Thank you for purchasing a Panasonic Hybrid IP-PBX.
Please read this manual carefully before using this product and save this manual for future use.

KX-TDA30: PSMPR Software File Version 4.0000 or later
KX-TDA100/KX-TDA200: PMPR Software File Version 3.2000 or later
KX-TDA600: PLMPR Software File Version 3.1000 or later
Introduction

About this Programming Manual

The PT Programming Manual is designed to serve as a reference to programming the Panasonic Hybrid IP-PBX using a Panasonic proprietary telephone (PT) with display.

The PT Programming Manual is divided into the following sections:

Section 1, Overview
Provides an overview of programming the PBX.

Section 2, PT Programming
Serves as reference operating instructions when using a display PT to program the PBX.

Section 3, Appendix
Provides a list of all related PT programming items for each feature as Feature Programming References.

References Found in the PT Programming Manual

PT Programming Manual References
Related sections of the PT Programming Manual are listed for your reference.

Feature Guide References
The Feature Guide explains what the PBX can do, as well as how to obtain the most of its many features and facilities. Sections from the Feature Guide are listed throughout the PT Programming Manual for your reference.

Installation Manual References
The Installation Manual provides instructions detailing the installation and maintenance of the PBX. Sections from the Installation Manual are listed throughout the PT Programming Manual for your reference.

Links to Other Pages and Manuals
If you are viewing this manual with a PC, certain items are linked to different sections of the PT Programming Manual and other Hybrid IP-PBX manuals. Click on a link to jump to that section.

Linked items include:
- Installation Manual References
- PT Programming Manual References
- Feature Guide References

WARNING
Unplug the PBX from the AC outlet if it emits smoke, an abnormal smell or makes unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped and contact an authorised Panasonic Factory Service Centre.
NOTES

- The contents of this manual apply to PBXs with a certain software version, as indicated on the cover of this manual. To confirm the software version of your PBX, see [190] Main Processing (MPR) Software Version Reference.
- Some optional service cards, PTs, and features are not available in some areas. Additionally, some optional service cards and features are not available for some PBX models. Please consult your certified Panasonic dealer for more information.
- Product specifications are subject to change without notice.
- Throughout this manual, PT displays and other displays are shown in English. Other languages may be available, depending on the country or area.

The KX-TDA30E, KX-TDA30NE, KX-TDA30GR, and KX-TDA30CE are designed to interwork with the:
- Analogue Public Switched Telephone Network (PSTN) of European countries
- Pan-European Integrated Services Digital Network (ISDN) using ISDN basic rate access

The KX-TDA100E/KX-TDA200E, KX-TDA100NE/KX-TDA200NE, KX-TDA100GR/KX-TDA200GR, and KX-TDA100CE/KX-TDA200CE are designed to interwork with the:
- Analogue Public Switched Telephone Network (PSTN) of European countries
- Pan-European Integrated Services Digital Network (ISDN) using ISDN basic rate access
- Pan-European Integrated Services Digital Network (ISDN) using ISDN primary rate access
- ONP 2048 kbit/s digital structured leased lines (D2048S)

The KX-TDA600E, KX-TDA600NE, KX-TDA600GR, and KX-TDA600CE are designed to interwork with the:
- Analogue Public Switched Telephone Network (PSTN) of European countries
- Pan-European Integrated Services Digital Network (ISDN) using ISDN basic rate access
- Pan-European Integrated Services Digital Network (ISDN) using ISDN primary rate access
- ONP 2048 kbit/s digital structured leased lines (D2048S)

Panasonic Communications Co., Ltd./Panasonic Communications Company (U.K.) Ltd. declares that this equipment is in compliance with the essential requirements and other relevant provisions of Radio & Telecommunications Terminal Equipment (R&TTE) Directive 1999/5/EC.
Declarations of Conformity for the relevant Panasonic products described in this manual are available for download by visiting:

http://www.doc.panasonic.de

Contact:
Panasonic Services Europe
a Division of Panasonic Marketing Europe GmbH
Panasonic Testing Centre
Winsbergring 15, 22525 Hamburg, Germany
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<table>
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<tr>
<td>TRS/Barring Level</td>
<td>43</td>
</tr>
<tr>
<td>Trunk Call Duration Limitation</td>
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<td>44</td>
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<td>44</td>
</tr>
<tr>
<td>DND Override</td>
<td>44</td>
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- Doorphone Number Reference
- Doorphone Call Destination

2.1.10 Resource/Interface Programming

- Music Source Selection for BGM (with the KX-TDA30)/BGM2 (with the KX-TDA100/KX-TDA200/KX-TDA600)
- Doorphone Call Destination
- Doorphone Number Reference
- External Pager Floating Extension Number
- External Pagers of a Paging Group
- Extension User Groups of a Paging Group
- Maximum Number of Agents
- Queuing Call Capacity
- Queuing Hurry-up Level
- Sequences in Queuing Time Table
- CLIP/COLP Number
- CLIP/COLP Number Reference
- CS Status Reference
- PS Registration
- PS Termination
- Personal Identification Number (PIN) for PS Registration
- CS Status Reference
- Class of Service
- Extension User Group
- Terminal Device Assignment
- EXtra Device Port (XDP) Mode
- Permission for Door Open Access
- Doorphone Number Reference
- DISA Security Mode

2.1.11 SMDR & Maintenance Programming

- Remote Programming
- SMDR Outgoing Call Printing
- SMDR Skip Perforation
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
- SMDR Page Length
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This section provides an overview of programming the PBX.
1.1 Introduction

1.1.1 Introduction

These programming instructions are designed to serve as an overall system programming reference for the Panasonic Hybrid IP-PBX. Each feature in the PBX has default settings that can be changed to customise the PBX to your requirements. These settings control the functions of the PBX, and changing them is referred to as "system programming". Only one person can perform system programming at a time. Any other users trying to enter system programming mode will be denied access.

Ways to Programme

There are two programming methods:

- **PC (Personal Computer) Programming**
  All features and settings of the PBX can be programmed through PC programming with KX-TDA Maintenance Console. Installing and starting Maintenance Console are explained in the Installation Manual.

- **PT (Proprietary Telephone) Programming**
  A subset of the features and settings of the PBX can be programmed using a PT. PT programming is described in Section 2.1 PT Programming. An extension user can perform system programming by entering three-digit programming numbers with a PT.
1.1 Introduction

1.1.2 Password Security

To maintain system security, system passwords are required to access certain programming functions of the PBX. By giving different users access to different passwords, it is possible to control the amount of programming that each user is able to perform.

The following types of system passwords are available:

<table>
<thead>
<tr>
<th>Password</th>
<th>Description</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Password (PT) for User</td>
<td>Used to access user-level PT programming. The specific PT programming items that may be programmed at user level can be selected through system programming.</td>
<td>4 – 10 digits</td>
</tr>
<tr>
<td>System Password (PT) for Administrator</td>
<td>Used to access administrator-level PT programming. All PT programming settings are available.</td>
<td></td>
</tr>
</tbody>
</table>

**Warning to the Administrator or Installer regarding the system password**

1. Please provide all system passwords to the customer.
2. To avoid unauthorised access and possible abuse of the PBX, keep the passwords secret, and inform the customer of the importance of the passwords, and the possible dangers if they become known to others.
3. The PBX has default passwords preset. For security, change these passwords the first time that you programme the PBX.
4. Change the passwords periodically.
5. It is strongly recommended that passwords of 10 numbers or characters be used for maximum protection against unauthorised access. For a list of numbers and characters that can be used in system passwords, refer to Section 1.1.3 Entering Characters.
## 1.1.3 Entering Characters

The following characters can be used when storing a name, message, or other text entry data using a PT. The tables below show you the characters available by pushing each button a specific number of times.

