

KX-TEA308-NE & KX-TES824-NE Advanced Hybrid Systems

The KX-TEA308 and KX-TES824 Advanced Hybrid PBX Systems are cost effective, sophisticated communication solutions, helping you keep in close contact with your business partners, customers, suppliers, employees, colleagues, friends and even family members. You can even connect a variety of communication devices, such as cordless phones, answering machines, computer modems, credit card verifiers, fax machines and any other device that works with conventional telephone lines.

Packed with so many features - the Panasonic KX-TEA308 and KX-TES824 are ideal for small businesses or home offices requiring a flexible system with a high degree of sophistication.



▶ FEATURE LIST

- Absent Message Capability
- Account Code Entry (Option / Forced / Verified)
- Alternate Calling - Ring / Voice
- Automatic Callback Busy (Camp-on)
- Automatic Configuration for Outside (CO) Line Type
- Automatic Fax Transfer
- Battery Backup Interface (Built - in)
- Built-in Voice Message (BV)*1
- Busy Station Signalling (BSS)
- Call Barring
- Call Forwarding
 - All
 - Busy / No Answer
 - Follow Me
- Caller ID Display on SLT and APT*1 *3
- Calling Party Control (CPC) Signal Detection*2
- Call Park
- Call Pickup
- Call Routing for Fixed Line SMS
- Call Splitting
- Call Transfer
 - To Extension
 - To Outside (CO) Line
- Call Waiting
- Conference (3-Party / 5-Party)
- Conference, Unattended (3-Party)
- Data Line Security
- Direct in Line (DIL)
- DISA (Direct Inward System Access) with message (3-level, 1ch, 180sec)
- Distinctive Dial Tone
- DND (Do Not Disturb)
- DND Override
- Door Opener*1
- Doorphone Call*1
- DSS Console
- Emergency Call
- Executive Busy Override (Extension / CO Line)
- Executive Busy Override Deny
- Extension Group
- Extension Password / System Password
- External Feature Access
- Flexible Extension Numbering
- Handsfree Answerback
- Hold
- Intercept Routing
- Intercom Calling
- Limited Call Duration (1~32 minutes)
- Log-In / Log-Out
- Message Waiting
- Music on Hold / Background Music (BGM)
- One-Touch Dialling
- Operator Call
- Outgoing Message (OGM)
- Paging
 - All Extension
 - Group
 - External
- Paging Deny
- Parallel Telephone Connection
- Pickup Dialling (Hot Line)
- Polarity Reverse Detection*2
- Power Failure Transfer
- Preferred Line Assignment
 - Incoming
 - Outgoing
- Programming (via PT / PC)
- Pulse to Tone Conversion
- Redial
 - Automatic
 - Last Number
 - Saved Number
 - Logged Caller ID*1
- Ringing Pattern Selection
- Room Monitor (APT / Doorphone)
- Secret Dialling
- Speed Dialling
 - System
 - Personal
- Station Feature Clear
- Station Hunting
- Station Lock
- Station Lock, Remote
- SMDR (Station Message Detail Recording)
- Time (Day / Night / Lunch) Service
 - Automatic
 - Manual
- Timed Reminder
- Timed Reminder, Remote
- UCD (Uniform Call Distribution) with message
- Voice Mail Integration (APT / DTMF)
- Walking COS (Class of Service)

*1 An optional card is required.

*2 Polarity Reverse Detection is subject to the telephone company services in your country.

*3 Please contact your dealer or phone company to confirm if the Caller ID service is available in your area.
APT: Analogue Proprietary Telephone
SLT: Single Line Telephone

▶ INTERFACES

RS-232C
USB (1.1)
Battery Interface
Doorphone / Door Opener
External Music Source
External Pager

► SPECIFICATIONS

► CONFIGURATION

	Basic	Option (KX-TE82480) 2CO's / 8 SLTs	Option (KX-TE82483) 3CO's / 8 Hybrid Extensions	Option (KX-TE82474) 8 SLTs
KX-TEA308	Outside (CO) Lines: 3 Extensions : 8			
KX-TE824	Outside (CO) Lines: 3 Extensions : 8	→ 5	→ 8	
		→ 16	→ 24	
			→ 6	→ 6
			→ 16	→ 24
			→ 3	
			→ 16	

► SPECIFICATIONS

ITEM	KX-TEA308	TES824
Maximum Capacity	3COs 8 Extensions (8:Hybrid)	8COs 24 Extensions (16:Hybrid 8:SLT)
Intercom Paths	3	4
Dialling Method	External: Tone (DTMF) / Pulse (10 pps, 20 pps) Internal: Tone (DTMF) / Pulse (10 pps, 20 pps)	
Dialling Conversion	Pulse to DTMF	
Connections	CO Line Intercom Paging External Music SMDR Programming	
SMDR	Detail Recording: Date, Time, Extension Number, CO Line Number, Dialed Number, Call Duration, Account Code, ID*3	
Polarity Reverse Detection*2	Yes	
Voice Mail Ports	2 ports (APT or DTMF)	
DTMF Receivers	2	
DTMF Generator	1	
CO - CO Transfer Path	1	2
Power Failure Transfer Ports	1	
Direct Connection to External Battery	Yes	
Power Source	AC 100 - 240 V, 50/60 Hz	
Power Consumption	34W	45W
Dimensions (W x H x D) mm	249 x 316 x 73	368 x 284 x 73
Weight (when fully expanded)	Approx. 1.8 Kg	Approx. 3.5 Kg

► SYSTEM COMPONENTS

Option	Description	KX-TEA308	KX-TE824
KX-TE82460	2-Port Doorphone Interface Card	Max.1	Max.1
KX-TE82461	4-Port Doorphone Interface Card	N/A	Max.1
KX-TE82474	8-Port Single Line Telephone Extension Card	N/A	Max.1
KX-TE82480	2-Port Analogue CO Line and 8-Port Single Line Telephone	N/A	Max.1
KX-TE82483	3-Port Analogue CO Line and 8-Port Hybrid Extension Card	N/A	Max.1
KX-TE82491	Message Expansion Card for OGM	N/A	Max.1
KX-TE82492	2-Channel Voice Message Card	Max.1	Max.1
KX-TE82493	3-Port Caller ID Card	Max.1	Max.3
KX-T30865	Doorphone	Max.2	Max.4
KX-A227	Back-up Battery Cable	Max.1	Max.1

► SYSTEM CAPACITY (MAX.)

ITEM	KX-TEA308	KX-TE824
Operator	1	1
System Speed Dialling	100	100
Personal Speed Dialling	10 / Ext.	10 / Ext.
One-Touch Dialling	Max 12 / Ext.	Max 12 / Ext.
Extension Groups	8	8
UCD Group	1	1
Toll Restriction Levels	5	5
Account Codes (Verified)	50	50
Call Park	10	10
Call Log (Caller ID)*3	20 (Personal) 300 (Common)	20 (Personal) 300 (Common)
Absent Messages	6	6
Message Waiting	8 / Ext.	8 / Ext.
Emergency Codes	5	5
External Music Source	1	1
External Pager	1	1
Doorphones	2	4
Door Openers	2	4
DSS Consoles	2	2
Outgoing Message (DISA)	180 sec	360 sec
Outgoing Message (BV)	125 messages or 60 min. (/1 ch)	125 messages or 60 min. (/1 ch)