Panasonic
ideas for life

Advanced Hybrid System

KX-TES824

Features 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 Ringer 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 (Idle Hunt Group)
- 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.
*[4] Doorphone #1 and Doorphone #2 can not be used at the same time.
Doorphone #3 and Doorphone #4 can not be used at the same time.
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-TES824	Outside (CO) Lines:3 Extensions : 8	5 16	8 24	
			6 16	6 24
				3 16

System Capacity (Max.)

ITEM	KX-TES824
Operator	1
System Speed Dialling	100
Personal Speed Dialling	10 / Ext.
One-Touch Dialling	Max 12 / Ext.
Extension Groups	8
UCD Group	1
Toll Restriction Levels	5
Account Codes (Verified)	50
Call Park	10
Call Log (Caller ID)*[3]	20 (Personal) 300 (Common)
Absent Messages	6
Message Waiting	8 / Ext.
Emergency Codes	5
External Music Source	1
External Pager	1
Doorphones	4
Door Openers	4
DSS Consoles	2
Outgoing Message (DISA)	360 sec
Outgoing Message (BV)	125 messages or 60 min. (/1 ch)

Specifications

ITEM	KX-TES824
Maximum Capacity	8CO's 24 Extensions (16:Hybrid 8:SLT)
Intercom Paths	4
Dialling Method	External: Tone (DTMF) / Pulse (10 pps, 20 pps) Internal: Tone (DTMF) / Pulse (10 pps, 20 pps)
Dialling Conversion	Pulse to tone
Connections	CO Line Intercom Paging External Music SMDR Programming
SMDR	Detail Recording: Date, Time, Extension Number, CO Line Number, Dialled Number, Call Duration, Account Code, Caller ID*[3]
Polarity Reverse Detection*[2]	Yes
Voice Mail Ports	2 ports (APT or DTMF)
DTMF Receivers	2 / 8 Extension
DTMF Generator	1 / 8 Extension
CO - CO Transfer Path	2 / CO Line Card
Power Failure Transfer Ports	1 / CO Line Card
Direct Connection to External Battery	Yes
Power Source	AC 110 - 240 V, 50/60 Hz
Power Consumption	45W
Dimensions (W x H x D)	368 mm x 284 mm x 117 mm
Weight (when fully expanded)	Approx. 3.5 Kg

Options

Option	Description	KX-TES824
KX-TE82461	4-Port Doorphone Interface Card*[4]	Max.1
KX-TE82474	8-Port Single Line Telephone Extension Card	Max.1
KX-TE82480	2-Port Analogue CO Line and 8-Port Single Line Telephone	Max.1
KX-TE82483	3-Port Analogue CO Line and 8-Port Hybrid Extension Card	Max.1
KX-TE82491	Message Expansion Card for OGM	Max.1
KX-TE82492	2-Channel Voice Message Card	Max.1
KX-TE82493	3-Port Caller ID Card	Max.3
KX-T30865	Doorphone	Max.4
KX-A227	Back-up Battery Cable	

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