### Table 1 (Standard mode)

<table>
<thead>
<tr>
<th>Times Buttons</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>!</td>
<td>?</td>
<td>&quot;</td>
<td>l</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>A</td>
<td>B</td>
<td>C</td>
<td>a</td>
<td>b</td>
<td>c</td>
<td>2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>D</td>
<td>E</td>
<td>F</td>
<td>d</td>
<td>e</td>
<td>f</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>G</td>
<td>H</td>
<td>I</td>
<td>g</td>
<td>h</td>
<td>i</td>
<td>4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>J</td>
<td>K</td>
<td>L</td>
<td>j</td>
<td>k</td>
<td>l</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>M</td>
<td>N</td>
<td>O</td>
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<td>6</td>
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<td></td>
</tr>
<tr>
<td>7</td>
<td>P</td>
<td>Q</td>
<td>R</td>
<td>S</td>
<td>p</td>
<td>q</td>
<td>r</td>
<td>s</td>
<td>7</td>
</tr>
<tr>
<td>8</td>
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<td>t</td>
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<td>v</td>
<td>8</td>
<td></td>
<td></td>
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<td>9</td>
<td>W</td>
<td>X</td>
<td>Y</td>
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<td>z</td>
<td>9</td>
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<td>=</td>
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<td>&gt;</td>
<td>✧</td>
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<tr>
<td>&amp;</td>
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<td>%</td>
<td>@</td>
<td>(</td>
<td>)</td>
<td>❄</td>
<td>❄</td>
<td>♯</td>
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### Table 1 (Standard mode for RU model)

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<td>g</td>
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<td>K</td>
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<td>N</td>
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<td>Q</td>
<td>R</td>
<td>p</td>
<td>q</td>
<td>r</td>
<td>s</td>
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<td>T</td>
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<td>Z</td>
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<td>0</td>
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<td>*</td>
<td>/</td>
<td>+</td>
<td>-</td>
<td>=</td>
<td>&lt;</td>
<td>&gt;</td>
<td>*</td>
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<td>#</td>
<td>$</td>
<td>¥</td>
<td>&amp;</td>
<td>@</td>
<td>(</td>
<td>)</td>
<td>€</td>
<td>€</td>
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</tbody>
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### 1.1 Introduction

#### Table 2 (Option mode for GR model)

<table>
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<th>Times Buttons</th>
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<th>2</th>
<th>3</th>
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<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
</tr>
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<td>?</td>
<td>“</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>A</td>
<td>B</td>
<td>Г</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>2</td>
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<tr>
<td>3</td>
<td>Δ</td>
<td>Ε</td>
<td>Ζ</td>
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<tr>
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<td>І</td>
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<td>Ψ</td>
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<td></td>
<td>(space)</td>
</tr>
<tr>
<td>※</td>
<td>/</td>
<td>+</td>
<td>–</td>
<td>=</td>
<td>&lt;</td>
<td>&gt;</td>
<td></td>
<td></td>
<td>*</td>
</tr>
<tr>
<td>#</td>
<td>$</td>
<td>%</td>
<td>&amp;</td>
<td>@</td>
<td>(</td>
<td>)</td>
<td></td>
<td></td>
<td>€</td>
</tr>
</tbody>
</table>

#### Table 2 (Option mode for RU model)

<table>
<thead>
<tr>
<th>Times Buttons</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
</tr>
</thead>
<tbody>
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<td>1</td>
<td>А</td>
<td>Б</td>
<td>В</td>
<td>!</td>
<td>?</td>
<td>“</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Г</td>
<td>Д</td>
<td>Е</td>
<td>Ё</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>Ж</td>
<td>З</td>
<td>И</td>
<td>Й</td>
<td></td>
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<td></td>
<td></td>
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<td></td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>К</td>
<td>Л</td>
<td>М</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>Н</td>
<td>О</td>
<td>П</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>Р</td>
<td>С</td>
<td>Т</td>
<td></td>
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<td>6</td>
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<tr>
<td>7</td>
<td>У</td>
<td>Ф</td>
<td>Х</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>8</td>
<td>Ц</td>
<td>Ч</td>
<td>Ш</td>
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<td>8</td>
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<tr>
<td>9</td>
<td>Щ</td>
<td>Ъ</td>
<td>Ы</td>
<td>Ъ</td>
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<td></td>
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<td></td>
<td></td>
<td>9</td>
</tr>
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<td>Э</td>
<td>Ю</td>
<td>Я</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(space)</td>
</tr>
<tr>
<td>※</td>
<td>/</td>
<td>+</td>
<td>–</td>
<td>=</td>
<td>&lt;</td>
<td>&gt;</td>
<td></td>
<td>Ё</td>
<td>Ё</td>
<td>Ё</td>
<td>Ё</td>
</tr>
<tr>
<td>#</td>
<td>$</td>
<td>%</td>
<td>&amp;</td>
<td>@</td>
<td>(</td>
<td>)</td>
<td>Є</td>
<td>І</td>
<td>І</td>
<td>І</td>
<td>І</td>
</tr>
</tbody>
</table>
[Example of Entering Characters]
To enter “Ann”:

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>n</td>
<td>n</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>6 (5 times)</td>
<td>OR FWD/DND 6 (5 times)</td>
</tr>
</tbody>
</table>

**Notes**

- To erase the character on the cursor, press CLEAR.
- To move the cursor to the left, press ←.
- To move the cursor to the right, press →. When entering two or more characters that use the same button consecutively (e.g. “G” and “I”), you must press this button or the FWD/DND button after entering the first character.
- If SELECT is pressed, the characters for each button will be displayed in reverse order.
- To toggle between Table 1 and Table 2 when using the KX-T7600 series or an IP-PT, press the leftmost soft button.
1.1 Introduction
This section serves as reference operating instructions when using a display PT to program the PBX.
2.1 PT Programming

2.1.1 Programming Instructions

**Required Telephone/Extension**

PBX settings can be customised through system programming by using a proprietary telephone (PT) with a multiline display, such as the KX-T7636. To access system programming, the Class of Service (COS) assigned to the PT’s extension must be programmed to allow system programming, or the PT must be connected to the lowest-numbered port on the card installed in the lowest-numbered slot.

Only one system programming session can be performed at a time. This means that only one user can access system programming at a time, whether through a PT or PC.

For a list of characters that can be entered during system programming, see Section 1.1.3 Entering Characters.

**Buttons and Functions**

<table>
<thead>
<tr>
<th>Fixed Buttons</th>
<th>T7600/IP-PT*1</th>
<th>T7200/T7400/T7500*2</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>EXIT</td>
<td>T7600/IP-PT*1</td>
<td>T7200/T7400/T7500*2</td>
<td>PREVIOUS</td>
</tr>
<tr>
<td>NEXT</td>
<td>T7200/T7400/T7500*2</td>
<td>T7200/T7400/T7500*2</td>
<td>NEXT</td>
</tr>
<tr>
<td>(Page up)</td>
<td>T7200/T7400/T7500*2</td>
<td>T7200/T7400/T7500*2</td>
<td>(Page up)</td>
</tr>
<tr>
<td>(Page down)</td>
<td>T7200/T7400/T7500*2</td>
<td>T7200/T7400/T7500*2</td>
<td>(Page down)</td>
</tr>
<tr>
<td>ENTER</td>
<td>T7200/T7400/T7500*2</td>
<td>T7200/T7400/T7500*2</td>
<td>ENTER</td>
</tr>
<tr>
<td>Back to Previous Menu</td>
<td>T7200/T7400/T7500*2</td>
<td>T7200/T7400/T7500*2</td>
<td>(CANCEL)</td>
</tr>
<tr>
<td>SHIFT</td>
<td>T7200/T7400/T7500*2</td>
<td>T7200/T7400/T7500*2</td>
<td>SHIFT</td>
</tr>
<tr>
<td>PROGRAM</td>
<td>T7200/T7400/T7500*2</td>
<td>T7200/T7400/T7500*2</td>
<td>PROGRAM</td>
</tr>
<tr>
<td>END</td>
<td>T7200/T7400/T7500*2</td>
<td>T7200/T7400/T7500*2</td>
<td>END</td>
</tr>
</tbody>
</table>
2.1 PT Programming

Entering System Programming Mode

Using a PT to perform system programming allows an authorised extension user to set a wide range of PBX features and parameters.

There are two levels of system programming that can be performed with a PT: administrator-level programming and user-level programming.

Administrator Level:
Allows the programming of all settings accessible through PT programming.

User Level:
Allows the programming of limited settings as permitted through PC programming.

