

Job Name/Location:

Tag #:

Date:

For: ☐ File ☐ Resubmit

PO No.:

☐ Approval ☐ Other \_\_\_\_\_

Architect:

GC:

Engr:

Mech:

Rep:

(Company)

(Project Manager)

**PREMTB10U**

LG Programmable Wired Remote Controller

**Electrical:**

|              |                          |
|--------------|--------------------------|
| Power Supply | Powered from indoor unit |
|--------------|--------------------------|

**Surrounding Conditions:**

|                       |                        |
|-----------------------|------------------------|
| Operating Temperature | 32-104 °F              |
| Storage Temperature   | -4-176 °F              |
| Humidity              | 0-90% (non-condensing) |

**Unit Data:**

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

**Standard Features:**

- Backlit LCD Display
- Clock

**Basic Functions:**

- Room temperature 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/Power
- Discharge vanes - Auto/Swing/Fixed
- Controller lock function
- Static pressure installer setting
- Function setting for plasma filter, electric heat, humidifier, elevation grille, ventilation kit, and auxiliary heat option
- Error code display during unit or system malfunction
- Auto restart on power failure

**Advanced Functions:**

- Time of day scheduling, 5 events per day with control of occ/unocc, on/off, mode, setpoints, and fan speed
- Two setpoint autochangeover
- Minimum difference between setpoints (0-10°) adjustable deadband
- Setback button
- Timed override button
- Hold
- Occupied/unoccupied
- Set point range lock
- Guard timer

**Optional Accessories (sold separately):**

- ☐ PZCWR1 - 33-foot Extension Cable Assembly
- ☐ PZCWRG3 - Group Control Cable Kit
- ☐ PQWRHQOFDB - Wireless Remote Controller

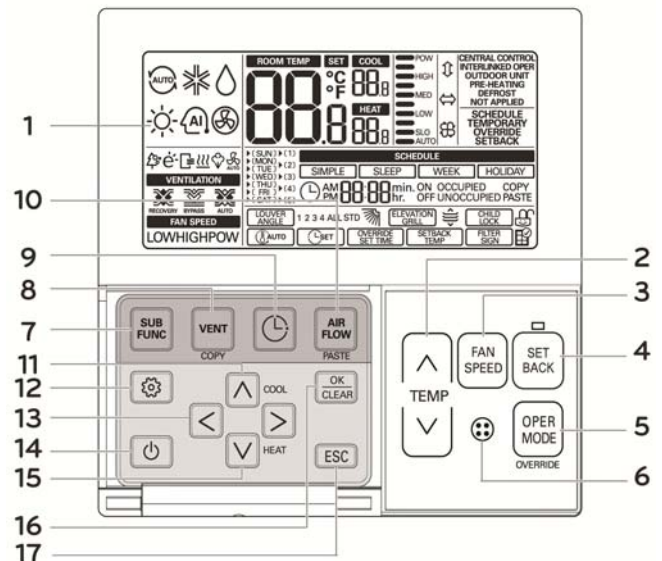
**Connectivity:**

|                   |                        |
|-------------------|------------------------|
| LG Communications | 1 Channel/RS-485 V-Net |
|-------------------|------------------------|

**Communications Cabling Specifications (V-Net):**

|        |          |
|--------|----------|
| Type   | Included |
| Size   | AWG 24-3 |
| Length | 33 ft    |

AWG - American Wire Gauge



- |                               |                                 |
|-------------------------------|---------------------------------|
| 1 Operation indication screen | 10 Air flow button              |
| 2 Set temperature button      | 11 Cooling desired temperature  |
| 3 Fan Speed button            | 12 Function setting button      |
| 4 Set back button             | 13 Up, Down, Left, Right button |
| 5 Operation mode selection    | 14 On/Off button                |
| 6 Wireless remote controller  | 15 Heating desired temperature  |
| 7 Sub function button         | 16 Setting/Cancel button        |
| 8 Ventilation button          | 17 Exit button                  |
| 9 Reservation button          |                                 |

**Notes:**

Available Functions/features may differ depending on connected system.  
 Communication cable can be extended to a maximum of 164 feet, between controller and indoor unit, by using the Wired Remote Group Control Cable Assembly (PZCWRG3) or Wired Remote Extension Cable (PZCWR1), maximum of 4.  
 Must follow installation instructions in the applicable LG installation manual.