

# KX-TA308

Telephone System



**Panasonic**  
**ideas for life**

## KX-TA308 Telephone System



### Improve the Lines of Communication in Your Home with a Panasonic KX-TA308 Telephone System

You have a thriving home business, two kids who love to talk on the phone, three telephone lines, two computers, CO based voice mail service and a fax machine. Needless to say, the lines of communication in your home are quite complex.

Expressly designed to streamline home communications, a KX-TA308 System organizes your phone lines into a cohesive system and makes a host of advanced features available to each extension in your home.

This new, easy-to-install telephone system comes with a modular Plug-and-Play design using RJ14 plugs, and it has basic station programming done at the factory, so the system is basically ready to use right out of the box.

With a KX-TA308 System all of your residential, home office and fax lines can be accessed from any system phone jack. You can make room-to-room intercom calls, forward your calls to an outside location, monitor a room, page all system extensions and more.

# KX-TA308

## Big Features, Small Package

The KX-TA308 is a fully self-contained, non-expandable, 3 line x 8 extension Advanced Hybrid PBX phone system perfect for the average size home. This system contains many of the features of larger systems but in a smaller package. Built-in Call Waiting Caller ID, Door Phone/Opener Card and Message Waiting Notification for phone company voice mail service are just a few of the features available with the KX-TA308. The system's modular design also connects easily, without special hardware, to the KX-TA30820, KX-TA30830 and the KX-TA30850 - three Panasonic phones made just for this system. In addition, the KX-TA308 system also connects to standard single line phone devices, such as modems, fax machines and telephones.

### You Make the Call.

All three of the new Panasonic phones made for the KX-TA308 system contain 12 flexible Central Office (CO) Feature Buttons that are preprogrammed at the factory for one-touch outside line selection and station intercom dialing. The KX-TA30850 is a basic system phone with monitor speaker, the KX-TA30820 includes a speakerphone and the KX-TA30830 includes a speakerphone and a backlit single line LCD display. They all have a beautiful contemporary design, and all three models are available in either decorator white or charcoal black.

## Easy to use. Hard to choose.

			
	<b>KX-TA30850</b>	<b>KX-TA30820</b>	<b>KX-TA30830</b>
Programmable Illuminated CO Keys	12	12	12
<b>Fixed Keys with LED Indicators</b>			
Auto Answer/Mute		•	•
Auto Dial/Store	•	•	•
Conference	•	•	•
FWD/DND	•	•	•
Intercom/Page	•	•	•
<b>Fixed Keys Without LED Indicators</b>			
Flash/Recall	•	•	•
Message	•	•	•
Program	•	•	•
Redial	•	•	•
Pause	•	•	•
<b>Large Fixed Keys</b>			
Monitor	•		
Speakerphone Key With LED Indication		•	•
Transfer Key	•	•	•
Hold Key	•	•	•
Navigation Key			•
Speakerphone		•	•
Speaker Volume Control	•	•	•
3 Position Ringer Volume Switch	•	•	•
Message/Ringer Lamp	•	•	•
1-line, 16-Character Backlit LCD Display			•
LCD Contrast Adjustment			•
2.5mm Headset Jack	•	•	•
Color	Black/White	Black/White	Black/White



## System Features

### Room-to-Room Intercom

Finishing up some paperwork in your home office and need to find out if your child is ready for soccer practice? By using the room-to-room intercom feature, you can call them in their room and get the answer you need without leaving your desk.

### Auto Answer

This convenient option, for calls made from internal extensions only, lets the user answer a call instantly without picking up the receiver. When a call comes in, a beep will notify the receiving party and they can just start talking. This can be quite useful when the user's hands are not free to handle the phone or push buttons.

### Room Monitor

Allows you to silently monitor a room from any system phone in the house. The room being monitored must contain a proprietary system phone with a built-in speakerphone.

### Central Office Voice Mail Service Compatible

If you subscribe to phone company voice mail service the user's phone messages are stored in their voice mailbox at the phone company's central office (CO). Each outside line can be assigned its own CO voice mailbox. When a voice mail

message is left on any one of the three outside CO lines, the large message-waiting LED will flash on each system phone and the associated outside CO line button will also flash. By simply pressing the flashing outside CO line button and the "message" button on any extension, the user can access their messages at any time. And, by preprogramming a local access number, up to 24 digits, the user can avoid having to manually dial the number every time they want to retrieve a message.

