



MULTI-CELL DECT SYSTEM

the voice of business

Panasonic
ideas for life

SYSTEM OVERVIEW



KX-TCA355AL
Tough Type Model



KX-TCA275AL
Compact Business Model



KX-TCA175AL
Basic Model

Enjoy superb mobility no matter where you work, whether it is in an office, factory, warehouse, supermarket or other large facility. The Panasonic Multi-Cell DECT System keeps you in constant touch with colleagues and key customers even when you have to leave your work area. Elegant, compact and convenient, these high-performance telephones put advanced communication technology at your fingertips.

The Multi-Cell DECT System is an integrated wireless system that is specifically designed for use with a Panasonic IP-PBX.

This system provides automatic hand-over between cells, giving you true communication mobility even in large premises.

The KX-TCA275AL DECT handset combines small size and light weight, with a host of powerful features. The KX-TCA175AL is a good choice for users who want good basic performance at a lower cost. And for users who require a ruggedised handset, the new Panasonic

KX-TCA355AL meets strict dust and splash resistant IP54 standards. This is combined with a vast array of business telephony features.

* The KX-TCA175AL, KX-TCA275AL and KX-TCA355AL must be connected to a Panasonic IP-PBX System.

Panasonic Multi-Cell DECT System Features

Easy Operation

- Graphical Icon Menu
- Dynamic Operation Guidance with Soft Keys

Colour LCD Screen*

Whenever you get a call or touch a key, the LCD lights up in colour so you can see who's calling and easily operate the phone - even in the dark.

* KX-TCA175AL and KX-TCA275AL only.

Easy Access to PBX Features

Flexible Programmable Keys let you register PBX features and handset functions for quick, convenient access. A graphical PBX Feature Menu is also available to further improve operating ease.

Seamless Connection – Automatic Hand-Over

There is no change in the connection quality as you move from one cell station area to the next while conversing with a colleague in the same building or with a customer outside.

200-Station Phonebook

The built-in telephone directory lets you store 200 station names and numbers.

Automatic Answer / Optional Headset for Hands-Free Conversation

Plug in the optional headset and enjoy the ease and unrestricted freedom of hands-free communication.

With the optional headset, you can answer incoming calls without even touching the handset.

Incoming Call Indication by Vibration*

KX-TCA275AL and the KX-TCA355AL have a built-in Vibrate feature that ensures you'll never miss an incoming call, even in a noisy place.

* KX-TCA275AL and KX-TCA355AL only.

Polyphonic Ring Tones

A variety of high-quality sounds can be reproduced for your ring tones. You can choose from 10 pre-set melodies and 10 ring tones, depending on the model.

Customised Caller ID*

You can customise the Caller ID feature to quickly recognise a caller by assigning one of three LED colours and 15 pre-installed ringer/ melody sounds to specified groups.

* Requires subscription to a Caller ID service offered by a local telephone company.

Illuminated Keypad

For easier operation in dim lighting, the keyboard lights up when a call comes in or when you touch a key.



SYSTEM OVERVIEW

Extending Wireless Communication

Panasonic's PBX systems allow wireless communication over an extended range by using multiple and High Density cell stations that boost the flexibility and mobility of your wireless handsets. The system provides automatic

hand-over between installed wireless cells – enhancing coverage and giving you true communication mobility even within large premises.

IP Wireless Solutions for Branch Offices

Panasonic's new KX-NCP0158 IP Cell

Station provides cost effective wireless solutions for remote branch offices and large offices via IP. Businesses can save on installation and cabling costs through the use of its IP connectivity and sharing of voice-data networks.



