User Manual - PBH301

Front Page

Panel Size:
5"(h) x 3.5"(w)

Legal Information

READ CAREFULLY AND KEEP THIS MANUAL

FCC Information

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undersired operation.

PBH301
Wi-Fi PIR Sensor

RF Exposure Information
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Rain/Moisture Warning
• Do not expose the unit to extreme temperatures (heat or cold), open flames, humid conditions, or wet conditions.
• Do not submerge in water.
• Do not open this product or attempt to repair the unit yourself should it not be working.

90 Days Limited Warranty

In the unlikely event that this product is defective, or does not perform properly, you may within ninety (90) days from your original date of purchase return it to the authorized service center for repair or exchange.

TO OBTAIN WARRANTY SERVICE:
• Go to our website portal to receive an SRO number.
• Provide proof of the date of purchase within the package (dated bill of sale).
• Prepay all shipping costs to the authorized service center, and remember to insure your return.
• Include a return shipping address (no P.O. Boxes), a telephone contact number, and the defective unit within the package.
• Describe the defect or reason you are returning the product.

Your product will be repaired or replaced, at our option, for the same or similar model of equal value if examination by the service center determines this product is defective. Products received damaged as a result of shipping will require you to file a claim with the carrier.

The shipping address of the authorized service center is:
Customer Service Dept. 36
c/o Southern Telecom
400 Kennedy Drive
Sayreville NJ 08872

Should you have any questions or problems concerning this product, please visit our website at:

SouthernTelecom.com and click on Product Support.

Warranty service not provided

This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, and unauthorized modification. This warranty is voided in the event any unauthorized person opens, alters or repairs this product. All products being returned to the authorized service center for repair must be suitably packaged.

Limitation of Warranty

• THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY AIT, INC. ITS AGENTS, OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE SCOPE OF THIS WARRANTY.
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PBH301
WI-FI SMART SECURITY
SENSOR

In the Box
• *PBH301 - **Wi-Fi Smart Security Sensor** (x1)
• Mini Screwdriver (x1)
• Wall Mount (x1)
• Sticker Pads (x2)
• Mounting Screw (x2)
• Plastic Anchor (x2)
• User Manual (x1)

Getting Started
This product works together with the PackardHome mobile app for Android and iOS devices. Make sure that your device's operating system software is up-to-date.

Please also check that your Wi-Fi router is working properly and that the Wi-Fi network you are connected to is a 2.4GHz channel, with WPA/WPA2 encryption.

PackardHome
Android 4.03+
iOS 8.0+

Setting Up PackardHome
1. Search for the **PackardHome** app on the *Apple App Store* or the *Google Play Store*. Accept any terms and conditions and install.
2. Launch the **PackardHome** app and login to your account or select **Sign Up** if you do not already have an account.
3. Follow the instructions to create an account. An activation email will be sent to your email account to complete the sign up process.

To view the in-app user guide in the **PackardHome** app tap the **Profile** icon and select **User Guide** on the menu. The in-app user guide will explain how to use the app itself, whereas this user guide focuses on setting up the device and the **PackardHome** app.

Before You Begin...
• Using the supplied mini screwdriver, unscrew the battery compartment door but do NOT insert batteries. **If you have already inserted the batteries please remove them before starting the pairing process, below.**
• The sensor requires **3 AA-sized alkaline batteries** *(not included)*.
• Move to the area that you plan on placing the security sensor. Check that your Wi-Fi signal is strong enough to connect to and maintain a connection on your mobile device.
• Install the **PackardHome** app on your mobile device.

Connecting to the PackardHome App
Make sure your mobile device is connected to a **2.4G Wi-Fi network**. 2.4GHz is the default channel type for Wi-Fi networks. 5GHz networks will typically have "5G" appended to their network name.

> 📶 YOUR WIRELESS_2.4G ✓
> 📶 YOUR WIRELESS_5G

NOTE: Once the batteries are inserted into the sensor, there will be a limited period to pair to your network with the **PackardHome** app. Do NOT insert batteries into the sensor until step 4, below:
1. Open and login to the **PackardHome** app.
2. Tap the devices tab, swipe to the Sensor tab, and tap the **[+]** icon at the top of the page.
3. Follow the instructions on screen to input your Wi-Fi network credentials and scan the QR code on the sensor.
4. **Insert 3 AA-sized alkaline batteries into the battery compartment.** Make sure they are correctly aligned to the polarities displayed on the inside of the compartment.
5. Tap the **Pairing** button on the screen and wait for the sensor to pair.

On a successful connection, the **PackardHome** app will return to its home screen where the sensor will be displayed. Close the battery compartment door and screw shut.

If the pairing attempt times out, the **PackardHome** app will display a message and return to its home screen. **Remove the batteries** and repeat the steps above.

Placing the Wi-Fi Sensor
The sensor can be installed to a wall or other flat, sturdy surface, or inserted into the supplied wall mount. The optimal position for the sensor is usually above a doorway or in the upper corner of a room, to provide the best vantage point for the sensor to observe motion.

Mounting on Wood or Drywall
Using a screwdriver, place the wall mount on the wall in the area you would like to install it, then drive and screw the two mounting screws into the wall mount's screw holes.
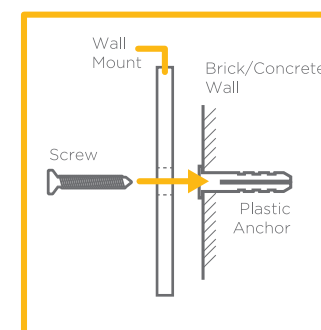
Mounting on Brick or Concrete
1. Place the wall mount against the wall and, using a pencil, mark the location of the two screw holes on the mount.
2. Using a power drill, drill two holes into the wall at the pencil-marked locations.
3. Insert a plastic wall anchor into the holes.
4. Place the wall mount back over the holes with the plastic anchors, and drill the screws into place.

Once the wall mount is installed, apply the two supplied sticker pads to the inside of the mount to prevent any scratches to the unit. Slide the Wi-Fi sensor into the wall mount.

Further Information
• Do not place any magnets or magnetized materials near the sensor as it may trigger or disrupt the connection to your PackardHome network.
• Make sure your Wi-Fi network and its signal strength covers the area that the sensor is placed. Please note that a Wi-Fi signal may not penetrate through concrete walls or solid doors and that, if it does, the strength of the signal will most likely be SEVERELY reduced.
• After installing a sensor, it is highly recommended to test it to check the performance to make sure that it is properly working.
• If there is a PBH101 **Wi-Fi Energy Monitoring Smart Plug** on your PackardHome network, the alarm can be configured to also be heard from the speaker that is built into the socket, in addition to the mobile app.
• The alarm can be configured or muted inside the app.
• If the sensor ceases to function, check that the batteries are still working and replace as necessary.

For any questions, please visit our website at:

SouthernTelecom.com and click on Product Support.

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