).

3. Replace the handset.

Turning BGM off when BGM is on

1. Lift the handset.

2. Dial the feature number for "BGM Through External Paging."

   • After you hear confirmation tone 2, BGM from the external pager(s) stops.

3. Replace the handset.

G. Other Features

1.00 Night Service

1.01 Universal Night Answer (UNA)

Description

Allows any extension user in the system to answer the incoming CO calls ringing at an external pager, by dialing the feature number for "Night Answer 1_or 2."

To activate this feature, set "Group-Trunk Group" Incoming Mode (Night) to FIXED or FLEXIBLE and "Trunk-CO Line" Night Answer Point to UNA 1 or UNA 2. UNA 1 is associated with External Pager 1 and UNA 2 is associated with External Pager 2. All CO lines belong to this trunk group are covered by this assignment.

External pager must be connected to the system beforehand.
Up to two external pagers can be connected to the system.
To answer a call ringing at external pager 1, dial the feature number for "Night Answer 1," and to answer a call ringing at external pager 2, dial the feature number for "Night Answer 2."
For further information about external pager assignment, refer to Section 5-F-1.03 "Paging External Pagers."

Call handling in UNA is identical to TAFAS. The difference is that TAFAS is available in day mode and UNA is available in night mode.
For further information about TAFAS, refer to Section 5-B-2.00 "Trunk Answer From Any Station (TAFAS)-Day Service."

Programming

System Programming	Reference	
	VT	Dumb
"Group-Trunk Group (1/2)", Incoming Mode (Night)	9-E-1.01	10-C-14.00
"Trunk-CO Line", Night Answer Point	9-F-1.00	10-C-18.00
"System-Numbering Plan (3/9)", Night Answer 1 Night Answer 2	9-D-6.03	10-C-10.00

Conditions

To execute the system administration from a remote location at night, select "RMT" for "Trunk-CO Line" Night Answer Point assignment.
For further information about remote administration, refer to section 14-B-2.00 "System Administration from a Remote Location."

If tenant service is employed, each tenant (1 and 2) can have unique Night Service arrangement individually.
The affiliation of each external pager is determined by the system programming in "Trunk-Pager & Music Source", External Pager-Tenant.
The extension user cannot answer the UNA call ringing at an external pager in the different tenant.

Operation

Answering incoming CO calls ringing at an external pager.

An incoming CO call is ringing at an external pager.

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4
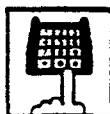
2. If a call is ringing at external pager 1: Dial the feature number for "Night Answer 1."

   If a call is ringing at external pager 2: Dial the feature number for "Night Answer 2."

3. Talk to the caller.

1.02 Flexible Night Service

Description

Flexible Night Service allows the Operator 1 (Attendant Console or extension user) to change the assigned night answer destination on a CO line basis by dialing the feature number for "Flexible Night Service."

To utilize this feature, set "Group-Trunk Group" Incoming Mode (Night) to FLEXIBLE. All CO lines belong to this trunk group are covered by this assignment.
If FIXED is selected for above setting, the assigned night answer destination can not be changed by the Operator 1.

Call handling in Flexible and Fixed night service is almost the same.

The difference is:

Flexible	The Operator 1 (Attendant Console or Extension) can change the night answer destination.
Fixed	A group of extensions (Night Answer Group) can be assigned as the destination of one or more CO lines in night mode

Programming

System Programming	Reference	
	VT	Dumb
"Group-Trunk Group (1/2)", Incoming Mode (Night)	9-E-1.01	10-C-14.00
"Trunk-CO Line", Night Answer Point	9-F-1.00	10-C-18.00
"System-Numbering Plan (8/9)", Flexible Night Service	9-D-6.08	10-C-10.00

Conditions

If tenant service is employed, the night answer destination can only be changed for a CO line in the same tenant by the Operator 1.

Operation

Changing a night answer destination to an extension

1. Lift the handset.

2. Dial the feature number for Flexible Night Service "72" (default) and CO physical number and destination extension number.

   • You hear confirmation tone 1 or 2.

3. Replace the handset.

Changing a night answer destination to the remote maintenance port

1. Lift the handset.

2. Dial the feature number for Flexible Night Service "72" (default) and CO physical number and FDN for remote.

   • You hear confirmation tone 1 or 2.