### Caller ID<sup>1</sup>

The KX-TA30830 has a backlit, single-line LCD display that can alternately display the name and number of the incoming call (if provided by the local phone company). It can also show the name and number of an incoming call, even while you're on another call.

### Door Phone & Door/Gate Opener

The KX-TA308 system has a built-in Doorphone and Door/Gate Opener Adapter Card which will add security to your home. With these options installed, our Advanced Hybrid Telephone Systems can interface with one or two door intercoms and control one or two electronic door contact closures. If you have more than one door intercom, you can assign each a unique ringing pattern<sup>2</sup> to help you distinguish which one was pressed. You can also use the adapter cards to remotely control any compatible devices such as an electric door strike for opening doors.

### System Speed Dial

Lets you program frequently called numbers into the system for quick and easy dialing from any system phone.

### Single-Line Device Integration

The KX-TA308 system allows you to connect many types of single-line telephone devices such as answering machines, cordless phones, fax machines and computer modems, without the need for additional cards or modules. You save money by using equipment that you already own and by avoiding upgrade costs.



Add a cordless system phone for productivity and mobility.

**The KX-T7885 cordless phone uses 900 MHz operation and Panasonic Sound Charger™ technology for great range and crisp, clear sound. Model KX-TD7895 adds Digital Spread Spectrum technology for even longer range and protection from eavesdropping. Both models feature flexible keys that can be programmed to access central office outside lines or system functions like speed dialing direct to other extensions. They also have fixed keys for intercom, hold, redial, conference and transfer functions.**



#### **KX-T7885**

- 12 CO Line Capability
- Long-Life Nickel Metal Hydride Battery
- Caller ID Compatible<sup>1</sup>
- 3-Line Multi-Function Backlit LCD Readout
- Headset Jack & Belt Clip
- Message Waiting Indicator
- Vibrating or Ringer Signal



#### **KX-TD7895**

- 12 CO Line Capability
- 3-Line, Multi-Function, Backlit LCD Readout
- Caller ID Compatible<sup>1</sup>
- Headset Jack and Belt Clip
- Message Waiting Indicator
- Digital Spread Spectrum Technology

#### **Paging**

Allows you to make a voice announcement simultaneously to all proprietary phones in the system. Rounding up the troops for dinner will be a breeze.

#### **Off-Premises Call Forwarding**

This feature comes in handy if you're going to be away from home for awhile and don't want to miss any calls. Simply program the system to forward your calls to an outside telephone number or to your cellular phone and you can answer your calls wherever you go.

#### **Toll Restriction**

This feature lets you prohibit certain outgoing calls by restricting selected system extensions from accessing specified area codes or exchanges.

#### **Flexible Ringing Assignment**

Allows you to program which phones will ring on each line.

#### **Conferencing**

Allows you to combine two calls from two different lines together, so you can talk to both parties at the same time.

#### **Background Music**

Connect an appropriate audio source to the system and you can play music through any proprietary phone with a built-in speakerphone. When the phone rings or the handset is lifted, the music will temporarily stop.

#### **Night Mode**

Great for children's rooms or a home office, this feature automatically prevents selected extensions from ringing at night.

#### **System Speed Dial**

Lets you program frequently called numbers into the system for quick and easy dialing from any system phone.

<sup>1</sup> - Requires subscription to a fee-based telephone company service.

<sup>2</sup> - Distinctive ringing patterns are only compatible with Panasonic proprietary phones.

