Important Information

When using the KX-T7665, keep the following conditions in mind.

- If there is any problem, unplug the extension line and connect a known working phone. If the known working phone operates properly, have the defective phone repaired by a specified Panasonic Factory Service Centre. If the known working phone does not operate properly, check the KX-TDA series Business Telephone Systems and the internal extension wiring.
- Keep the unit away from heating appliances and electrical noise generating devices such as fluorescent lamps, motors and televisions. These noise sources can interfere with the performance of the unit.
- This unit should be kept free of dust, moisture, high temperature (more than 40 ºC) and vibration, and should not be exposed to direct sunlight.
- Do not use benzine, thinner, or the like, or any abrasive powder to clean the cabinet. Wipe it with a soft cloth.
- Do not use any handset other than a Panasonic handset.
- Do not disassemble this product. Dangerous electrical shock could result. The unit must only be disassembled and repaired by qualified service technicians.
- When a failure occurs which exposes any internal parts, disconnect the telephone line cord immediately and return this unit to service centre.
- Never attempt to insert wires, pins, etc, into the vents or other holes of this unit.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.
THE HANDSET EARPIECE IS MAGNETISED AND MAY RETAIN SMALL FERROUS OBJECTS.

IMPORTANT NOTICE:
Under power failure conditions, this telephone may not operate. Please ensure that a separate telephone, not dependent on local power, is available for use in an emergency.

Note: • In this manual, the suffix of each model number is omitted.
    • This Class B digital apparatus complies with Canadian ICES-003.

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## Features List

### Operation

<table>
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</thead>
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</tr>
<tr>
<td><em>Outside (CO) Line button</em></td>
<td>&quot;extension no.&quot;</td>
</tr>
<tr>
<td><strong>Redial</strong></td>
<td><strong>To store</strong></td>
</tr>
<tr>
<td><em>Confirmation Tone</em></td>
<td>&quot;program&quot;</td>
</tr>
<tr>
<td><strong>Quick Dialling</strong></td>
<td><strong>To store</strong></td>
</tr>
<tr>
<td><em>Ringback Tone</em></td>
<td>&quot;quick dial no.&quot;</td>
</tr>
<tr>
<td><strong>One-touch Dialling</strong></td>
<td><strong>To store</strong></td>
</tr>
<tr>
<td><em>Ringback Tone</em></td>
<td>&quot;program&quot;</td>
</tr>
<tr>
<td><strong>Operator Call</strong></td>
<td><strong>To store</strong></td>
</tr>
<tr>
<td><em>Ringback Tone</em></td>
<td>&quot;0&quot;</td>
</tr>
<tr>
<td><strong>Personal Speed Dialling</strong></td>
<td><strong>To store</strong></td>
</tr>
<tr>
<td><em>Ringback Tone</em></td>
<td>&quot;program&quot;</td>
</tr>
<tr>
<td><strong>System Speed Dialling</strong></td>
<td><strong>To dial</strong></td>
</tr>
<tr>
<td><em>Ringback Tone</em></td>
<td>&quot;0&quot;</td>
</tr>
<tr>
<td><strong>Doorphone Call</strong></td>
<td><strong>To set</strong></td>
</tr>
<tr>
<td><em>Ringback Tone</em></td>
<td>&quot;* 3 1&quot;</td>
</tr>
<tr>
<td><strong>Automatic Callback Busy</strong></td>
<td><strong>To set</strong></td>
</tr>
<tr>
<td><em>Ringback Tone</em></td>
<td>&quot;* 6&quot;</td>
</tr>
<tr>
<td><strong>During a Conversation</strong></td>
<td><strong>To hold</strong></td>
</tr>
<tr>
<td><em>Confirmation Tone</em></td>
<td>&quot;HOLD&quot;</td>
</tr>
<tr>
<td><strong>Call Hold</strong></td>
<td><strong>To retrieve an outside call from another extension</strong></td>
</tr>
</tbody>
</table>
## Features List