3. Replace the handset.

Changing a night answer destination to an UNA
(Universal Night Answer)

1. Lift the handset.
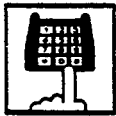
2. Dial the feature number for
   Flexible Night Service "72"
   (default) and CO physical number,
   * and 1 for external pager 1 or *
   and 2 for external pager 2.
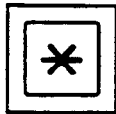
   • You hear confirmation tone 1 or
     2.
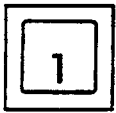
or

3. Replace the handset.

1.03 Switching of Day/Night Mode

Description

It is assignable to switch Day/Night mode either
automatically at pre-assigned time or manually
by the Operator 1 (Attendant Console or
Extension) at any time desired.
If Manual Switching mode is assigned, the
Operator 1 must dial the feature number for
"Night Mode Set" for night service or "Night Mode
Cancel" for day service.
If Auto Switching mode is assigned, the system
will switch the day and night modes at the
programmed time each day.

To utilize Auto Switching mode, set "System-
Operation (3/3)" Night Service to "Auto" and
assign desired mode switching time to "Auto
Start Time" on a per day of the week basis.
To utilize Manual Switching mode, set "System-
Operation (3/3)" Night Service to "Manual."

The Operator 1, however, can override the Auto
Mode setting, that is Manual Mode is
established, by dialing the feature number for
"Night Service Manual Mode Set." To restore the
Auto mode, the Operator 1 must dial the feature
number for "Night Service Manual Mode Cancel."

If tenant service is employed, night service
assignment unique to each tenant (Tenant 1 and
Tenant 2) can be programmed individually.
In this case, the assignment in "System-
Operation (3/3)" is applied to Tenant 1 and the
assignment in "System-Tenant" is applied to
Tenant 2.

Programming

System Programming	Reference	
	VT	Dumb
"System-Operation (3/3)", Night Service Auto Start Time	9-D-1.03	10-C-4.00
"System-Tenant", Night Service (Tenant 2) Auto Start Time	9-D-2.00	10-C-5.00
"System-Numbering Plan (8/9)", Night Mode Set Night Mode Cancel Night Service Manual Mode Set Night Service Manual Mode Cancel	9-D-6.08	10-C-10.00

Conditions

If Auto Start Time on a certain day is not assigned, the current mode is continued until a new start time is encountered.

If the Start Time for Day mode and Night mode on the same day are set identically, the current mode is continued.

If Auto Start Time assignment is not programmed at all, the current mode is continued. In other words if the current mode is Day then Day Mode is continued, and if the current mode is Night then Night Mode is continued.

Operation

Changing Day mode to Night mode

1. Lift the handset.

2. Dial the feature number for "Night Mode Set."

   • You hear confirmation tone 1 or 2.

3. Replace the handset.

Changing Night mode to Day mode

1. Lift the handset.

2. Dial the feature number for "Night Mode Cancel."

   • You hear confirmation tone 1 or 2.

3. Replace the handset.

Changing from Auto mode to Manual mode

1. Lift the handset.
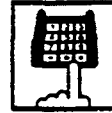
2. Dial the feature number for "Night Service Manual Mode Set."

   • You hear confirmation tone 1 or 2.

3. Replace the handset.

Changing from Manual mode to Auto mode

1. Lift the handset.

2. Dial the feature number for "Night Service Manual Mode Cancel."

   • You hear confirmation tone 1 or 2.

3. Replace the handset.

2.00 Account Code Entry

Description

Account Code Entry is used to associate an account code with incoming and outgoing CO calls.

The account code is appended to the SMDR call record and can be used later for accounting and billing purposes.

The account code can include up to 10 digits.

The validity of the entered account code is not checked by the system.

Entry of account code may be optional, or the extension user may be forced to enter the account code.

In the forced mode, the account code must be entered before making an outgoing CO call.

In the option mode, enter the account code, if necessary.

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (1/2)", Forced Account Code Mode	9-D-4.01	10-C-7.00
"System-Numbering Plan (4/9)", Account Code	9-D-6.04	10-C-10.00

Conditions

In the option mode, it is possible to dial an account code even after the conversation before hanging up.

Only numerical characters of "0 to 9" can be dialed as account codes.

Entering an account code over 10 digits sounds alarm tone.

Be sure to dial "#" after dialing a code, since "#" delimits the code.

If you use a rotary telephone, dial "99" instead of "#" to delimit the code.
You cannot use "99" and what ends with "9" as account codes by the rotary telephone.

Operation

Entering an account code when calling an outside party in the Forced mode

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.

