

Wireless Solution



Enhance your PBX product line-up with superb wireless mobility. Now you can offer DECT solutions to your customers wherever they work - offices, factories, hospitals, hotels, warehouses, supermarkets, or any other facility that requires a wireless telephony solution.

Panasonic Multi-cell DECT systems help companies stay in constant touch with both business colleagues and important customers - making sure all the important calls are properly handled without tying employees to a desk phone.

Wireless Handset Line-up

The Panasonic DECT telephone range are the KX-TCA155 Standard and the KX-TCA255 Compact DECT handsets. Both handsets have exceptional and appealing design, and are easy to use. Both models support a Navigation key for dynamic operations and a large Blue Backlit LCD.



KX-TCA155
(Standard) **KX-TCA255**
(Compact)

Flexible Keys



There are 12 programmable flexible keys for the TCA255 and 3 for the TCA155, which can store such handset information as: Line Access, Extension numbers, Call Log, Call Forward, Redial and many more.

200 Station Phonebook



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

Ringer Options



The handsets contain 6 ring tones and 9 Polyphonic ringer melodies.

The KX-TCA DECT range accessories:



KX-A288:
KX-TCA155 Standard
Leather Case.



KX-A287:
KX-TCA255 Executive
Leather Case.



KX-A286:
KX-TCA255 Standard
Leather Case.

Low End DECT Cell Station (KX-TDA0141)

The Panasonic KX-TDA0141 is a Two Channel DECT cell station for the KX-TDA PBX. It can be connected to the PBX directly through a Digital Extension Card.

Cost Effective

Eliminating the need for a separate Cell station Interface card reduces the overall cost of the DECT solution. The KX-TDA0141 is ideal for a SOHO (small office home office) that has low DECT traffic and requires a reasonably priced solution.

Benefits

- The KX-TDA0141 is easy to install.
- Allows DPT (Digital Proprietary Telephones) and Cell Station to be connected on same extension card.
- Eliminates the need for a separate CS Interface card, Cell Station, and external power supply.
- More than 1 KX-TDA0141 can be connected to an extension card.

Compatibility

The KX-TDA0141 is compatible with the following PBX systems: KX-TDA15, KX-TDA30, KX-TDA100, KX-TDA200, and KX-TDA600

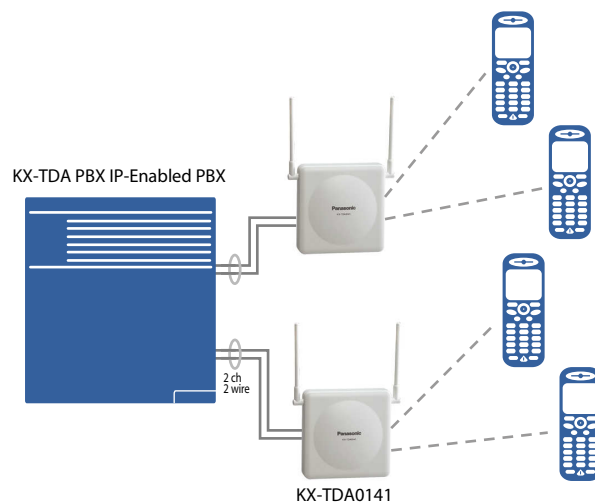


Diagram showing Multi-cell connection of KX-TDA0141 to KX-TDA PBX

■ DECT Cell station Repeater (KX-A272)

The KX-A272 DECT Repeater greatly extends the range of your DECT telephones or PBX cell stations. The KX-A272 repeater extends the range in all directions, allowing several floors to be covered.

The KX-A272 DECT repeater supports the following:

- 2 simultaneous speech paths (2ch) per repeater.
- Maximum of 128 DECT handsets, in stand-by mode (depending on PBX and configuration).
- Maximum of 6 repeaters registered to 1 Cell station.
- Maximum of 3 repeaters connected in 'Daisy Chain' mode.
- Allows seamless Handover between DECT handset, cell station and repeater.

Installation

The KX-A272 repeater is simple to install. The repeater supports both Automatic and Manual registration to the cell station. The repeater is registered to the Cell station in the same way as a DECT handset.