<table>
<thead>
<tr>
<th>Feature</th>
<th>Operation</th>
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<tbody>
<tr>
<td><strong>During a Conversation</strong></td>
<td></td>
</tr>
<tr>
<td>Call Transfer</td>
<td>![TRANSFER Icon] [C. Tone] extension no. To an extension</td>
</tr>
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<td><strong>Useful Features</strong></td>
<td></td>
</tr>
<tr>
<td>Off-Hook Monitor</td>
<td><strong>To set/cancel</strong> During a conversation using the handset</td>
</tr>
<tr>
<td>Call Park</td>
<td><strong>To set</strong> [TRANSFER Icon] [C. Tone] parking zone no. (2 digits) Specified</td>
</tr>
<tr>
<td></td>
<td>![TRANSFER Icon] [C. Tone] Auto</td>
</tr>
<tr>
<td></td>
<td>![TRANSFER Icon] [C. Tone]</td>
</tr>
<tr>
<td>Multiple Party Conversation</td>
<td><strong>To add other parties during a conversation</strong></td>
</tr>
<tr>
<td></td>
<td>![CONFERENCE Icon] [C. Tone] desired phone no. Talk to the new party.</td>
</tr>
<tr>
<td></td>
<td>![CONFERENCE Icon] [C. Tone]</td>
</tr>
<tr>
<td></td>
<td>Talk with multiple parties.</td>
</tr>
<tr>
<td></td>
<td><strong>To leave a conference</strong></td>
</tr>
<tr>
<td></td>
<td>![CONFERENCE Icon] [C. Tone]</td>
</tr>
<tr>
<td>Call Pickup</td>
<td>![DSS Icon] [C. Tone] extension no. Directed</td>
</tr>
<tr>
<td></td>
<td>![DSS Icon] [C. Tone] group no. (2 digits) Group</td>
</tr>
<tr>
<td></td>
<td>![DSS Icon] [C. Tone]</td>
</tr>
<tr>
<td>Sending a Call Waiting Tone</td>
<td><strong>While hearing a busy tone</strong></td>
</tr>
<tr>
<td></td>
<td>1 Wait for an answer.</td>
</tr>
<tr>
<td>Answering a Call Waiting</td>
<td><strong>To hold the current call then talk to the new party</strong></td>
</tr>
<tr>
<td></td>
<td>![HOLD Icon] [C. Tone] [INTERCOM Icon]</td>
</tr>
<tr>
<td></td>
<td>![HOLD Icon] [C. Tone] [INTERCOM Icon]</td>
</tr>
</tbody>
</table>

* Disregard this step if both parties are extensions.
# Features List

<table>
<thead>
<tr>
<th>Feature</th>
<th>Operation</th>
</tr>
</thead>
</table>
| **Paging**               | **To page**  
|                          | 1. Press [1] (star)  
|                          | 2. Press [3]  
|                          | 3. Press [3]  
|                          | 4. Dial paging group no. (2 digits)  
|                          | 5. Press [C. Tone]  
|                          | 6. Announce  
|                          | **To answer**  
|                          | 1. Press [1] (star)  
|                          | 2. Press [3]  
|                          | 3. Press [3]  
|                          | 4. Press [C. Tone]  
|                          | **To allow/deny a paged announcement**  
|                          | 1. Press [7]  
|                          | 2. Press [2]  
|                          | 3. Press [1]  
|                          | 4. Press [1]  
|                          | 5. Press [C. Tone]  

| **Message Waiting**      | **Caller**  
|                          | **To leave a message waiting indication**  
|                          | *MESSAGE*  
|                          | *C. Tone*  
|                          | **Called extension**  
|                          | **To call back**  
|                          | *MESSAGE*  
|                          | *C. Tone*  

| **Log-in/Log-out**       | **For Log-in**  
|                          | 1. Press [7]  
|                          | 2. Press [3]  
|                          | 4. Press [1]  
|                          | 5. Press [C. Tone]  
|                          | **For Log-out**  
|                          | 1. Press [7]  
|                          | 2. Press [3]  
|                          | 0. Press [C. Tone]  

| **Before Leaving Your Desk** | **Setting Absent Message**  
|                               | **To set**  
|                               | 1. Press [7]  
|                               | 2. Press [5]  
|                               | 0. Press [C. Tone]  
|                               | **message no. (1-9)**  
|                               | **parameter (if required)**  
|                               | 0. Press [C. Tone]  

| **Call Forwarding**       | **Both Calls**  
|                          | **Outside Calls**  
|                          | **Intercom Calls**  
|                          | **All calls**  
|                          | **Busy**  
|                          | **No answer**  
|                          | **Busy/No answer**  
|                          | **Cancel**  

--- 4 ---
# Features List

## Before Leaving Your Desk

<table>
<thead>
<tr>
<th>Feature</th>
<th>Operation</th>
</tr>
</thead>
</table>
| **Extension Lock** | **To lock**
| | ♦ ➤ * 7 7 1 **C. Tone** |
| | **To unlock**
| | ♦ ➤ * 7 7 0 ➤ **extension PIN** (max. 10 digits) **C. Tone** |

## Setting the Telephone According to Your Needs

<table>
<thead>
<tr>
<th>Feature</th>
<th>Operation</th>
</tr>
</thead>
</table>
| **Do Not Disturb** | ♦ ➤ * 7 1 ➤ **Both Calls**
| | | ♦ ➤ * 1 ➤ **Outside Calls**
| | | ♦ ➤ * 2 ➤ **Intercom Calls**
| | ➤ **Set**
| | ➤ **Cancel** **C. Tone** |
| **Extension Setting Clear** | ♦ ➤ * 7 9 0 **C. Tone** |