2. Dial the feature number for selecting a CO line.

   • You hear no tone.
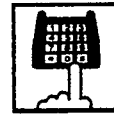
3. Dial the feature number for "Account Code."
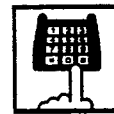
   • You hear dial tone 2.

4. Dial the account code.

   • Up to 10 digits can be dialed as an account code.
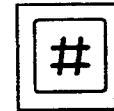
5. Dial "#."

   • You hear dial tone 1.

6. Dial the telephone number of the outside party.

Entering an account code when receiving a call from an outside party in the Forced mode

1. Lift the handset.

   - Talk to the other party.

2. Press the switchhook for approximately one half second and release.
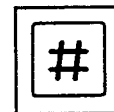
   - You hear dial tone 1 or 3 or 4.
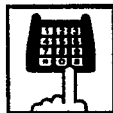
3. Dial the feature number for "Account Code."

   - You hear dial tone 2.
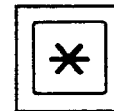
4. Dial the account code.

   - Maximum digits for an account code is 10.

5. Dial "#."

   - Start conversation again.

Entering an account code after calling an outside party or after receiving a call from an outside party in the Option mode

While having a conversation

1. Press the switchhook for approximately one half second and release.

   - You hear dial tone 1 or 3 or 4.
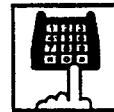
2. Dial the feature number for "Account Code."

   - You hear dial tone 2.

3. Dial the account code.

   - Maximum digits for an account code is 10.

4. Dial "#."

   - Start conversation again.

Correcting an error after dialing a wrong account code (not available with rotary type SLT telephones)

1. Dial "✶."

   - You hear dial tone 2.
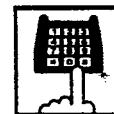
2. Dial the correct account code.
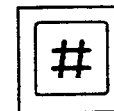
3. Dial "#."

3.00 Timed Reminder (Alarm Clock)

Description

The extension user can use his or her telephone as an alarm clock.
When this feature is set, alarm tone will ring for 2 minutes at the programmed time.

Wake-up Call

By going off-hook, the extension user can hear the wake-up message, if it has been recorded beforehand.
The extension user may hear BGM or intermittent tone (dial tone 2) instead of the wake-up message.
(See Section 3-F-13.00 "Timed Reminder with OGM (wake-up call).")

This feature can be set to operate only once or everyday at a specified time.

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (6/9)", Timed Reminder Set Timed Reminder Cancel	9-D-6.06	10-C-10.00

Conditions

(1) What if the extension is busy or off-hook at the programmed time?

Alarm tone will ring after the extension goes on-hook.

(2) What if a call comes in when alarm tone is ringing?

The caller hears busy tone.

(3) Remote Timed Reminder

This feature can also be set by the Operator 1 or 2 to any extension.
(See Section 4-I-14.00 and Section 6-J-13.00.)

(4) Newly programmed time overrides the old one.

Only the latest setting is valid at a single extension whether it was set by the extension itself or by the operator.
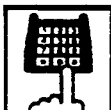
(5) Tone Pattern

Alarm tone sounds in the following manner:

|←————— 5.0 sec —————→|
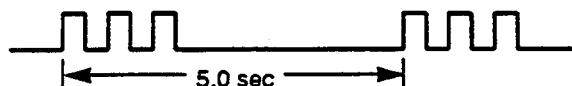
Operation

Setting Timed Reminder

1. Lift the handset.

2. Dial the feature number for Timed Reminder set "*51" (default).

3. Dial "hour" with two digits: 01 to 12.

4. Dial "minute" with two digits: 00 to 59.

5. Dial "0" for a.m. or dial "1" for p.m.

6. Dial "0" for Times Reminder-one time, or dial "1" for Timed Reminder-every day.

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

7. Replace the handset.

Canceling the Timed Reminder Assignment

1. Lift the handset.

2. Dial the feature number for Timed Reminder Cancel "#5" (default).

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

3. Replace the handset.

Answering alarm tone

When the preset time comes, alarm tone sounds.

1. Lift the handset.

   • Alarm tone stops and you hear a wake-up message or BGM, or intermittent tone (dial tone 2).*

2. Replace the handset.

* This is determined by the system programming.
Refer to Section 3-F-13.00 "Timed Reminder with OGM (Wake-up Call)."

