Job Name/Location: _____ Tag #: _____

Date: _____

For: ☐ File ☐ Resubmit

☐ Approval ☐ Other _____

PO No.: _____

Architect: _____ GC: _____

Engr: _____ Mech: _____

Rep: _____

(Company)   (Project Manager)

PREMTB10U
LG Programmable Wired Remote Controller

LG
Life's Good

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 malfuntion
- 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):

- ☐ PZCWRC1 - 33-foot Extension Cable Assembly
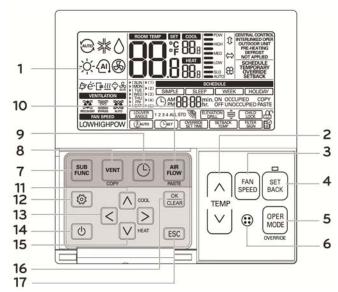- ☐ PZCWRCG3 - Group Control Cable Kit
- ☐ PQWRHQOFDB - Wireless Remote Controller

Connectivity:

LG Communications	1 Channel/RS-485 V-Net

Communications Cabling Specifications (V-Net):

Type	Field supplied
Size	22-3 AWG, twisted, stranded, unshielded
Length*	Up to 164 ft

AWG - American Wire Gage

*Communications cable can be extended to a maximum of 164 feet between controller and indoor unit using field-supplied cable or the Wired Remote Group Control Cable Assembly (PZCWRCG3) or Wired Remote Extension Cable (PZWRC1), maximum of 4.

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 field supplied cable or the Wired Remote Group Control Cable Assembly (PZCWRCG3) or Wired Remote Extension Cable (PZWRC1), maximum of 4.
Must follow installation instructions in the applicable LG installation manual.

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