<table>
<thead>
<tr>
<th>Feature</th>
<th>Operation</th>
</tr>
</thead>
</table>
| **Timed Reminder** | ♦ ➤ * 7 6 0 1 ➤ **12 H**
| | | ➤ **hour/minute** (4 digits) ➤ **0 AM** ➤ **1 PM** |
| | ➤ **24 H**
| | | ➤ **hour/minute** (4 digits) |
| | ➤ **To set**
| | ➤ **To cancel**
| | ➤ **To stop or answer the ring back**
| **Receiving Call Waiting** | ♦ ➤ * 7 3 1 ➤ **0** No Call
| | | ♦ ➤ * 1 ➤ **Tone**
| | | ♦ ➤ * 3 ➤ **Whisper OHCA** **C. Tone**
| | ➤ **To set/cancel for intercom calls**
| | ➤ **To set/cancel for outside calls**
| | ➤ **No tone** ➤ **Tone** **C. Tone** |

- For more details, refer to the Business Telephone System User Manual or consult your dealer.
- You can change the flexible CO buttons to the feature buttons.
- “Location of Controls” is shown on page 6.
**Location of Controls**

1. **LCD (Liquid Crystal Display)**
2. **PROGRAM**: Used to enter and exit the personal programming mode.
3. **TRANSFER**: Used to transfer a call to another party.
4. **INTERCOM**: Used to make or receive intercom calls.
5. **VOLUME Control Button**: Used to adjust the volume.
6. **AUTO ANS (Auto Answer)/MUTE**: Used to receive an incoming call in hands-free mode or mute the microphone/handset during a conversation.
7. **AUTO DIAL/STORE**: Used for System/Personal Speed Dialling or storing programme changes.
8. **REDIAL**: Used to redial the last dialled number.
9. **FLASH/RECALL**: Used to disconnect the current call and make another call without hanging up.
10. **HOLD**: Used to place a call on hold.
11. **Microphone**: Used for the hands-free conversation.
12. **SP-PHONE (Speakerphone)**: Used for the hands-free operation.
13. **Flexible Outside (CO) Line Buttons**: Used to make or receive an outside call. Pressing this button seizes an idle outside line automatically. (Button assignment is required.) Also used as feature buttons. (Button assignment is required.)
14. **MESSAGE**: Used to leave a message waiting indication or call back the party who left the message waiting indication.
15. **Message/Ringer Lamp**: When you receive a call, the lamp flashes red. When someone has left you a message, the lamp stays on red.

**Setting**

**Ringer volume**

- While on-hook or receiving a call
  - Press **UP** or **DOWN**.

**LCD Contrast**

- While on-hook
  - **PROGRAM**
  - **AUTO DIAL**
  - **STORE**

**Ring Tone**

- **PROGRAM**
- **(CO)**
- **INTERCOM**
- **0**
- **1**
- **0**
- **8**

- *The ring tone pattern of patterns 09 to 30 is the same as pattern 01.*

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## Settings on the Programming Mode

<table>
<thead>
<tr>
<th>To enter the programme mode</th>
<th>To exit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PROGRAM</strong></td>
<td><strong>PROGRAM</strong></td>
</tr>
</tbody>
</table>

### Operation

<table>
<thead>
<tr>
<th>Loop-CO (L-CO)</th>
<th>Single-CO (S-CO)</th>
<th>Direct Station Selection</th>
<th>Intercom</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Program</strong></td>
<td><strong>Program</strong></td>
<td><strong>Program</strong></td>
<td><strong>Program</strong></td>
</tr>
</tbody>
</table>

**Preferred Line Assignment-Outgoing**

```
1 9
```

**Preferred Line Assignment-Incoming**

```
2 0
```

**Alternate Receiving-Ring/Voice**

```
2 1
```

**Call Waiting for Outside calls**

```
3 0
```

**Call Waiting Selection**

```
3 1
```

**Call Waiting Tone Type Selection**

```
3 2
```

**Extension PIN [Personal Identification Number] (PIN-max.10 digits)**

```
9 0
```

**Station Programming Data Default Set**

```
#  #
```
Connection

1 Pull down the handset hook until it locks, so the tab holds the handset.

2 Remove the attached stand.

3 Mount the unit on the wall.

To temporarily place the handset down during a conversation, hook it over the top edge of the phone as shown.

CAUTION
Ensure the cords are inserted in the groove to prevent damage to the connector.

Wall Mounting

The availability of D-XDP function depends on the software version of the connected Business Telephone System. Consult your dealer for more details about D-XDP.

Connect to a KX-TDA series Business Telephone System (TO MAIN UNIT).

Connect to a digital proprietary telephone for D-XDP (TO DIGITAL).

Connect to a digital proprietary telephone for D-XDP ( ).

The telephone line cord (included)

< Back view>