**Note**
◆ means default value throughout this manual.

### Programming Structure

<table>
<thead>
<tr>
<th>Programming Number</th>
<th>Programming Group Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[0XX]</td>
<td>Basic Programming</td>
<td>Frequently used programming steps</td>
</tr>
<tr>
<td>Programming Number</td>
<td>Programming Group Title</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>---------------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>[1XX]</td>
<td>System Management Programming</td>
<td>Global system parameters</td>
</tr>
<tr>
<td>[2XX]</td>
<td>Timer Programming</td>
<td>System timers</td>
</tr>
<tr>
<td>[3XX]</td>
<td>TRS/Barring/ARS Programming</td>
<td>TRS/Barring and Automatic Route Selection (ARS) programming</td>
</tr>
<tr>
<td>[4XX]</td>
<td>Trunk Programming</td>
<td>Trunk, trunk group, and BRI line settings</td>
</tr>
<tr>
<td>[5XX]</td>
<td>COS Programming</td>
<td>Class of Service parameters</td>
</tr>
<tr>
<td>[6XX]</td>
<td>Extension Programming</td>
<td>Extension feature settings</td>
</tr>
<tr>
<td>[7XX]</td>
<td>Resource/Interface Programming</td>
<td>PBX interface and external device settings</td>
</tr>
<tr>
<td>[8XX]</td>
<td>SMDR &amp; Maintenance Programming</td>
<td>Station Message Detail Recording (SMDR) and maintenance feature settings</td>
</tr>
<tr>
<td>[9XX]</td>
<td>Card Programming</td>
<td>Used to display the cards currently installed in the PBX, or to delete a card from system programming before physically removing it.</td>
</tr>
</tbody>
</table>
2.1.2 Maximum Values

Throughout this manual, maximum entry values are shown for each programming item. When maximum entry values for one or more of the supported PBX models differ, these differences are listed within the programming item, as shown in the example below.

However, please note that extension number, slot and port entry values are not listed within each programming item. These values vary depending on the model of PBX and the card type installed, as shown below.

Extension Numbers (Including Feature Numbers)
All models: 1–5 digits

KX-TDA30 Slot and Port Values

Available Slot Entry Values

<table>
<thead>
<tr>
<th>Slot Number</th>
<th>Supported Cards</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Pre-installed Super Hybrid Ports</td>
</tr>
<tr>
<td>02–04</td>
<td>BRI1, BRI2, DLC4, LCOT2, LCOT4 cards</td>
</tr>
<tr>
<td>05–07</td>
<td>DLC8 card</td>
</tr>
<tr>
<td>08–09</td>
<td>DPH2, DPH4 cards</td>
</tr>
</tbody>
</table>

Enter slot numbers as two-digit numbers (e.g. "04" for slot 4).

Available Port Entry Values

<table>
<thead>
<tr>
<th>Card Type</th>
<th>Port Number</th>
<th>Related Programming</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRI1</td>
<td>01</td>
<td>[400] [409] [42x] [450]</td>
</tr>
<tr>
<td>BRI2</td>
<td>01–02</td>
<td></td>
</tr>
<tr>
<td>DLC4</td>
<td>01–04</td>
<td>[600] [601]</td>
</tr>
<tr>
<td>DLC8</td>
<td>01–08</td>
<td></td>
</tr>
<tr>
<td>DPH2</td>
<td>01–02</td>
<td>[72x]</td>
</tr>
<tr>
<td>DPH4</td>
<td>01–04</td>
<td></td>
</tr>
<tr>
<td>LCOT2</td>
<td>01–02</td>
<td>[400] [409] [41x] [450]</td>
</tr>
<tr>
<td>LCOT4</td>
<td>01–04</td>
<td></td>
</tr>
<tr>
<td>Pre-installed</td>
<td>01–04</td>
<td>[600] [601]</td>
</tr>
<tr>
<td>Super Hybrid Ports</td>
<td>01–08</td>
<td></td>
</tr>
</tbody>
</table>
Enter values as two-digit numbers (e.g. "04" for port 4).

**KX-TDA100/KX-TDA200/KX-TDA600 Slot and Port Values**

### Available Slot Entry Values

**KX-TDA100/KX-TDA200**

<table>
<thead>
<tr>
<th>PBX Model</th>
<th>Slot Number</th>
<th>Supported Cards</th>
</tr>
</thead>
<tbody>
<tr>
<td>KX-TDA100</td>
<td>01–06</td>
<td>All cards</td>
</tr>
<tr>
<td>KX-TDA200</td>
<td>01–11</td>
<td></td>
</tr>
</tbody>
</table>

Enter slot numbers as two-digit numbers (e.g. "04" for slot 4).

**KX-TDA600**

<table>
<thead>
<tr>
<th>Slot Number</th>
<th>Supported Cards</th>
</tr>
</thead>
<tbody>
<tr>
<td>101–110</td>
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</tr>
<tr>
<td>201–211</td>
<td>All cards</td>
</tr>
<tr>
<td>301–311</td>
<td></td>
</tr>
<tr>
<td>401–411</td>
<td></td>
</tr>
</tbody>
</table>

Enter slot numbers as three-digit numbers of the form "XYY":
- X: Shelf number (1-4)
- YY: Slot number (01-11)

### Available Port Entry Values

<table>
<thead>
<tr>
<th>Card Type</th>
<th>Port Number</th>
<th>Related Programming</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRI4</td>
<td>01–04</td>
<td>[400] [409] [42x] [450]</td>
</tr>
<tr>
<td>BRI8</td>
<td>01–08</td>
<td></td>
</tr>
<tr>
<td>DHLC8</td>
<td>01–08</td>
<td></td>
</tr>
<tr>
<td>DLC8</td>
<td>01–08</td>
<td>[600] [601]</td>
</tr>
<tr>
<td>DLC16</td>
<td>01–16</td>
<td></td>
</tr>
<tr>
<td>DPH2</td>
<td>01–02</td>
<td></td>
</tr>
<tr>
<td>DPH4</td>
<td>11–34*</td>
<td>[72x]</td>
</tr>
<tr>
<td>LCOT4 (KX-TDA100/KX-TDA200 only)</td>
<td>01–04</td>
<td></td>
</tr>
<tr>
<td>LCOT8 (KX-TDA100/KX-TDA200 only)</td>
<td>01–08</td>
<td>[400] [409] [41x] [450]</td>
</tr>
<tr>
<td>LCOT16 (KX-TDA100/KX-TDA200 only)</td>
<td>01–16</td>
<td></td>
</tr>
<tr>
<td>ELCOT16 (KX-TDA600 only)</td>
<td>01–16</td>
<td></td>
</tr>
</tbody>
</table>

Enter values as two-digit numbers (e.g. "04" for port 4).
*: Enter card number and port number as single-digit numbers (e.g. "34" for card 3, port 4).
2.1.3 Basic Programming

[000] Date & Time

[In 12-hour Format]

[000] ENTER Year 00–99 Month 01–12 Date 01–31 ENTER

NEXT Hour 01–12 Minute 00–59 SELECT (AUTO ANS/MESSAGE) AM/PM ENTER END (HOLD)

[In 24-hour Format]

[000] ENTER Year 00–99 Month 01–12 Date 01–31 ENTER

NEXT Hour 00–23 Minute 00–59 ENTER END (HOLD)

[001] System Speed Dialling Number

[001] ENTER Speed Dialling No. 000–999 Telephone No. Max. 32 digits END

To the Desired Speed Dialling No.

To the Next Speed Dialling No.

CANCEL NEXT

[002] System Speed Dialling Name

[002] ENTER Speed Dialling No. 000–999 Name Max. 20 characters END

[003] Extension Number


New Extn. No.
Notes
- Extensions that will have a mailbox using a VM in DPT integration must have extension numbers of 2–4 digits.
- Extension numbers of PSs can be a maximum of 4 digits.
- If PC Phone, PC Console, or a CTI application is running on a PC connected to an extension whose extension number is to be programmed/modified, quit the application first.

[004] Extension Name

[005] Extension Personal Identification Number (PIN)

**WARNING**

There is a risk that fraudulent telephone calls will be made if a third party discovers a personal identification number (PIN) (verification code PIN or extension PIN) of the PBX. The cost of such calls will be billed to the owner/renter of the PBX. To protect the PBX from this kind of fraudulent use, we strongly recommend:
- a) Keeping PINs secret.
- b) Selecting complex, random PINs that cannot be easily guessed.
- c) Changing PINs frequently.

[006] Operator Assignment

[007] DSS Console Paired Telephone

Notes
- This programme is only available after the port connected to the DSS Console is assigned as "DSS Console" in [601] Terminal Device Assignment.
If one or more SDN buttons have been set at the DSS Console, they must be deleted before this setting can be changed (KX-TDA100/KX-TDA200/KX-TDA600 only).