(Supplement)

Dial tone 2 in step 1 sounds in the following timing:

|← 1.0 sec →|

4.00 Data Line Security

Description

Used to maintain the communication properly by prohibiting various tones such as Call Waiting tone or Held Call Reminder from sounding at the extension in data communication mode. It also prohibits other extensions from executing overriding functions such as Busy Override.

To assign Data Line Security, assign "Extension-Station" Data Line Security to "Yes."

You can set and cancel this function by dialing the feature numbers for "Data Line Security Set" and "Data Line Security Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (5/9)", Data Line Security Set Data Line Security Cancel	9-D-6.05	10-C-10.00
"Extension-Station (1/3)" Data Line Security	9-G-1.01	10-C-22.00

Conditions

Assigning this function always offers the extension user Privacy mode unless Privacy Release is executed.

If there is a conversation between the extension setting Data Line Security and the extension not setting it, Data Line Security is applied to the both extensions.

Operation

Setting Data Line Security

1. Lift the handset.

2. Dial the feature number for "Data Line Security Set."

   • You hear confirmation tone 1 or 2 then dial tone 1 or 3 or 4.

3. Replace the handset.

Canceling Data Line Security

1. Lift the handset.

2. Dial the feature number for "Data Line Security Cancel."

   • You hear confirmation tone 1 or 2 then dial tone 1 or 3 or 4.

3. Replace the handset.

5.00 Absent Message Capability

Description

Provides an absent message on the display of a calling extension, if the called party has assigned an absent message.

An absent message appears only on the display of PITS (if provided).

There are six fixed and 10 programmable absent messages.
The followings are the six fixed messages ("x" shows a parameter to be entered when a user sets a message).

1) Will Return Soon
2) Gone Home
3) In a Meeting
4) Back At   x x : x x x x
                   — a.m./p.m.
                   — minute
                   — hour
5) Out Until   x x / x x
                   — day
                   — month
6) At Ext   x x x x
                   — directory number
                     (three or four digits)

To set and cancel this function, use the feature numbers for "Absent Message Set" and "Absent Message Cancel."

Programming

System Programming	Reference	
	VT	Dumb
"System-Tenant", Absent Message Boundary	9-D-2.00	1:-C-5.00
"System-Numbering Plan (6/9)", Absent Message Set Absent Message Cancel	9-D-6.06	1:-C-10.00
"System-Absent Message", Fixed Message Flexible Message	9-D-9.00	1:-C-13.00

Conditions

If Tenant Service is employed, 10 programmable messages can be split between two tenants.
To split the messages, execute "System-Tenant", Absent Message Boundary.
Six fixed messages are shared with two tenants.

The user cannot set multiple messages at the same time.

When a user sets fixed message 4), 5), or 6), the system checks the parameters entered : for example, when the user sets fixed message 4), the parameters of "hour," "minute," "a.m./p.m." are checked. In case of an error entry, the user hears reorder tone.

When a user sets a flexible message by the system programming, he can enter up to six parameters: "%."

If a flexible message contains any parameter, use "0 to 9," "*," and "#" to enter it.
If the user enters fewer or more parameters than the assigned parameters, or enters characters except "0 to 9," "*" and "#," he hears reorder tone.

When a user calls an extension that sets both Absent Message and Call Forwarding-No Answer, Call Forwarding-No Answer is activated.
Refer to Section 5-D-2.03 "Call Forwarding-No Answer" for further information.

Operation

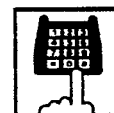Setting fixed message 1), 2), or 3)

1. Lift the handset.

2. Dial the feature number for "Absent Message Set."

3. Dial "01" for fixed message 1),or dial "02" for fixed message 2), or dial "03" for fixed message 3).

   • You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

4. Replace the handset.

Setting fixed message 4). 5) or 6:

1. Lift the handset.

2. Dial the feature number for "Absent Message Set."

3. Dial "04" for fixed message 4),or dial "05" for fixed message 5), or dial "06" for fixed message 6).

4. Dial "TIME" for fixed message 4), or dial "DATE" for fixed message 5), or dial "directory number" for fixed message 6) as follows:

Input format for "TIME" :
HH   MM   AM/PM

01 to 12
(hour)
          00 to 59
          (minute)
                    0 for a.m., 1 for p.m.

Input format for "DATE" :
MM   DD

01 to 12
(month)
          01 to 31 (day)

Input format for "directory number" :
three or four digits

• You hear confirmation tone 1 or 2 and then dial tone 1 or 3 or 4.