# KX-TA308 System Features List

Absent Message Capability	6
Account Code Entry (Force Verified)	24
Account Code Entry (Optional)	•
Automatic CO Hunting	•
Automatic Fault Logging	•
B.G.M. (Background Music) Jack	•
Callback Busy	•
Call Forwarding	•
Call Hunting (Terminal or Circular)	•
Call Parking Zones	10
Call Park Retrieve	•
Call Pick Up	•
Call Transfer/Transfer Recall	•
Call Waiting	•
Caller ID, Call Logging <sup>1</sup>	(20/Station)
Caller ID, Call Log Lock <sup>1</sup>	•
Caller ID, Callback <sup>1</sup>	•
Caller ID, Call Waiting <sup>1</sup>	•
Caller ID (Name and/or Number) <sup>1</sup>	•
Call Retrieval from TAM	•
Class of Service	5
CO Based Voice Mail Service Compatible	•
CO Limited Duration Timer	•
CO Line Status (Two Color LED)	•
Conference Calling (3-Party)	•
Data Dump (Printout of System Program Data)	•
Data Line Security (for Fax or Modem)	•
Data and Time Display	•
Delayed Ringing	•
D.I.L. (Direct In Line)	•
Distinctive Ringing Tone (CO, Intercom)	•
Distinctive Ringing Tone (Doorphones)	•
D.N.D. (Do Not Disturb)	•
Do Not Disturb Override	•
Door Intercoms/Door Opener Contacts	2/2
Dual Port Usage (Parallel SLT Station)	•
Duration Time of Call Display	•
Electronic Station Lock	•
Emergency Call Number Programming	•
Extension Groups	8
Extension Name on Display when Idle	•
Exclusive Hold	•
Executive Override	•
Executive Override Deny	•
External Paging Ports	1
Fax Transfer	•
Flexible CO Keys (DSS/BLF, One-Touch Dial)	•

Flexible DSS Keys (One-Touch, Feature Access)	•
Flexible Key Assignments	•
Flexible Line Assignments	•
Flexible Night Service/Programmable/Manual	•
Flexible Ringing Assignment (Day, Night)	•
Flexible Ringing Assignment (Lunch)	•
Flexible Station Numbering	•
Hands-Free Answer Back Intercom	•
Handset/Headset Display Phones	•
Hold	•
Hold Recall/Hold Reminder	•
Industry Standard Telephone Capability	•
Internal Paging (All Call Paging)	•
Internal Paging (Zone Paging)	8-Zones
Last Number Redial	•
Limited Call Duration	•
Memory Back-Up	•
Message Waiting - Proprietary Phones	•
Military Time Display	•
M.O.H. (Music on Hold)	•
Multiple Voice Mail Lamps	•
Off-Hook Tone Signaling	•
On-Site Programming Diagnostics	•
Operator Call	•
Power Failure Transfer	•
Pre-Selection (Central Office or Intercom)	•
Privacy Release	•
Remote Station Lock Control	•
Ringing Line Preference	•
Room Monitor	•
Saved Number Redial	•
Secret Dialing	•
S.M.D.R. (Station Message Detail Recording)	•
Station Name Display	•
Station to Station Messaging	•
Station Speed Dial Numbers	10
System Speed Dial Numbers	100
System Working Report	•
Timed Reminder	•
Toll Restriction	5-Class
Toll Restriction Override	•
Tone/Pulse Conversation	•
Tone/Pulse Dialing (By CO Line)	•
Transfer (Screened/Unscreened)	•
Trunk Groups	6
Unattended Conference Call	•
Walking Class of Service	•

<sup>1</sup> –Requires subscription to a fee-based telephone company service.

## KX-TA308 Specifications

Item	Specification
System Capacity	Trunk: 3 CO Outside Lines Extension: 8 Hybrid Ports for System Phones or SLT Doorphone/Opener: 2
Control Method	CPU: 16 Bit CPU/ROM: 4 Mbit, RAM 1Mbit
Switching	Space Division CMOS Cross-Point Switch
Power Supplies	Primary 120V AC, 60Hz (1.2A) Secondary Circuit Voltage: +5V, +26V
Intercom Paths	4
Dialing Mode	Internal: Tone/Pulse
Connector	CO Line: 2-Pin Modular Connector (RJ11) Ext. Line: 4-Pin Modular Connector (RJ14) Pager/Music Source: EIAJ RC06701 A Plug (Two-Conductor 3.5mm in diameter) RS232C: For SMDR Output
DTMF Receiver	2
Telephone Compatibility	KX-TA30820/KX-TA30830/KX-TA30850, KX-TD7895, KX-T7885 and SLT's
Max Leakage Resistance	15,000 ohms
Ring Voltage	80 Vrms at 20Hz depending on the Ringing Load
Central Office Loop Limit	1600 Ohm Max.
Environmental Requirement	0° - 40°C (32° - 104°F) 10% - 90% Relative Humidity
Dimensions (H x W x D)	14.4" x 11.1" x 3.7"