[008] Absent Message

[008] ▶ Location No. ▶ Message ▶ END
1–8 Max. 16 characters

[010] Charge Margin

[010] ▶ Margin XX.YY% ▶ END
ENTER 2+2 decimal places

[011] Charge Tax

[011] ▶ Location No. ▶ Tax XX.YY% ▶ END
ENTER 01–03 2+2 decimal places

[012] Charge Rate per Unit

[012] ▶ Trunk Group No. ▶ Charge Rate ▶ END
ENTER KX-TDA30: 01–64
KX-TDA100: 01–64
KX-TDA200: 01–64
KX-TDA600: 01–96
Max. 8 digits including decimal point
2.1.4 System Management Programming

[100] Flexible Numbering

[101] Time Service Switching Mode

[102] Time Service Starting Time

[In 12-hour Format]
2.1 PT Programming

[In 24-hour Format]

[102] Idle Line Access (Local Access)

[103] System Password for Administrator—for PT Programming

[110] System Password for User—for PT Programming

[112] Manager Password

[120] Verification Code
2.1 PT Programming

**[121] Verification Code Name**

<table>
<thead>
<tr>
<th>[121]</th>
<th>Location No.</th>
<th>Name</th>
<th>END</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
<td>0001–1000</td>
<td>Max. 20 characters</td>
<td>ENTER</td>
</tr>
</tbody>
</table>

**[122] Verification Code Personal Identification Number (PIN)**

<table>
<thead>
<tr>
<th>[122]</th>
<th>Location No.</th>
<th>PIN</th>
<th>END</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
<td>0001–1000</td>
<td>Max. 10 digits</td>
<td>ENTER</td>
</tr>
</tbody>
</table>

**WARNING**

There is a risk that fraudulent telephone calls will be made if a third party discovers a personal identification number (PIN) (verification code PIN or extension PIN) of the PBX. The cost of such calls will be billed to the owner/renter of the PBX. To protect the PBX from this kind of fraudulent use, we strongly recommend:

a) Keeping PINs secret.
b) Selecting complex, random PINs that cannot be easily guessed.
c) Changing PINs frequently.

**[123] Verification Code COS Number**

<table>
<thead>
<tr>
<th>[123]</th>
<th>Location No.</th>
<th>COS No.</th>
<th>END</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
<td>0001–1000</td>
<td>01–64</td>
<td>ENTER</td>
</tr>
</tbody>
</table>

**[130] Decimal Point Position for Currency**

<table>
<thead>
<tr>
<th>[130]</th>
<th>Desired No.</th>
<th>END</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
<td>0–6</td>
<td>ENTER</td>
</tr>
</tbody>
</table>

**[131] Currency**

<table>
<thead>
<tr>
<th>[131]</th>
<th>Currency</th>
<th>END</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
<td>3 characters</td>
<td>ENTER</td>
</tr>
</tbody>
</table>
### [190] Main Processing (MPR) Software Version Reference

<table>
<thead>
<tr>
<th>[190]</th>
<th>ENTER</th>
<th>MPR Version</th>
<th>END</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Reference only</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
2.1.5 Timer Programming

[200] Hold Recall Time

[200] ENTER Time 0–240 s END

[201] Transfer Recall Time

[201] ENTER Time 1–240 s END

[203] Intercept Time

[203] ENTER Time No. 1 Day/2 Lunch 3 Break/4 Night Time 1–240 s END

[204] Hot Line Waiting Time

[204] ENTER Time 0–15 s END

[205] Automatic Redial Repeat Times

[205] ENTER Number of Times 0–10 END

[206] Automatic Redial Interval

[206] ENTER Time (1–120) ×10 s END

[207] Door Unlock Time

[207] ENTER Time 2–7 s END
[208] Call Duration Count Starting Time for LCOT

[209] DISA Delayed Answer Time

[210] DISA Trunk-to-Trunk Call Prolong Time

[211] DISA Intercept Time
2.1.6 TRS/Barring/ARS Programming

[300] TRS/Barring Override by System Speed Dialling

[301] TRS/Barring Denied Code

[302] TRS/Barring Exception Code

[303] Special Carrier Access Code

[304] Emergency Number

[320] ARS Mode
[321] ARS Leading Number

[321] Location No. Leading No. END
ENTER 0001–1000 Max. 16 digits ENTER END

[322] ARS Routing Plan Table Number

[322] Location No. Plan Table No. END
ENTER 0001–1000 KX-TDA30: 01–16
KX-TDA100: 01–16
KX-TDA200: 01–16
KX-TDA600: 01–48 ENTER END

[325] ARS Exception Number

[325] Location No. Exception No. END
ENTER 001–200 Max. 16 digits ENTER END

[330] ARS Routing Plan Time Table

[In 12-hour Format]

[330] Plan Table No. Day No. ARS Time No.
ENTER KX-TDA30: 01–16
KX-TDA100: 01–16
KX-TDA200: 01–16
KX-TDA600: 01–48

Hour:Minute SELECT AM/PM
01–12/00–59

Day No. 0 Sun/1 Mon/2 Tue/3 Wed/4 Thu/5 Fri/6 Sat
1 TimeA/2 TimeB/3 TimeC/4 TimeD
ENTER END

[In 24-hour Format]

[330] Plan Table No. Day No. ARS Time No.
ENTER KX-TDA30: 01–16
KX-TDA100: 01–16
KX-TDA200: 01–16
KX-TDA600: 01–48

Hour:Minute
00–23/00–59
ENTER END

1 TimeA/2 TimeB/3 TimeC/4 TimeD
[331–346] ARS Routing Plan Table (1–16) (KX-TDA30/KX-TDA100/KX-TDA200 only)

- [331–346]
  - Day No.
  - ARS Time No.
  - Priority
  - Carrier Table No.

<table>
<thead>
<tr>
<th>Day No.</th>
<th>ARS Time No.</th>
<th>Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sun/1 Mon/2 Tue/3 Wed/4 Thu/5 Fri/6 Sat</td>
<td>1 TimeA/2 TimeB/3 TimeC/4 TimeD</td>
<td>1–6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Carrier Table No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>KX-TDA30: 1–10/None</td>
</tr>
<tr>
<td>KX-TDA100: 1–10/None</td>
</tr>
<tr>
<td>KX-TDA200: 1–10/None</td>
</tr>
</tbody>
</table>

[347] ARS Routing Plan Table (1–48) (KX-TDA600 only)

- [347]
  - Plan Table No.
  - ARS Time No.
  - Priority

<table>
<thead>
<tr>
<th>Plan Table No.</th>
<th>ARS Time No.</th>
<th>Priority</th>
</tr>
</thead>
<tbody>
<tr>
<td>01–48</td>
<td>1 TimeA/2 TimeB/3 TimeC/4 TimeD</td>
<td>1–6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Carrier Table No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–48/None</td>
</tr>
</tbody>
</table>

[350] ARS Carrier Name

- [350]
  - Carrier Table No.
  - Name

<table>
<thead>
<tr>
<th>Carrier Table No.</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>KX-TDA30: 01–10</td>
<td>Max. 20 characters</td>
</tr>
<tr>
<td>KX-TDA100: 01–10</td>
<td>ENTER</td>
</tr>
<tr>
<td>KX-TDA200: 01–10</td>
<td>ENTER</td>
</tr>
<tr>
<td>KX-TDA600: 01–48</td>
<td>ENTER</td>
</tr>
</tbody>
</table>

[351] ARS Trunk Group for Carrier Access

- [351]
  - Carrier Table No.
  - Trunk Group No.