5. Replace the handset.

Setting a flexible message

1. Lift the handset.

2. Dial the feature number for "Absent Message Set."

3. Dial the two digit message number: 07 to 16. If the message requires any parameters, enter all the parameters.

• You hear confirmation tone 1 or 2 then dial tone 1 or 3 or 4.

4. Replace the handset.

Canceling the assigned message

1. Lift the handset.

2. Dial the feature number for "Absent Message Cancel."

• You hear confirmation tone 1 or 2 then dial tone 1 or 3 or 4.

3. Replace the handset.

6.00 Message Waiting

Description

Allows an extension user to indicate to another extension that a message is waiting for him or her, by turning on the MESSAGE indicator (button) on the called extension.

This feature is useful when the called extension is busy or does not answer the call.

Any SLT user can set message waiting indication to other extensions (PITS with MESSAGE button or SLT with MESSAGE lamp), but cannot receive it unless your extension is an SLT with MESSAGE lamp.

(For SLT with MESSAGE lamp users)
To receive message waiting indication, "Extension - Station" Message Waiting Indication should be set to "Lamp" beforehand.
To call back the message sender, dial the feature number for "Message Waiting Reply."

Up to 500 message waiting indications can be set for the whole system.

System Programming	Reference	
	VT	Dumb
"System-Tenant", Message Waiting Boundary	9-D-2.00	10-C-5.00
"System-Numbering Plan (7/9)", Message Set Message Cancel Message Waiting Reply	9-D-6.07	10-C-10.00
"Extension-Station", Message Waiting Indication	9-G-1.01	10-C-22.00

Programming

Conditions

1. Suitable Telephones:
   (1) Message Sender

   - Attendant Console
   - A PITS telephone with a MESSAGE button.
   - Any Single Line Telephone.

   (2) Message Receiver

   - A PITS telephone with a MESSAGE button.
   - A Single Line Telephone with MESSAGE lamp.

2. Reorder Tone
   A caller who attempts to leave a message waiting indication may hear the reorder tone in the following cases:

   (1) Receiver's extension is:

   - A PITS telephone without a MESSAGE button.
   - A Single Line Telephone without MESSAGE lamp.

   (2) The maximum number of message waiting indications available for the system or tenant 1/2 has been assigned.

3. Tenant Service
   The maximum number of message waiting indications available for Tenant 1 and 2 is determined by "System-Tenant" Message Waiting Boundary.

4. Setting of the multiple message waiting indications

   (1) More than one message sender can leave message waiting indications to the same extension at the same time.

   (2) Even if the same message sender sets message waiting indications to the same extension more than once, this leaves only one message on the called extension.

5. The MESSAGE indicator on the message receiver's extension will be turned off when:

   (1) The message receiver calls back the message sender by pressing the red lit MESSAGE button, and it was answered by the message sender (or by another extension using Call Pickup or an SDN button).[1]

   (2) Message waiting indication is canceled by the message sender.[1]

   (3) Message waiting indications are canceled by the message receiver.[2]

[1] The indicator may not be turned off, if there are other message waiting indications sent by other extensions.

[2] All message waiting indications are canceled at once.

Operation by Caller

(At message sender's extension—Any SLT)

Setting the Message Waiting Indication

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.

2. Dial the feature number for Message Set "∗9" (default) and then extension number of the other party.

   • You hear confirmation tone 2 and then dial tone 1 or 3 or 4.

   • The MESSAGE indicator on the message receiver's extension is turned on.

3. Replace the handset.

Canceling the Message Waiting Indication on receiver's extension set by a caller

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.

2. Dial the feature number for Message Cancel "#9" (default) and the extension number of the message receiver successively.

   • You hear confirmation tone 2 and then dial tone 1 or 3 or 4.

   • If the other extension received only one message, the MESSAGE indicator on the message receiver's extension goes out.

3. Replace the handset.

Operation by Receiver

(At message receiver's extension—SLT with MESSAGE lamp only)

Calling back the message sender

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.
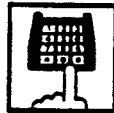
2. Dial the feature number for Message Waiting Reply "57" (default).

   • You hear ringback tone. When the message sender answers, start conversation.

   • If you received multiple messages, calling back the first message sender is performed. At the conclusion of the conversation, the first message is canceled.

   • At the conclusion of the conversations with all the message senders, the MESSAGE lamp on your extension goes out.

3. Replace the handset.

(Note)

• Callback order

   If more than one message waiting indication is left on your extension, callback order is always from the oldest to the newest (First In First Out). This order cannot be changed.

