



# Panasonic® KX-TPA60® and KX-PA65® phones and KX-A406® Wireless Repeater

## Quick Reference Guide



KX-TPA65®



KX-TPA60®



KX-A406®



# Panasonic® KX-TPA60® and KX-PA65® phones and KX-A406® Wireless Repeater

## Quick Reference Guide

### NAVIGATION

#### Line keys

View the status of phone lines.

#### Soft keys

Select the function listed above the key.



Available functions change if phone is idle, ringing or in-call.

#### Menu navigation



Use to navigate menus. Press **centre** button to select an option or open a menu.

- Open incoming log
- Open phone book

#### Function key

Activate predefined function keys.

#### Clear

TPA60: TPA65:

Clear digits or characters. (Hold for more than one second to clear the entire number.)

#### Cancel

TPA60: TPA65:

Cancel dialling; exit phonebook/function mode.

#### Power (TPA60)

Turn on/off handset (press and hold).

#### Speakerphone

TPA60: TPA65:

#### Volume

TPA60: TPA65:

Change ringer volume (when idle). Change call volume (during a call).

#### Silent

TPA60: TPA65:

Press and hold to turn off ringer and key tones.

### FUNCTIONS – STANDBY

#### New call

1. Press (TPA60) or pick up receiver (TPA65).
2. Dial the number.

Note: If flashes, move closer to the KX-TGP600 base unit and retry the call.

#### Call forward / Do not disturb

1. Press .
2. Use , to select FWD\*, then press **OK** .
3. Enter a destination number.

\* If Fwd (All) is selected, all incoming calls will be forwarded.

Note: Do not disturb is available only when connected to KX-TGP600 base unit.

#### Messages

1. Press (TPA60) or (TPA65).
2. Use to select the line on which is displayed.
3. Press **OK** .

### FUNCTIONS – RINGING

#### Answer call

TPA60: TPA65: Pick up handset

## FUNCTIONS – IN-CALL


### Hold/resume

TPA60:  TPA65: 




### Mute

TPA60: **MUTE** TPA65: 




### End call

TPA60:  TPA65: Hang up receiver

### Transfer call

1. Press  (TPA60) or  (TPA65).
2. Dial the party to transfer to, then press **CALL**.
3. When the other party answers, press  (TPA60) or hang up the handset (TPA65).

### Conference call

1. Press  or  / **CONF** (TPA65 only).
2. Dial the party to add to the call, then press **CALL**.
3. Press **CONF** or  (TPA65 only).

## ABOUT THE KX-A406 REPEATER

A KX-A406 repeater can be used to extend the range of a wireless handset to include areas where reception was previously not available. It extends the range in all directions, allowing several floors to be covered.

## REGISTERING REPEATERS

Up to two repeaters can be registered to one KX-TGP600 base unit.

Notes:

- Repeaters must be registered to the KX-TGP600 base unit one at a time.
- Do not disconnect the AC adaptor of any registered repeaters until all repeaters have been registered.
- Power down any CS you do not want to connect to the repeater before starting the registration process.

### Step 1 (base unit)

Set the base unit to REPEATER\_MODE="Y". You can change this setting from the handset menu, configuration file or web programming.

### Step 2 (base unit)

Press and hold the LOCATOR button for three seconds. The status LED on the base unit flashes red.

### Step 3 (repeater)

1. Place the unregistered repeater near the CS.
2. Turn on the repeater by connecting it to the AC adaptor. The status and RSSI/ID LEDs turn amber for two seconds.
3. If repeater is unregistered, status LED flashes red for two seconds. The repeater automatically enters Easy Registration mode.
4. When repeater detects a nearby CS, status LED turns green and registration complete.

### Step 4 (base unit)

Press the LOCATOR button. Status LED turns green

### De-registration

Easy Registration cannot be completed if a repeater is already registered to another CS. To de-register the repeater:

1. Press and hold the PROGRAM button.
2. While holding the PROGRAM button, turn on the repeater by connecting the AC adapter.
3. Continue to hold the PROGRAM button for 10 seconds until status LED turns red.
4. Release the PROGRAM button to reset the repeater. The repeater then enters Easy Registration mode.

Note: Skip this step if the repeater is NOT registered to a KX-TGP600 base unit.

## INSTALLING REPEATERS IN CASCADE CONFIGURATION

Up to three repeaters can be arranged in cascade configuration to further extend the range of your handsets. To cascade a third repeater, repeat steps 1 to 6 as follows.

Note: Make sure the first repeater is registered to the base station before proceeding.

### Step 1 (first repeater)

Press the PROGRAM button. The status LED turns yellow and the RSSI/ID LED starts to flash. The number of flashes corresponds to the ID number for this repeater. Take note of this ID number.

### Step 2 (first repeater)

Press the PROGRAM button to return to Normal mode. The top and bottom LEDs turn solid green.

### Step 3 (second repeater)

Turn the repeater on. The status LED turns red and flashes slowly. It has entered Easy Registration mode.

### Step 4 (second repeater)

Place the repeater in Manual Registration mode with the following steps:

1. Press and hold the PROGRAM button for five seconds. The status LED turns green and flashes rapidly.
2. Release the PROGRAM button. The status LED turns solid green and the RSSI/ID LED flashes red once. This means the ID number of this repeater is set to '1'.
3. If the ID number of the first repeater is not set to '1', you must change the ID number of the second repeater to match. Press the PROGRAM button of the second repeater a number of times equal to the ID of the first responder minus one (e.g., for ID 6, press the PROGRAM button five times).
4. Press and hold the PROGRAM button for five seconds to save the ID number. Release when the RSSI/ID LED turns solid red.
5. The repeater restarts. It is ready for registration when the status LED turns red and flashes slowly.

### Step 5 (base unit)

Press the LOCATOR button for four seconds until the status LED flashes red. The base unit is now in Registration mode.

### Step 6 (second repeater)

Wait for the status and RSSI/ID LEDs on both repeaters to turn solid green. This means they are synchronized.

### Step 6 (base unit)

Press the LOCATOR button to return to Normal mode.

### Step 7

Confirm the cascade configuration:

1. Turn off the first repeater.
2. Check the status and RSSI/ID LEDs of the second repeater. Both will turn red to indicate that the cascade configuration is lost.
3. Turn the first repeater back on and check the LEDs of the second repeater. Both will turn green to indicate a successful configuration.