<table>
<thead>
<tr>
<th>Carrier Table No.</th>
<th>Trunk Group No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>KX-TDA30: 01–10</td>
<td>KX-TDA30: 01–64</td>
</tr>
<tr>
<td>KX-TDA100: 01–10</td>
<td>KX-TDA100: 01–64</td>
</tr>
<tr>
<td>KX-TDA200: 01–10</td>
<td>KX-TDA200: 01–64</td>
</tr>
<tr>
<td>KX-TDA600: 01–48</td>
<td>KX-TDA600: 01–96</td>
</tr>
</tbody>
</table>

[352] ARS Removed Number of Digits for Carrier Access

- [352]
  - Carrier Table No.
  - Digits to Remove

<table>
<thead>
<tr>
<th>Carrier Table No.</th>
<th>Digits to Remove</th>
</tr>
</thead>
<tbody>
<tr>
<td>KX-TDA30: 01–10</td>
<td>0–15</td>
</tr>
<tr>
<td>KX-TDA100: 01–10</td>
<td>ENTER</td>
</tr>
<tr>
<td>KX-TDA200: 01–10</td>
<td>ENTER</td>
</tr>
<tr>
<td>KX-TDA600: 01–48</td>
<td>ENTER</td>
</tr>
</tbody>
</table>
[353] ARS Carrier Access Code

- **Carrier Table No.**
  - KX-TDA30: 01–10
  - KX-TDA100: 01–10
  - KX-TDA200: 01–10
  - KX-TDA600: 01–48

- **Carrier Access Code**
  - Max. 32 digits

[ENTER] [ENTER] [END]
2.1.7 Trunk Programming

[400] LCOT/BRI Trunk Connection

[401] LCOT/BRI Trunk Name

[402] LCOT/BRI Trunk Group Number

[409] LCOT/BRI Trunk Number Reference

[410] LCOT Dialling Mode

[411] LCOT Pulse Rate
[412] LCOT DTMF Minimum Duration

[413] LCOT CPC Signal Detection Time—Outgoing

[414] LCOT CPC Signal Detection Time—Incoming

[415] LCOT Reverse Circuit

[416] LCOT Pause Time

[417] LCOT Flash/Recall Time

[418] LCOT Disconnect Time
[420] BRI Network Type

[420] Slot No. Port No. Network Type 00–56

[421] BRI DIL/DDI/MSN Selection

[421] Slot No. Port No. Select DIL/DDI/MSN

[422] BRI Subscriber Number

[422] Slot No. Port No. Subscriber No. Max. 16 digits

[424] BRI Layer 1 Active Mode

[424] Slot No. Port No. Select Permanent/Call by call

Note
After changing this setting, perform [902] Slot Card Reset to enable the new setting.

[425] BRI Layer 2 Active Mode

[425] Slot No. Port No. Select Permanent/Call by call

Note
After changing this setting, perform [902] Slot Card Reset to enable the new setting.

[426] BRI Configuration

[426] Slot No. Port No. Select P-P/P-MP

Note
After changing this setting, perform [902] Slot Card Reset to enable the new setting.
2.1 PT Programming

[BRI TEI Mode]

[427] Slot No. Port No. TEI
00–63 (for Fix)/Clear (for Automatic)

Note
After changing this setting, perform [902] Slot Card Reset to enable the new setting.

[DIL 1:1 Destination]

1 Day/2 Lunch/3 Break/4 Night

[DID Number]

[451] Location No. DID No.
0001–1000 Max. 32 digits

[DID Name]

[452] Location No. Name
0001–1000 Max. 20 characters

[DID Destination]

1 Day/2 Lunch/3 Break/4 Night
0001–1000 1–5 digits
[471] Host PBX Access Code

<table>
<thead>
<tr>
<th>Host PBX Access Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
</tr>
</tbody>
</table>

Max. 10 digits

[472] Extension-to-Trunk Call Duration

<table>
<thead>
<tr>
<th>Trunk Group No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
</tr>
</tbody>
</table>

Time

[473] Trunk-to-Trunk Call Duration

<table>
<thead>
<tr>
<th>Trunk Group No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
</tr>
</tbody>
</table>

Time

[475] DISA Silence Detection

<table>
<thead>
<tr>
<th>Trunk Group No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
</tr>
</tbody>
</table>

No Detect/ Detect

[476] DISA Continuous Signal Detection

<table>
<thead>
<tr>
<th>Trunk Group No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
</tr>
</tbody>
</table>

No Detect/ Detect

[477] DISA Cyclic Signal Detection

<table>
<thead>
<tr>
<th>Trunk Group No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
</tr>
</tbody>
</table>

No Detect/ Detect
[490] Caller ID Signal Type

[490] ENTER Slot No. SELECT FSK/FSK with Visual Caller ID/DTMF ENTER END

[491] Pay Tone Signal Type (KX-TDA100/KX-TDA200/KX-TDA600 only)

[491] ENTER Slot No. SELECT 12/16 kHz ENTER END
2.1.8 COS Programming

[500] Trunk Group Number

[501] TRS/Barring Level

[502] Trunk Call Duration Limitation

[503] Call Transfer to Trunk

[504] Call Forwarding to Trunk
2.1 PT Programming

[505] Executive Busy Override

[505] ENTER COS No. 01–64 SELECT Disable/Enable ENTER END

[506] Executive Busy Override Deny

[506] ENTER COS No. 01–64 SELECT Disable/Enable ENTER END

[507] DND Override

[507] ENTER COS No. 01–64 SELECT Disable/Enable ENTER END

[508] Account Code Mode

[508] ENTER COS No. 01–64 SELECT Option/Forced ENTER END

[509] TRS/Barring Level for System Speed Dialling

[509] ENTER COS No. 01–64 TRS/Barring Level 1–7 ENTER END

[510] TRS/Barring Level for Extension Dial Lock

[510] ENTER COS No. 01–64 TRS/Barring Level 1–7 ENTER END

[511] Manager Assignment

[511] ENTER COS No. 01–64 SELECT Disable/Enable ENTER END
[512] Permission for Door Open Access

[512] 

[514] Time Service Manual Switching

[514] 

[515] Wireless XDP Parallel Mode for Paired Telephone

[515] 

[516] Programming Mode Limitation

[516]
2.1.9 Extension Programming

[600] EXtra Device Port (XDP) Mode

When changing the type of a port for which one or more SDN buttons are set (except when changing between PC Console and Telephone), all SDN buttons customised for that device will be deleted (KX-TDA100/KX-TDA200/KX-TDA600 only).

[601] Terminal Device Assignment

KX-TDA30: Telephone/ DSS Console 01–04/ Voice Mail 1–(01–04)/ PC Console 1–2
KX-TDA100/KX-TDA200: Telephone/ DSS Console 01–08/ Voice Mail 1–(01–12)/ Voice Mail 2–(01–12)/ PC Console 1–8
KX-TDA600: Telephone/ DSS Console 01–64/ Voice Mail (1–8)–(01–12)/ PC Console 1–8

Note

[602] Class of Service

[603] Extension User Group
[604] Extension Intercept Destination

[605] Call Forwarding—No Answer Time

[606] CLIP/COLP Number

[620] Incoming Call Distribution Group Member

[621] Incoming Call Distribution Group Delayed Ringing

[622] Incoming Call Distribution Group Floating Extension Number
### [623] Incoming Call Distribution Group Name

<table>
<thead>
<tr>
<th>Press</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>[623]</td>
<td>ENTER</td>
</tr>
<tr>
<td>Name</td>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
<td>END</td>
</tr>
</tbody>
</table>

#### Incoming Call Distribution Group No.

001–128

---

### [624] Incoming Call Distribution Group Distribution Method

<table>
<thead>
<tr>
<th>Press</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>[624]</td>
<td>ENTER</td>
</tr>
<tr>
<td>SELECT</td>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
<td>END</td>
</tr>
</tbody>
</table>

#### Incoming Call Distribution Group No.

001–128

---

### [625] Destination for Overflow Time Expiration

<table>
<thead>
<tr>
<th>Press</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>[625]</td>
<td>ENTER</td>
</tr>
<tr>
<td>Time No.</td>
<td>ENTER</td>
</tr>
<tr>
<td>Destination No.</td>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
<td>END</td>
</tr>
</tbody>
</table>

#### Incoming Call Distribution Group No.

001–128

---

### [626] Overflow Time

<table>
<thead>
<tr>
<th>Press</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>[626]</td>
<td>ENTER</td>
</tr>
<tr>
<td>Overflow Time</td>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
<td>END</td>
</tr>
</tbody>
</table>

#### Incoming Call Distribution Group No.

001–128

---

### [627] Destination When All Busy

<table>
<thead>
<tr>
<th>Press</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>[627]</td>
<td>ENTER</td>
</tr>
<tr>
<td>Time No.</td>
<td>ENTER</td>
</tr>
<tr>
<td>Destination No.</td>
<td>ENTER</td>
</tr>
<tr>
<td>END</td>
<td>END</td>
</tr>
</tbody>
</table>

#### Incoming Call Distribution Group No.

001–128

---

#### Additional Information

- **Max. 20 characters**
- **Max. 32 digits**
- **Overflow Time (1–125) x 10 s**
[628] Queuing Call Capacity

[629] Queuing Hurry-up Level

[630] Queuing Time Table

[631] Sequences in Queuing Time Table

[632] Maximum Number of Agents
[640] Extension User Groups of a Paging Group

[641] External Pagers of a Paging Group

[650] Extension User Groups of a Pickup Group

[660] VM Group Floating Extension Number

[680] Idle Extension Hunting Type
[681] Idle Extension Hunting Group Member

**[681]**

**ENTER**

**Hunting Group No.**

KX-TDA30: 01–64
KX-TDA100: 01–64
KX-TDA200: 01–64
KX-TDA600: 001–128

**Location No.**

01–16

**Extn. No.**

**ENTER**

**END**

[690] PS Registration

**[690]**

**ENTER**

**PS No.**

See below

**Extn. No.**

**ENTER**

**To the PS operation below**

**END**

KX-TDA30: 001–028
KX-TDA100: 001–128
KX-TDA200: 001–128
KX-TDA600 (without EMEC): 001–256
KX-TDA600 (with EMEC): 001–512

**KX-TD7690**

Push power button for 2 seconds.

