

Panasonic KX-TGA405B

Panasonic KX-TGA405B DECT 6.0 Plus Cordless Phone System Range Extender Instruction Manual

Model: KX-TGA405B

1. INTRODUCTION

The Panasonic KX-TGA405B Range Extender is designed to significantly enhance the coverage area of your compatible Panasonic DECT 6.0 Plus Cordless Phone Systems. This device effectively doubles the transmission distance between your phone's base unit and its cordless handsets, allowing for greater freedom of movement within your home or office while maintaining clear communication.

This range extender is compatible with select 2010 Panasonic Cordless Telephones, specifically the KX-TG7500, KX-6500, and KX-4000 series cordless phone systems.

2. PRODUCT OVERVIEW

The KX-TGA405B is a compact, black unit designed to blend seamlessly into your environment. It features a status indicator light to provide visual feedback on its operational state.



Image: Front view of the Panasonic KX-TGA405B Range Extender, showing the Panasonic logo and STATUS/T/ID indicator lights.

What's in the Box:

- Panasonic KX-TGA405B Range Extender Unit
- AC Power Adapter
- Operating Instructions (this manual)

3. SETUP AND INSTALLATION

Proper setup is crucial for optimal performance of your range extender. Follow these steps carefully:

3.1 Placement:

- Place the range extender in a central location between your cordless phone's base unit and the area where you wish to extend the range.
- Ensure it is away from other electronic devices that may cause interference (e.g., microwaves, Wi-Fi routers).
- Avoid placing it in enclosed spaces or near large metal objects.

3.2 Power Connection:

1. Connect the AC power adapter to the DC IN jack on the range extender.
2. Plug the AC power adapter into a standard electrical outlet.
3. The STATUS indicator light on the extender will illuminate.

3.3 Registration (Pairing) with Base Unit:

If the range extender does not automatically connect or if you need to re-register it, follow these steps:

1. De-register (if necessary):

- Unplug the AC adapter from the range extender.
- While holding down the **PROGRAM** button on the back of the unit, plug the power adapter back into an AC receptacle.
- Continue holding the **PROGRAM** button for approximately 10 seconds until the STATUS light turns from solid to flashing amber. Release the button. Your range extender is now de-registered.

2. Register:

- Unplug the power adapter of the range extender from the AC outlet.
- On your Panasonic cordless phone's base unit, press and hold the **LOCATOR** button for about 5 seconds until a registration tone is heard.
- Within 10 seconds, plug the range extender's power adapter back into an AC outlet.
- Wait until the STATUS indicator on the range extender turns green.
- Press the **LOCATOR** button on the base unit again to turn off the registration tone.

The range extender is now successfully registered and ready for use.

4. OPERATING THE RANGE EXTENDER

Once properly set up and registered, the Panasonic KX-TGA405B operates automatically to extend the range of your compatible cordless phone system. No further user interaction is typically required for its primary function.

4.1 Status Indicator:

- **Solid Green:** The range extender is properly connected to the base unit and is actively extending the range.
- **Flashing Amber:** The range extender is not properly connected or is out of range of the base unit. Refer to the Troubleshooting section.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Panasonic KX-TGA405B Range Extender, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the unit with a soft, dry cloth. Avoid using abrasive cleaners, waxes, or solvents.
- **Location:** Keep the unit in a dry place, away from direct sunlight, excessive heat, and moisture.
- **Power:** Use only the supplied Panasonic AC power adapter.

6. TROUBLESHOOTING

If you encounter issues with your range extender, try the following solutions:

6.1 Extender Not Working / Amber Light:

- **Check Power:** Ensure the AC adapter is securely plugged into both the extender and a working electrical

outlet.

- **Reposition:** Try moving the range extender closer to the main base unit of your cordless phone system. Walls, large appliances, and other electronic devices can interfere with the signal.
- **Re-register:** Follow the de-registration and registration steps outlined in Section 3.3 to re-establish the connection with your base unit.
- **Compatibility:** Verify that your Panasonic cordless phone system is one of the compatible models (KX-TG7500, KX-6500, or KX-4000 series).

6.2 Poor Range Extension:

- **Optimal Placement:** Experiment with different locations for the range extender. The ideal spot is usually halfway between the base unit and the area where you need improved coverage.
- **Interference:** Ensure there are no large metal objects or other strong signal-emitting devices directly between the extender and the base unit or handsets.

7. SPECIFICATIONS

Feature	Detail
Model Number	KX-TGA405B
Brand	Panasonic
Color	Black
Wireless Communication Standard	DECT 6.0
Frequency Band Class	Single-Band
Product Dimensions	9.5 x 7.25 x 4.75 inches
Item Weight	7.1 ounces
Manufacturer	Panasonic
Date First Available	May 17, 2010

8. OFFICIAL PRODUCT VIDEOS

Product Overview Video

Your browser does not support the video tag.

Video: A brief overview of the Panasonic cordless phone system, highlighting its features and design. This video provides a general understanding of compatible phone systems.

Keep In Touch with Your Favorites - with Panasonic

Your browser does not support the video tag.

Video: This video showcases the user experience of Panasonic cordless phones, emphasizing ease of use and connectivity. While not specific to the extender, it illustrates the broader product ecosystem.

9. WARRANTY AND SUPPORT

For warranty information, technical support, or to access additional resources, please visit the official Panasonic support website or refer to the warranty card included with your product. Keep your purchase receipt for warranty

claims.

You can also find more information and support at the [Panasonic Store on Amazon](#).