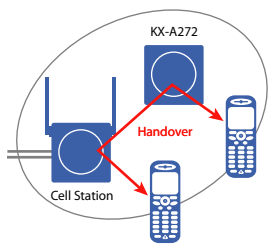
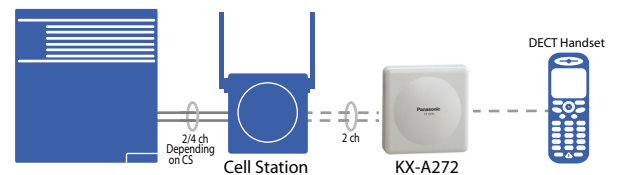
Coverage

The KX-A272 repeater expands your DECT capabilities to a wider area.

Compatibility

The KX-A272 is compatible with the following cell stations:

- KX-TDA0141
- KX-TDA0142

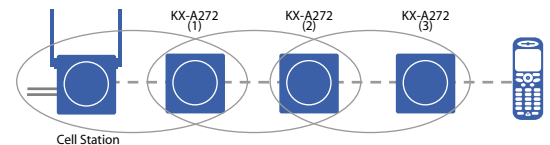


Handover

The KX-A272 support seamless handover between the cell station and the repeater. A Maximum of 6 repeaters can be registered to 1 cell station. Handover is supported between all repeaters.

Daisy Chain Connection

Connecting the repeaters in a daisy chain configuration allows the coverage for the DECT handset to expand over a great distance. Only 3 repeaters can be connected in a 'Daisy Chain' fashion.



Economical Solution for low call traffic customers

The KX-A272 repeater is ideal for customers who have low DECT traffic. The repeater supports 2 DECT channels, which translates to 2 simultaneous calls.

■ Specifications

Wireless Handset



	KX-TCA155	KX-TCA255
Liquid Crystal Display (LCD)	6 x 16 Lines	6 x 16 Lines
Back Light	Blue	Blue
Multiple Language Display	16 (Fixed)	16 (Fixed)
Illuminated Keypad	Yes (Green)	Yes (Green)
Headset Compatible	Yes	Yes
Phonebook	200	200
Redial	Last 5 Numbers	Last 5 Numbers
Caller ID Compatibility	Yes	Yes
Call Log ¹		
Incoming Call	10	10
Outgoing Call	5	5
Soft Keys	3	3
Programmable Menu Flexible Keys	3	12
Speakerphone	Yes	Yes
Ringer LED	3 Colours	3 Colours
Ringer Melodies	9	9
Vibrate Ring	-	Yes
Any-key Answer	Yes	Yes
Dimensions (HxWxD) (mm)	143 x 48 x 31.5	120 x 45 x 22
Weight	130 g	112 g
Battery Type	Ni-MH (AAA) ²	Ni-MH (Proprietary)
Battery Talk Time	10 hours	17 hours
Battery Standby Time	120 hours	270 hours
Battery Charge Time	7 hours	5.5 hours

¹ The number of default settings. When connected to KX-TDA PBX

² Rechargeable Ni-MH compatible

Cell Station



	KX-TDA0141	KX-TDA0142	KX-A272
Description	PBX Cell Station		Repeater
Number of Channels	2 Duplex Channels	4 Duplex Channels	2 Duplex Channels
PBX Interface	Digital Extension Port	KX-TDA0143 (4CS) or KX-TDA0144 (8CS)	N/A
Standard	DECT (Digital Enhanced Cordless Telecommunication). Frequency: 1.88GHz to 1.9GHz. Approx 250mW RF transmission power		
Operating Range	Up to 300m outdoors (line of sight). Up to 50m indoors		
Number of Wires	2	4	N/A
Max. Wire length	500m	1Km	N/A
Power Source	Powered by PBX		AC Adapter 220-240V 50/60Hz (Wire length 1.5m)
Dimensions (HxWxD)(mm)	140* x 140 x 37		140 x 140 x 37
PBX Compatibility	KX-TDA15	-	√
	KX-TDA30	-	√
	KX-TDA100	√	√
	KX-TDA200	√	√
	KX-TDA600	√	√

* Height of unit increases to 245mm when antenna is fully extended