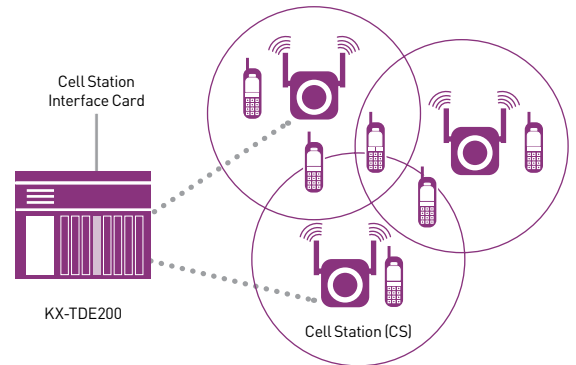
SPECIFICATIONS	KX-TCA355	KX-TCA275	KX-TCA175
Liquid Crystal Display (LCD)	16 x 6 Lines Back Light (Blue)	16 x 6 Lines Colour (65K)	16 x 6 Lines Colour (65K)
Multiple Languages Display	16 (fixed)	16 (fixed)	16 (fixed)
Illuminated Keypad	Yes (Green)	Yes (Yellow)	Yes (Yellow)
Headset Compatible	Yes	Yes	Yes
Phonebook	200	200	200
Redial	Last 5 Numbers	Last 5 Numbers	Last 5 Numbers
Call Log	Incoming Call 10 Outgoing Call 5	4* 4*	4* 4*
Soft Keys	3	3	3
Speakerphone	Yes	Yes	Yes
Ringer LED	3 Colours	Red/Green	Red/Green
Ringer Volume	6 Levels and Off	6 Levels and Off	6 Levels and Off
Ring Melodies (Polyphonic)	9	10	10
Ring Tones (Polyphonic)	6	10	10
Vibrate Ring	Yes	Yes	-
Message Waiting Notification	Yes	Yes	Yes
Mute	Yes	Yes	Yes
Caller ID Compatibility	Yes	Yes	Yes
Private Ringing	Yes	Yes	Yes
Hot-Key Dialling	10	Yes	Yes
Alarm Clock	3	3	3
Call restriction	Yes	Yes	Yes
Conference Calling	Yes	Yes	Yes
Ear Receiver Volume	3 Steps	4 Levels	4 Levels
Key Lock	Yes	Yes	Yes
Any-key Answering	Yes	Yes	Yes
Frequency	1.9 GHz	1.9 GHz	1.9 GHz
Dimensions (L x W x D) (mm)	150 x 50 x 27	123 x 45 x 23	143.5 x 47 x 24
Weight	160 g	115 g	130 g
Battery Type	Ni-MH 3.6V 650mAh	Ni-MH 3.6V 700mAh	Ni-MH 3.6V 700mAh
Battery Talk Time	17 hours	15 hours	15 hours
Battery Standby Time	270 hours	200 hours	200 hours
Battery Charge Time	5.5 hours	5.5 hours	7 hours

* The number of default settings depending on the PBX (KX-TDA/TDE/NCP)

Note
 IP5* = Dust resistance (Protection from dust penetration to a level that does not interfere with the operation of the handset)
 IP*4 = Water resistance (Protection against splashing water)

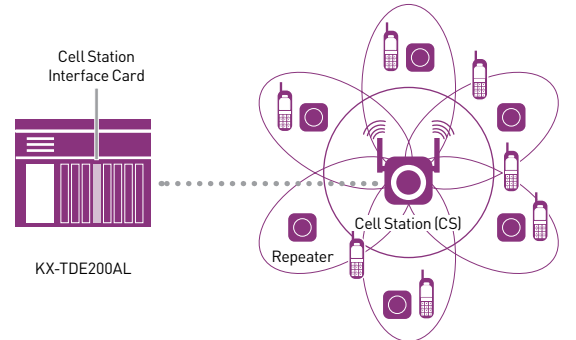
DECT COVERAGE STUDY

Study 1



Study 2

Used with a Repeater (KX-A272AL), the range can be extended. A maximum of six repeaters per CS is possible.



Note: Before making an installation cost estimate, it is necessary to survey the customer's site.



KX-TDA30
HYBRID IP-PBX SYSTEM

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KX-NCP500/1000
UNIFIED COMMUNICATIONS SYSTEM

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KX-TDE200/600
PURE IP-PBX SYSTEM

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VOICE PROCESSING SYSTEM
KX-TVM50
KX-TVM20

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**CONFERENCE RECORDING
SPEAKERPHONE SYSTEM**
KX-TS2602

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Head Office NSW
Austlink Corporate Park
1 Garigal Road
BELROSE 2085
PH: (02) 9986-7400
FAX: (02) 9986-7450

Panasonic
Customer
care
centre
132600

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