



## LG PREMTB100 Standard III Wired Remote Controller Instructions

[Home](#) » [LG](#) » LG PREMTB100 Standard III Wired Remote Controller Instructions 



### LG Standard III Wired Remote Controller PREMTB100



## Contents

- [1 PREMTB100 Standard III Wired Remote Controller](#)
- [2 Basic Functions:](#)
- [3 Dimensions:](#)
- [4 Documents / Resources](#)
  - [4.1 References](#)
- [5 Related Posts](#)

## PREMTB100 Standard III Wired Remote Controller

### Electrical:

Power Supply	12VDC Power From Indoor Unit
--------------	------------------------------

### Operating Environment:

Operating Temperature	32°F ~104°F (0°C ~ 40°C)
Storage Temperature	-4°F ~ +140°F (-20°C ~ +60°C)
Humidity	0 ~ 90 % (RH)

### Unit Data:

Dimensions	4-3/4" W x 4-3/4" H x 5/8" D
Mum Number of Indoor Units (per controller)	16
Maximum Number of Controllers (per Indoor Unit)	2

### Standard Features:

• 4-5/16" Color Display	• Time Display
• Touch Button	• Operation On / Off Status LED

### Basic Functions:

- Room Temperature and Humidity Sensing and Display
- Operation – On / Off
- Mode – Auto / Cool / Dry /Heat /Fan Only
- Ventilation Mode (For Ventilator Unit)
- Occupied Cooling and Heating Temperature Setpoint
- Unoccupied Cooling and Heating Setback Temperature Setpoint
- Fan Speed – Auto / Low / Med / High
- Discharge Vanes – Auto / Swing / Fixed

- Controller Lock Function
- Static Pressure Installer Setting
- Error Code Display During Unit or System Malfunction
- Auto Restart on Power Failure
- Manual Central Control Addressing

#### **Advanced Functions:**

- Time of Day Scheduling, Five (5) Events per Day with Control of Occupied /Unoccupied, On / Off, Mode, Setpoints, and Fan Speed
- Two Setpoint Autochangeover (For Heat Recovery Systems)
- Minimum Difference between Setpoints (0 ~ 10°) Adjustable Deadband
- Home Leave Function for Temporary Unoccupied Status
- Sub-function Setting
- Comfort Level Display
- External Equipment control via One (1) Digital Output
- Filter Sign Check and initialization
- Time Limit Control (30 minutes ~ 540 minutes, 30-minute units)
- AP Mode Setting for LG Wi-Fi Modem Installation

#### **Optional Accessories (Sold Separately):**

- PZCWRC1 – 33-foot Extension Cable Assembly
- PZCWRCG3 – Group Control Cable Kit

#### **Connectivity:**

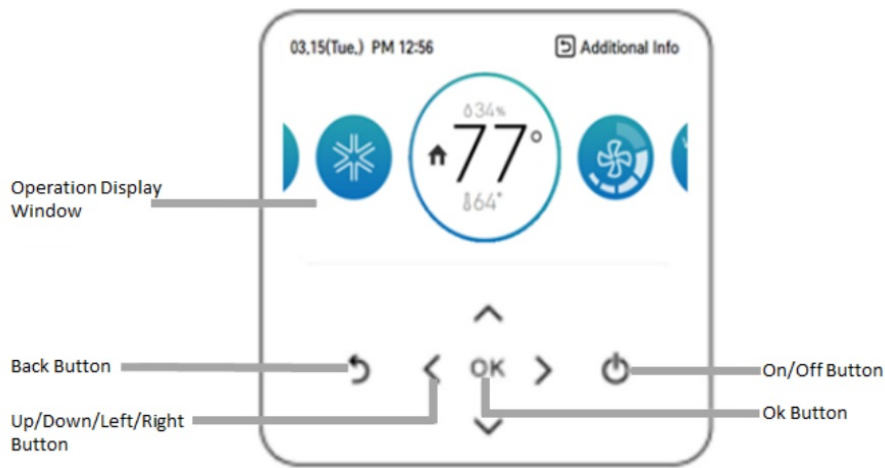
LG Communications

1 Channel for V-Net, Wi-Fi with ThinQ Capability

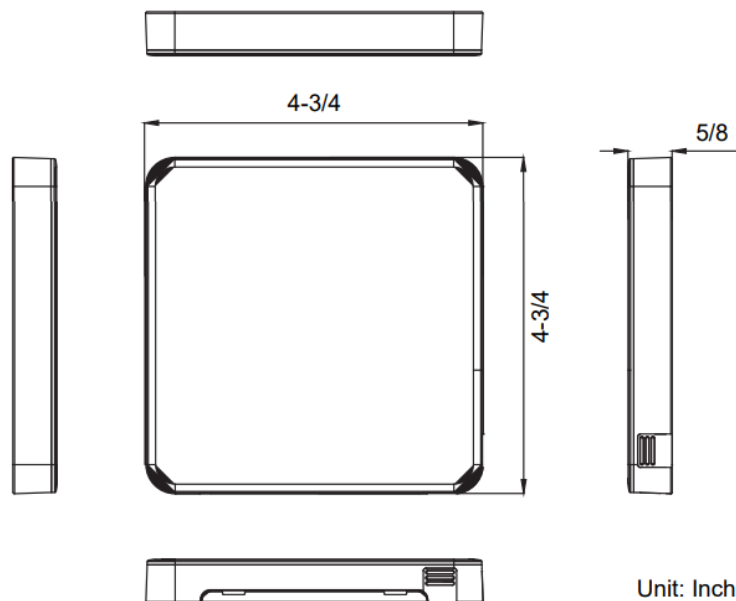
#### **Communications Cable Specifications (V-Net):**

Type	Three (3) Conductor (Red: 12V, Yellow: Signal, Black: GND), Stranded, Twisted, Unshielded
Size	AWG 22-3
Length <sup>2</sup>	Up to 164 feet

#### **Controller Screen and Buttons:**



## Dimensions:



## Notes:

1. Available functions/features may differ based on the connected system.
2. Communication cable can be extended to a maximum of 164 feet, between the controller and indoor unit, by using field-supplied wire or the Wired Remote Group Control Cable Assembly (PZCWRCG3) or Wired Remote Extension Cable (PZWRC1), a maximum of four (4).
3. Must follow installation instructions in the applicable LG installation manual.
4. A centralized controller (AC Smart / ACP Series) and Premium PDI are required for the energy target display function.

Must follow installation instructions in the applicable LG installation manual.

For continual product development, LG reserves the right to change specifications without notice.

© LG Electronics U.S.A., Inc.,

Englewood Cliffs, NJ. All rights reserved.

“LG Life’s Good” is a registered trademark of LG Corp. /[www.lghvac.com](http://www.lghvac.com)

SB\_Std\_III\_WiredRemoteController\_PREMTB100\_2022\_03\_25\_114541

## Documents / Resources

	<p><b><a href="#">LG PREMTB100 Standard III Wired Remote Controller</a></b> [pdf] Instructions  PREMTB100 Standard III Wired Remote Controller, PREMTB100, Standard III Wired Remote Controller, Wired Remote Controller, Remote Controller, Controller</p>
----------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

## References

- 
[Experience the LG Difference in HVAC - LG Air Conditioning Technologies](#)