Push F3 key for 2 seconds.

C.Tone

**Notes**

- Extension numbers of PSs can be a maximum of 4 digits.
- Please refer to the Installation Manual for details about PS registration.
  
  **KX-TDA30:**
  
  Registering DECT PS → 2.7.7 Connecting a Cell Station to the Hybrid IP-PBX
  
  Registering 2.4 GHz PS → 2.8.7 Connecting a Cell Station to the Hybrid IP-PBX
  
  **KX-TDA100/KX-TDA200:**
  
  Registering DECT PS → 2.8.7 Connecting a Cell Station to the Hybrid IP-PBX
  
  Registering 2.4 GHz PS → 2.9.7 Connecting a Cell Station to the Hybrid IP-PBX
  
  **KX-TDA600:**
  
  Registering DECT PS → 2.10.7 Connecting a Cell Station to the Hybrid IP-PBX
  
  Registering 2.4 GHz PS → 2.11.7 Connecting a Cell Station to the Hybrid IP-PBX

[691] PS Termination

**[691]**

**ENTER**

**PS No.**

See below

**ENTER**

**END**

KX-TDA30: 001–028
KX-TDA100: 001–128
KX-TDA200: 001–128
KX-TDA600: 001–512
[692] Personal Identification Number (PIN) for PS Registration

- **[692]**
  - PIN for PS Registration
  - 4 digits
  - 

- ENTER
- END

[699] CS Status Reference

- **[699]**
  - Slot No.
  - Port No.
  - CS Status
  - Reference only

- ENTER
- END
2.1.10 Resource/Interface Programming

[700] External Pager Floating Extension Number
[KX-TDA100/KX-TDA200/KX-TDA600]

[700] ENTER [Pager No. 1–2] [Ext. No.] ENTER END (HOLD)

[KX-TDA30]

[700] ENTER [Pager No. 1] [Ext. No.] ENTER END (HOLD)

[710] Music Source Selection for BGM (with the KX-TDA30)/BGM2 (with the KX-TDA100/KX-TDA200/KX-TDA600)


[711] Music on Hold

[711] ENTER [Music Source No.]

- KX-TDA30: Tone/BGM
- KX-TDA100: Tone/BGM1–2
- KX-TDA200: Tone/BGM1–2
- KX-TDA600: Tone/BGM1–2

ENTER END

[712] Music for Transfer

[712] ENTER [SELECT Hold Music/ Ring back] ENTER END
2.1 PT Programming

[720] Doorphone Call Destination
[KX-TDA100/KX-TDA200/KX-TDA600]

[720] 
ENTER 
Time No. 
1 Day/2 Lunch/ 3 Break/4 Night 
Slot No. 
Card No. and Port No. 
1–3 1–4 
END 
Destination No. 
Max. 32 digits 
ENTER 
END 

[KX-TDA30]

[720] 
ENTER 
Time No. 
1 Day/2 Lunch/ 3 Break/4 Night 
Slot No. 
Port No. 
1–4 
END 
Destination No. 
Max. 32 digits 
ENTER 
END 

[729] Doorphone Number Reference
[KX-TDA100/KX-TDA200/KX-TDA600]

[729] 
Enter 
Slot No. 
Card No. and Port No. 
Doorphone No. 
1–3 1–4 
Reference only 
END 

[KX-TDA30]

[729] 
Enter 
Slot No. 
Port No. 
Doorphone No. 
1–4 
Reference only 
END 

[730] Outgoing Message (OGM) Floating Extension Number

[730] 
Enter 
Message No. 
KX-TDA30: 01–32 
KX-TDA100: 01–64 
KX-TDA200: 01–64 
KX-TDA600: 01–64 
Extn. No. 
Enter 
END 

[731] Outgoing Message (OGM) Name

[731] 
Enter 
Message No. 
KX-TDA30: 01–32 
KX-TDA100: 01–64 
KX-TDA200: 01–64 
KX-TDA600: 01–64 
Name 
Enter 
Max. 20 characters 
Enter 
END
[732] DISA Security Mode

[732] ENTER
SELECT None/Trunk/All
ENTER
END
2.1.11  SMDR & Maintenance Programming


[800] RS-232C Parameter—Baud Rate

[800] RS-232C Parameter—Word Length

[800] RS-232C Parameter—Parity Bit

[800] RS-232C Parameter—Stop Bit Length

[801] External Modem Control

[802] SMDR Page Length
[803] SMDR Skip Perforation

[804] SMDR Outgoing Call Printing

[805] SMDR Incoming Call Printing

[810] Remote Programming

[811] Modem Floating Extension Number

[812] ISDN Remote Floating Extension Number
### 2.1.12 Card Programming

#### [900] Slot Card Type Reference

- **[900]**
  - Slot No.
  - Card Name
  - Reference only
  - END (HOLD)

#### [901] Slot Card Deletion

- **[901]**
  - Slot No.
  - Delete
  - Confirming the deleting operation.
  - ENTER
  - END

#### [902] Slot Card Reset

- **[902]**
  - Slot No.
  - Reset
  - Confirming the resetting operation.
  - ENTER
  - END

#### [910] OPB3 Option Card Type Reference (KX-TDA100/KX-TDA200/KX-TDA600 only)

- **[910]**
  - Slot No.
  - Card No.
  - Option Card Type
  - Reference only
  - END

#### [911] OPB3 Option Card Deletion (KX-TDA100/KX-TDA200/KX-TDA600 only)

- **[911]**
  - Slot No.
  - Card No.
  - Delete
  - Confirming the deleting operation.
  - ENTER
  - END
Section 3
Appendix
3.1 Revision History

3.1.1 KX-TDA600 PLMPR Software File Version 3.1xxx

**Changed Contents**

- [007] DSS Console Paired Telephone
- [601] Terminal Device Assignment
3.1.2 KX-TDA100/KX-TDA200 PMPR Software File Version 3.2xxx

**Changed Contents**

- 2.1.2 Maximum Values
  
  Extension Numbers (Including Feature Numbers)

- [007] DSS Console Paired Telephone

- [601] Terminal Device Assignment
3.1.3 KX-TDA30 PSMPR Software File Version 4.0xxx

**Changed Contents**

- 2.1.1 Programming Instructions

- 2.1.2 Maximum Values
  Extension Numbers (Including Feature Numbers)
3.2 Feature Programming References

A

Absent Message
- [008] Absent Message

Feature Guide Reference
1.19.2 Absent Message

Account Code Entry
- [508] Account Code Mode

Feature Guide Reference
1.5.4.3 Account Code Entry

Automatic Route Selection (ARS)
- [320] ARS Mode
- [321] ARS Leading Number
- [322] ARS Routing Plan Table Number
- [325] ARS Exception Number
- [330] ARS Routing Plan Time Table
- [331–346] ARS Routing Plan Table (1–16) (KX-TDA30/KX-TDA100/KX-TDA200 only)
- [347] ARS Routing Plan Table (1–48) (KX-TDA600 only)
- [350] ARS Carrier Name
- [351] ARS Trunk Group for Carrier Access
- [352] ARS Removed Number of Digits for Carrier Access
- [353] ARS Carrier Access Code

Feature Guide Reference
1.10.1 Automatic Route Selection (ARS)

