



MULTI-CELL DECT SYSTEM

the voice of business

Panasonic
ideas for life

SYSTEM OVERVIEW



KX-TCA355AL
Tough Type 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 KX-TDA Hybrid IP-PBX*.

◀ ACTUAL SIZE ▶



KX-TCA256AL
Compact Business Model

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

The KX-TCA256AL DECT handset combines small size and light weight with a host of powerful features. The KX-TCA155AL is a good choice for users who want good basic performance at a lower cost. And for users who users that 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-TCA155AL, KX-TCA256AL and KX-TCA355AL must be connected to a Panasonic KX-TDA Hybrid IP-PBX System.



KX-TCA155AL
Basic Model

Panasonic Multi-Cell DECT System Features

Easy Operation

- Graphical Icon Menu
- Dynamic Operation Guidance with Soft Keys

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.

SYSTEM OVERVIEW

Blue LCD Backlight

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

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-TCA256AL 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-TCA256AL and KX-TCA355AL only.

Polyphonic Ring Tones

A variety of high-quality sounds can be reproduced for your ring tones. You can choose from 9 pre-set melodies and 6 ring tones.

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.

SPECIFICATIONS

| | KX-TCA355 | KX-TCA256 | KX-TCA155 |
|------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Liquid Crystal Display (LCD) | 16 x 6 Lines Back Light (Blue) | 16 x 6 Lines Back Light (Blue) | 16 x 6 Lines Back Light (Blue) |
| Multiple Languages Display | 16 (fixed) | 16 (fixed) | 16 (fixed) |
| Illuminated Keypad | Yes (Green) | Yes (Green) | Yes (Green) |
| Headset Compatible | Yes | Yes | Yes |
| Phonebook | 200 | 200 | 200 |
| Redial | Last 5 Numbers | Last 5 Numbers | Last 5 Numbers |
| Call Log* | Incoming Call | 10 | 10 |
| | Outgoing Call | 5 | 5 |
| Soft Keys | 3 | 3 | 3 |
| Speakerphone | Yes | Yes | Yes |
| Ringer LED | 3 Colours | 3 Colours | 3 Colours |
| Ringer Volume | 6 Levels and Off | 6 Levels and Off | 6 Levels and Off |
| Ring Melodies (Polyphonic) | 9 | 9 | 9 |
| Ring Tones (Polyphonic) | 6 | 6 | 6 |
| 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 | 10 | 10 |
| Alarm Clock | 3 | 3 | 3 |
| Call Restriction | Yes | Yes | Yes |
| Conference Calling | Yes | Yes | Yes |
| Ear Receiver Volume | 3 steps | 3 steps | 3 steps |
| 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 22 | 143 x 48 x 31.5 |
| Weight | 160 g | 120 g | 130 g |
| Battery Type | Ni-MH | Ni-MH | Ni-MH |
| | 3.6V 650mAh | 3.6V 650mAh | 2.4V 700mAh |
| Battery Talk Time | 17 hours | 17 hours | 10 hours |
| Battery Standby Time | 270 hours | 270 hours | 120 hours |
| Battery Charge Time | 5.5 hours | 5.5 hours | 9 hours |

* The number of default settings. When connected to the KX-TDA Hybrid IP PBX.

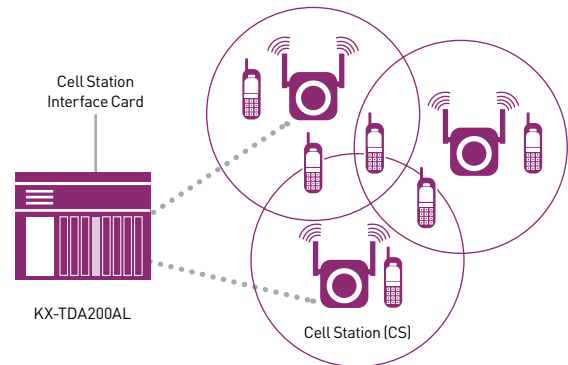
SYSTEM CAPACITY

| | KX-TDA30AL | KX-TDA200AL | KX-TDA600AL |
|--|------------|-------------|-------------|
| KX-TDA0144 (8 Cell Station Interface Card) | - | 4 | 16 |
| KX-TDA0142 (4ch Cell Station) | - | 32 | 128 |
| KX-TDA0141 (2ch Cell Station) | 8 | - | 128 |
| DECT Handset | 28 | 128 | 256/512* |

* A maximum of 512 DECT Handsets can only be achieved on a KX-TDA600AL with Memory Expansion Card [EMEC] installed.

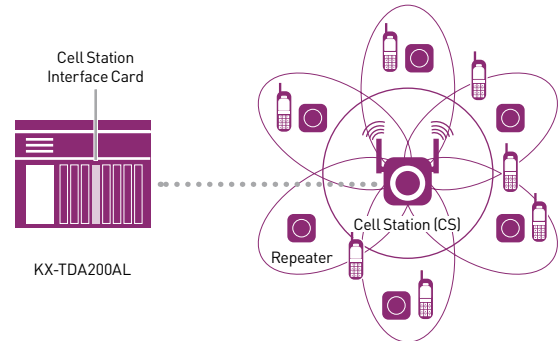
DECT COVERAGE STUDY

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-TDE200AL
PURE IP-PBX SYSTEM

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KX-TDA30AL
HYBRID IP-PBX SYSTEM

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KX-TDA200AL
HYBRID IP-PBX SYSTEM

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KX-TDA600AL
HYBRID IP-PBX SYSTEM

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VOICE PROCESSING SYSTEM
KX-TVM50AL
KX-TVM200AL

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**CONFERENCE RECORDING
SPEAKERPHONE SYSTEM**
KX-TS730AL

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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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