• Confirming the message sender's extension is not available.

Canceling all Message Waiting Indications on your extension

1. Lift the handset.

2. Dial the feature number for Message Cancel "#9" (default) and your own extension number in succession.

   • You hear confirmation tone 2 and then dial tone 1 or 3 or 4.

   • The MESSAGE lamp on your extension goes out.

3. Replace the handset.

7.00 Electronic Station Lock Out

Description

Allows an extension user to prohibit other extension users from making outgoing CO calls from his or her extension.

The user can select any three digit lock code from 000 to 999.

To execute this function, assign "System-Class of Service", Station Lock to "Yes."

Programming

System Programming	Reference	
	VT	Dumb
"System-Class of Service (1/2)", Station Lock	9-D-4.01	10-C-7.00
"System-Numbering Plan (7/9)" Station Lock Set Station Lock Cancel	9-G-6.07	10-C-10.00

Conditions

Both Operator 1 and 2 (Attendant Console or extension user) can also set and cancel this function for each extension.
Once the operator locks an extension, the extension user cannot unlock it.
Refer to Section 5-G-9.00 "Remote Station Feature Control" for further information.

Operation

Setting Electronic Station Lock Out

1. Lift the handset.

2. Dial the feature number for "Station Lock Set."

3. Dial the lock code: 000 to 999.
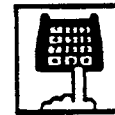
4. Dial the same lock code again.
   * You hear confirmation tone 2.

5. Replace the handset.

Canceling Electronic Station Lock Out

1. Lift the handset.

2. Dial the feature number for "Station Lock Cancel."

3. Dial the lock code.
   * You hear confirmation tone 2.

4. Replace the handset.

8.00 Assigned Feature Clear

Description

Allows an extension user to clear the following feature assigned on it by dialing the feature number for "Station Program Clear."

(a) Call Forwarding/Do Not Disturb
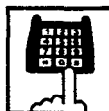(b) Absent Message
(c) Timed Reminder

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (7/9)" Station Program Clear	9-G-6.07	10-C-10.00

Conditions

None

Operation

1. Lift the handset.

   • You hear dial tone 1 or 3 or 4.

2. Dial the feature number for "Station Program Clear."

   • You hear confirmation tone 3.

3. Replace the handset.

9.00 Remote Station Feature Control

Description

Allows the Operator 1 and 2 (extension user or Attendant Console) to set or cancel the following features assigned to each extension:

Features that can be canceled :
- DND (Do Not Disturb)
- Electronic Station Lock Out
- FWD (Call Forwarding)

(It is also possible to cancel FWD temporarily)

Features that can be set :
- DND (Do Not Disturb)
- Electronic Station Lock Out

Programming

System Programming	Reference	
	VT	Dumb
"System-Numbering Plan (8/9)", Remote Station Lock Set Remote Station Lock Cancel Remote DND Set Remote DND Cancel Remote FWD Cancel Remote FWD Cancel-One Time	9-D-6.08	10-C-10.00

Conditions

When an extension is locked by the operator, unlocking by the locked extension itself is impossible.

Operation

Setting/canceling Do Not Disturb to/from an extension
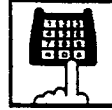
1. Lift the handset.

2. Setting : Dial the feature number for "Remote DND Set."

   Canceling : Dial the feature number for "Remote DND Cancel."

3. Dial the directory number of the extension.
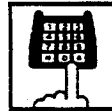
   - You hear confirmation tone 1 or 2.

4. Replace the handset.

Setting/canceling Electronic Station Lock Out to/from an extension

1. Lift the handset.

2-1. Setting : Dial the feature number for "Remote Station Lock Set."

2-2. Canceling : Dial the feature number for "Remote Station Lock Cancel."

3. Dial the directory number of the extension.

   - You hear confirmation tone 1 or 2.
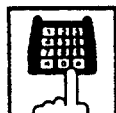
4. Replace the handset.

Canceling Call Forwarding from an extension.

1. Lift the handset.

2. Dial the feature number for "Remote FWD Cancel."

3. Dial the directory number of the extension.

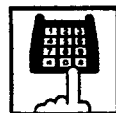   • You hear confirmation tone 1 or 2.

4. Replace the handset.

Canceling Call Forwarding temporarily from an extension

1. Lift the handset.

2. Dial the feature number for "Remote FWD Cancel-One Time."

3. Dial the directory number of the extension.

   • Call Forwarding is canceled temporarily.
   • Calling the extension starts.