C

Call Charge Services
- [010] Charge Margin
- [011] Charge Tax
- [012] Charge Rate per Unit
- [130] Decimal Point Position for Currency
- [131] Currency
- [491] Pay Tone Signal Type (KX-TDA100/KX-TDA200/KX-TDA600 only)

Feature Guide Reference
1.26.3 Call Charge Services

Call Forwarding (FWD)
- [472] Extension-to-Trunk Call Duration
- [473] Trunk-to-Trunk Call Duration
3.2 Feature Programming References

- [504] Call Forwarding to Trunk
- [605] Call Forwarding—No Answer Time

Feature Guide Reference
1.3.1.2 Call Forwarding (FWD)

Call Hold
- [200] Hold Recall Time

Feature Guide Reference
1.13.1 Call Hold

Call Pickup
- [650] Extension User Groups of a Pickup Group

Feature Guide Reference
1.4.1.3 Call Pickup

Call Transfer
- [201] Transfer Recall Time
- [503] Call Transfer to Trunk
- [712] Music for Transfer

Feature Guide Reference
1.12.1 Call Transfer

Caller ID
- [001] System Speed Dialling Number
- [002] System Speed Dialling Name
- [490] Caller ID Signal Type

Feature Guide Reference
1.18.1 Caller ID

Calling Line Identification (CLI) Distribution
- [001] System Speed Dialling Number
- [002] System Speed Dialling Name

Feature Guide Reference
1.1.1.5 Calling Line Identification (CLI) Distribution

Calling Party Control (CPC) Signal Detection
- [413] LCOT CPC Signal Detection Time—Outgoing
- [414] LCOT CPC Signal Detection Time—Incoming

Feature Guide Reference
1.11.10 Calling Party Control (CPC) Signal Detection

Calling/Connected Line Identification Presentation (CLIP/COLP)
- [003] Extension Number
- [422] BRI Subscriber Number
- [606] CLIP/COLP Number

Feature Guide Reference
1.21.1.2 Calling/Connected Line Identification Presentation (CLIP/COLP)

Calling/Connected Line Identification Presentation (CLIP/COLP) and Calling/Connected Name Identification Presentation (CNIP/CONP)—by QSIG

- [003] Extension Number
- [004] Extension Name

Feature Guide Reference
1.30.4.2 Calling/Connected Line Identification Presentation (CLIP/COLP) and Calling/Connected Name Identification Presentation (CNIP/CONP)—by QSIG

Class of Service (COS)

- 2.1.8 COS Programming
- [602] Class of Service

Feature Guide Reference
2.2.1 Class of Service (COS)

D

Dial Type Selection

- [410] LCOT Dialling Mode
- [411] LCOT Pulse Rate
- [412] LCOT DTMF Minimum Duration

Feature Guide Reference
1.5.4.4 Dial Type Selection

Direct In Line (DIL)

- [421] BRI DIL/DDI/MSN Selection
- [450] DIL 1:1 Destination

Feature Guide Reference
1.1.1.2 Direct In Line (DIL)

Direct Inward Dialling (DID)/Direct Dialling In (DDI)

- [421] BRI DIL/DDI/MSN Selection
- [451] DID Number
- [452] DID Name
- [453] DID Destination

Feature Guide Reference
1.1.1.3 Direct Inward Dialling (DID)/Direct Dialling In (DDI)

Direct Inward System Access (DISA)

- [209] DISA Delayed Answer Time
- [210] DISA Trunk-to-Trunk Call Prolong Time
- [211] DISA Intercept Time
- [475] DISA Silence Detection
- [476] DISA Continuous Signal Detection
- [477] DISA Cyclic Signal Detection
3.2 Feature Programming References

- [604] Extension Intercept Destination
- [730] Outgoing Message (OGM) Floating Extension Number
- [731] Outgoing Message (OGM) Name
- [732] DISA Security Mode

**Feature Guide Reference**

1.17.6 Direct Inward System Access (DISA)

**Display Information**

- [130] Decimal Point Position for Currency
- [131] Currency

**Feature Guide Reference**

1.20.4 Display Information

**Do Not Disturb (DND)**

- [507] DND Override

**Feature Guide Reference**

1.3.1.3 Do Not Disturb (DND)

**Door Open**

- [207] Door Unlock Time
- [512] Permission for Door Open Access

**Feature Guide Reference**

1.17.2 Door Open

**Doorphone Call**

- [720] Doorphone Call Destination
- [729] Doorphone Number Reference

**Feature Guide Reference**

1.17.1 Doorphone Call

**E**

**Emergency Call**

- [304] Emergency Number

**Feature Guide Reference**

1.5.4.2 Emergency Call

**Executive Busy Override**

- [505] Executive Busy Override
- [506] Executive Busy Override Deny

**Feature Guide Reference**

1.8.2 Executive Busy Override

**Extension Dial Lock**

- [510] TRS/Barring Level for Extension Dial Lock
Feature Guide Reference
1.9.3 Extension Dial Lock

Extension Personal Identification Number (PIN)
• [005] Extension Personal Identification Number (PIN)

Feature Guide Reference
1.28.1 Extension Personal Identification Number (PIN)

Extension Port Configuration
• [007] DSS Console Paired Telephone
• [600] EXtra Device Port (XDP) Mode

Feature Guide Reference
2.1.1 Extension Port Configuration

External Feature Access (EFA)
• [417] LCOT Flash/Recall Time

Feature Guide Reference
1.11.7 External Feature Access (EFA)

F

Flash/Recall/Terminate
• [418] LCOT Disconnect Time

Feature Guide Reference
1.11.6 Flash/Recall/Terminate

Flexible Numbering/Fixed Numbering
• [100] Flexible Numbering

Feature Guide Reference
2.3.6 Flexible Numbering/Fixed Numbering

Floating Extension
• [623] Incoming Call Distribution Group Name
• [660] VM Group Floating Extension Number
• [700] External Pager Floating Extension Number
• [730] Outgoing Message (OGM) Floating Extension Number
• [731] Outgoing Message (OGM) Name
• [811] Modern Floating Extension Number
• [812] ISDN Remote Floating Extension Number

Feature Guide Reference
2.3.7 Floating Extension
3.2 Feature Programming References

G

Group Call Distribution
- [621] Incoming Call Distribution Group Delayed Ringing
- [624] Incoming Call Distribution Group Distribution Method
- [632] Maximum Number of Agents

Feature Guide Reference
1.2.2.2 Group Call Distribution

H

Host PBX Access Code (Access Code to the Telephone Company from a Host PBX)
- [471] Host PBX Access Code

Feature Guide Reference
1.5.4.8 Host PBX Access Code (Access Code to the Telephone Company from a Host PBX)

Hot Line
- [204] Hot Line Waiting Time

Feature Guide Reference
1.6.1.7 Hot Line

I

Idle Extension Hunting
- [680] Idle Extension Hunting Type
- [681] Idle Extension Hunting Group Member

Feature Guide Reference
1.2.1 Idle Extension Hunting

Incoming Call Distribution Group Features
- [620] Incoming Call Distribution Group Member
- [621] Incoming Call Distribution Group Delayed Ringing
- [622] Incoming Call Distribution Group Floating Extension Number
- [623] Incoming Call Distribution Group Name
- [624] Incoming Call Distribution Group Distribution Method
- [625] Destination for Overflow Time Expiration
- [626] Overflow Time
- [627] Destination When All Busy
- [628] Queuing Call Capacity
- [629] Queuing Hury-up Level
- [630] Queuing Time Table
- [631] Sequences in Queuing Time Table
- [632] Maximum Number of Agents

Feature Guide Reference
1.2.2 Incoming Call Distribution Group Features
3.2 Feature Programming References

**Integrated Services Digital Network (ISDN)**
- [420] BRI Network Type
- [424] BRI Layer 1 Active Mode
- [425] BRI Layer 2 Active Mode
- [426] BRI Configuration
- [427] BRI TEI Mode

**Feature Guide Reference**
1.21.1 Integrated Services Digital Network (ISDN)

**Intercept Routing**
- [203] Intercept Time
- [604] Extension Intercept Destination
- [625] Destination for Overflow Time Expiration

