**Manuals+** — User Manuals Simplified.



# LG PREMTBB10 Standard III Black Wired Remote Controller User Guide

**Contents**

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## LG Standard III Black 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

**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
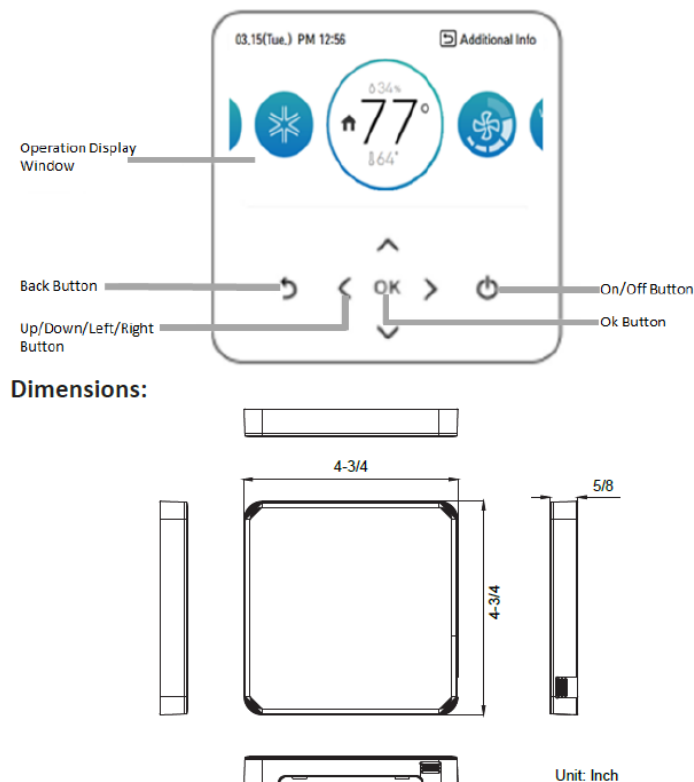- Length2 Up to 164 feet
- AWG – American Wire Gauge

## 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 Dead-band
- 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

## Controller Screen and Buttons



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.

**Optional Accessories (Sold Separately)**

- PZCWRC1 – 33-foot Extension Cable Assembly

- PZCWRCG3 – Group Control Cable Kit

Must follow installation instructions in the applicable LG installation manual. For continual product development, LG reserves the right to change specifications without notice.SB_Std_III_Black WiredRemoteController_PREMTBB10_2022_11_03_090947

## Documents / Resources

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|  | **LG PREMTBB10 Standard III Black Wired Remote Controller** [pdf] User Guide<br>PREMTBB10 Standard III Black Wired Remote Controller, PREMTBB10, Standard III Black Wired Remote Controller, Wired Remote Controller, Remote Controller |

## References

-  **Experience the LG Difference in HVAC - LG Air Conditioning Technologies**