**Feature Guide Reference**
1.1.1.6 Intercept Routing

**Intercept Routing—No Destination**
- [006] Operator Assignment

**Feature Guide Reference**
1.1.1.7 Intercept Routing—No Destination

**Intercom Call**
- [003] Extension Number
- [004] Extension Name

**Feature Guide Reference**
1.5.3 Intercom Call

**Internal Call Features**
- [720] Doorphone Call Destination

**Feature Guide Reference**
1.1.2 Internal Call Features

**Last Number Redial**
- [205] Automatic Redial Repeat Times
- [206] Automatic Redial Interval

**Feature Guide Reference**
1.6.1.4 Last Number Redial

**Line Preference—Outgoing**
- [103] Idle Line Access (Local Access)
- [500] Trunk Group Number

**Feature Guide Reference**
1.5.5.2 Line Preference—Outgoing
3.2 Feature Programming References

M

Manager Features
- [112] Manager Password
- [511] Manager Assignment

Feature Guide Reference
2.2.6 Manager Features

Multiple Subscriber Number (MSN) Ringing Service
- [421] BRI DIL/DDI/MSN Selection
- [426] BRI Configuration

Feature Guide Reference
1.1.1.4 Multiple Subscriber Number (MSN) Ringing Service

Music on Hold
- [710] Music Source Selection for BGM (with the KX-TDA30)/BGM2 (with the KX-TDA100/
KX-TDA200/KX-TDA600)
- [711] Music on Hold

Feature Guide Reference
1.13.4 Music on Hold

N

Network Direct Station Selection (NDSS)
- [511] Manager Assignment

Feature Guide Reference
1.30.5.1 Network Direct Station Selection (NDSS)

O

Operator Features
- [006] Operator Assignment

Feature Guide Reference
2.2.5 Operator Features

Outgoing Message (OGM)
- [631] Sequences in Queuing Time Table
- [730] Outgoing Message (OGM) Floating Extension Number

Feature Guide Reference
1.17.5 Outgoing Message (OGM)

Outside Destinations in Incoming Call Distribution Group
- [620] Incoming Call Distribution Group Member
- [621] Incoming Call Distribution Group Delayed Ringing
- [622] Incoming Call Distribution Group Floating Extension Number
3.2 Feature Programming References

- [624] Incoming Call Distribution Group Distribution Method
- [629] Queuing Hurry-up Level

Feature Guide Reference
1.2.2.3 Outside Destinations in Incoming Call Distribution Group

Overflow Feature
- [625] Destination for Overflow Time Expiration
- [626] Overflow Time
- [627] Destination When All Busy
- [628] Queuing Call Capacity
- [632] Maximum Number of Agents

Feature Guide Reference
1.2.2.6 Overflow Feature

P

Paging
- [640] Extension User Groups of a Paging Group
- [641] External Pagers of a Paging Group

Feature Guide Reference
1.15.1 Paging

Paralleled Telephone
- [600] EXtra Device Port (XDP) Mode

Feature Guide Reference
1.11.9 Paralleled Telephone

Pause Insertion
- [416] LCOT Pause Time

Feature Guide Reference
1.5.4.7 Pause Insertion

PC Phone/PC Console
- [601] Terminal Device Assignment

Feature Guide Reference
1.32.2 PC Phone/PC Console

Portable Station (PS) Connection
- [690] PS Registration
- [691] PS Termination
- [692] Personal Identification Number (PIN) for PS Registration

Feature Guide Reference
1.25.1 Portable Station (PS) Connection
3.2 Feature Programming References

PS Directory
- [001] System Speed Dialling Number
- [002] System Speed Dialling Name
- [004] Extension Name

Feature Guide Reference
1.25.3 PS Directory

PS Ring Group
- [620] Incoming Call Distribution Group Member

Feature Guide Reference
1.25.2 PS Ring Group

PS Roaming by Network ICD Group
- [620] Incoming Call Distribution Group Member
- [622] Incoming Call Distribution Group Floating Extension Number
- [624] Incoming Call Distribution Group Distribution Method

Feature Guide Reference
1.30.6.1 PS Roaming by Network ICD Group

PT Programming
- 2.1 PT Programming
- [516] Programming Mode Limitation

Feature Guide Reference
2.3.2 PT Programming

Q

Queuing Feature
- [628] Queuing Call Capacity
- [629] Queuing Hurry-up Level
- [630] Queuing Time Table
- [631] Sequences in Queuing Time Table
- [632] Maximum Number of Agents

Feature Guide Reference
1.2.2.4 Queuing Feature

R

Reverse Circuit
- [415] LCOT Reverse Circuit

Feature Guide Reference
1.5.4.5 Reverse Circuit
S

Software Upgrading
  •  [190] Main Processing (MPR) Software Version Reference

Feature Guide Reference
  2.3.8 Software Upgrading

Special Carrier Access Code
  •  [303] Special Carrier Access Code

Feature Guide Reference
  1.5.4.9 Special Carrier Access Code

Speed Dialling—Personal/System
  •  [001] System Speed Dialling Number
  •  [002] System Speed Dialling Name
  •  [509] TRS/Barring Level for System Speed Dialling

Feature Guide Reference
  1.6.1.5 Speed Dialling—Personal/System

Station Message Detail Recording (SMDR)
  •  [800] RS-232C Parameter—Baud Rate
  •  [800] RS-232C Parameter—Word Length
  •  [800] RS-232C Parameter—Parity Bit
  •  [800] RS-232C Parameter—Stop Bit Length
  •  [802] SMDR Page Length
  •  [803] SMDR Skip Perforation
  •  [804] SMDR Outgoing Call Printing
  •  [805] SMDR Incoming Call Printing

Feature Guide Reference
  1.26.1 Station Message Detail Recording (SMDR)

T

Tenant Service
  •  [001] System Speed Dialling Number
  •  [006] Operator Assignment
  •  [320] ARS Mode
  •  [711] Music on Hold

Feature Guide Reference
  2.2.3 Tenant Service

TIE Line Service
  •  [453] DID Destination
  •  [500] Trunk Group Number
3.2 Feature Programming References

Feature Guide Reference
1.30.1 TIE Line Service

Time Service
• [101] Time Service Switching Mode
• [102] Time Service Starting Time
• [514] Time Service Manual Switching

Feature Guide Reference
2.2.4 Time Service

Toll Restriction (TRS)/Call Barring (Barring)
• [300] TRS/Barring Override by System Speed Dialling
• [301] TRS/Barring Denied Code
• [302] TRS/Barring Exception Code
• [501] TRS/Barring Level
• [509] TRS/Barring Level for System Speed Dialling
• [602] Class of Service

Feature Guide Reference
1.9.1 Toll Restriction (TRS)/Call Barring (Barring)

Trunk Access
• [400] LCOT/BRI Trunk Connection
• [401] LCOT/BRI Trunk Name
• [409] LCOT/BRI Trunk Number Reference
• [500] Trunk Group Number

Feature Guide Reference
1.5.5.3 Trunk Access

Trunk Answer From Any Station (TAFAS)
• [700] External Pager Floating Extension Number

Feature Guide Reference
1.17.3 Trunk Answer From Any Station (TAFAS)

Trunk Busy Out
• [511] Manager Assignment

Feature Guide Reference
1.5.4.6 Trunk Busy Out

Trunk Call Limitation
• [472] Extension-to-Trunk Call Duration
• [473] Trunk-to-Trunk Call Duration
• [502] Trunk Call Duration Limitation

Feature Guide Reference
1.11.8 Trunk Call Limitation
3.2 Feature Programming References

V

Verification Code Entry
- [120] Verification Code
- [121] Verification Code Name
- [122] Verification Code Personal Identification Number (PIN)
- [123] Verification Code COS Number

Feature Guide Reference
1.9.6 Verification Code Entry

Virtual PS
- [690] PS Registration

Feature Guide Reference
1.25.6 Virtual PS

Voice Mail (VM) Group
- [601] Terminal Device Assignment
- [660] VM Group Floating Extension Number

Feature Guide Reference
1.24.1 Voice Mail (VM) Group

Voice Mail DPT (Digital) Integration
- [201] Transfer Recall Time

Feature Guide Reference
1.24.3 Voice Mail DPT (Digital) Integration

W

Walking COS
- [005] Extension Personal Identification Number (PIN)

Feature Guide Reference
1.9.5 Walking COS

Walking Extension
- [007] DSS Console Paired Telephone

Feature Guide Reference
1.28.3 Walking Extension

Wireless XDP Parallel Mode
- [515] Wireless XDP Parallel Mode for Paired Telephone

Feature Guide Reference
1.25.5 Wireless XDP Parallel Mode