

MUX-RPTR, MUX-RPTR-220/240 Link Booster



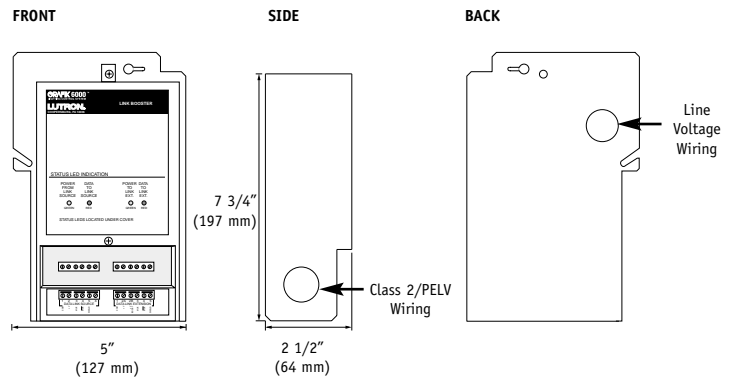
DESCRIPTION

The MX-RPTR Link Booster allows Wallstation or Panel Links in GRAFIK 5000/6000 to be extended beyond their normal maximum distances.

REQUIREMENTS

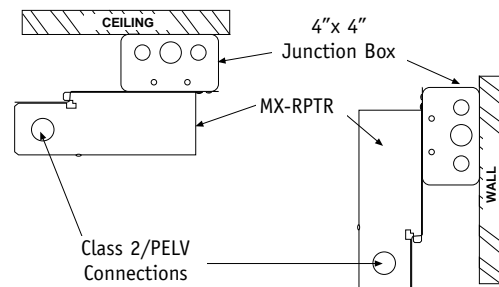
1. The booster must be located within 2000 ft. of the Central Processor Control Panel.
2. The link may be extended 2000 ft. for every MX-RPTR added to the link (maximum of three (3) repeaters may be used per link). Total maximum length including boosters- 8000 ft (2400 m).

DIMENSIONS



MOUNTING

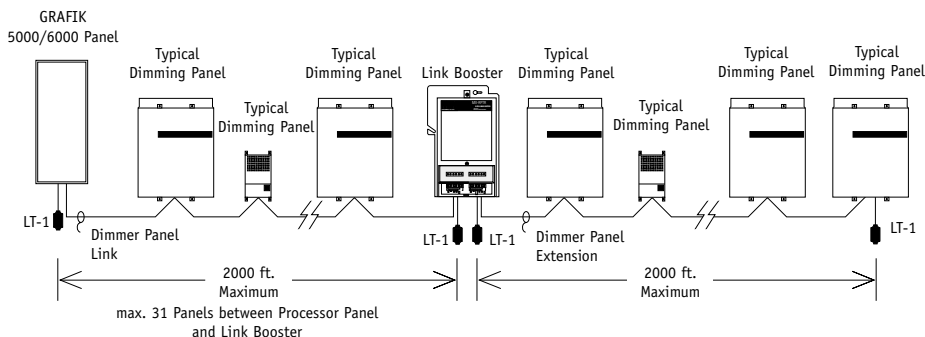
- Mount on a 4" (10.2mm) square junction box.
- Make sure you ground the metal casing. Connect a ground wire to the ground screw.
- Note that wires do not feed through back of unit.



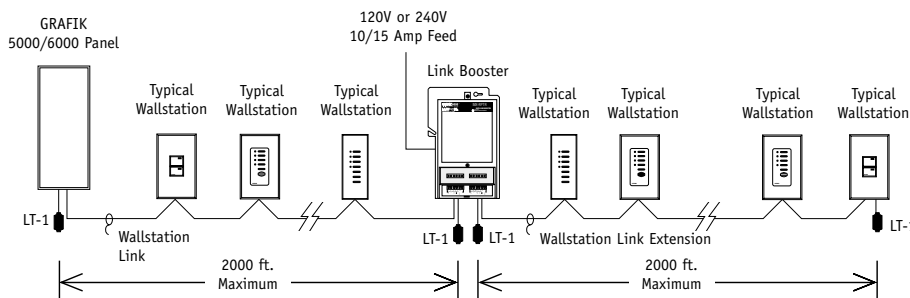
JOB NAME:	MODEL NUMBERS:
JOB NUMBER:	

LINK EXTENSION EXAMPLES:

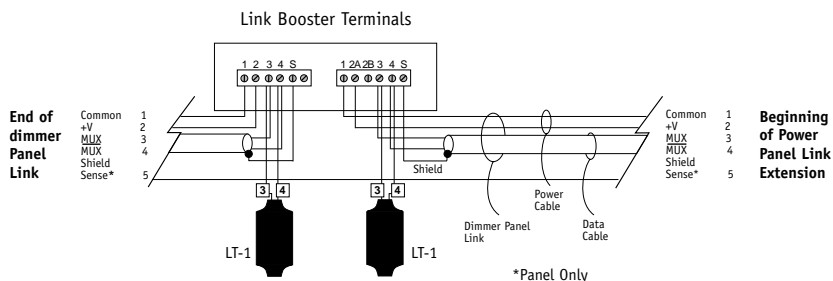
1. PANEL LINK EXTENSION WIRING



2. WALLSTATION LINK EXTENSION WIRING



LINK BOOSTER WIRING DETAIL (EXAMPLE BELOW: PANEL LINK APPLICATION)



WIRING NOTES:

1. Connection of the Link Booster to the Wallstation/Panel Link should be made inside the Link Booster or in a junction box (provided by others) located no more than 8 feet from device.
2. Wallstation/Panel Link wiring must not be run in the same raceway as line voltage (main voltage) wiring.
3. Neither the Wallstation/Power Panel Link nor the Wallstation/Panel Link Extension can exceed 2000 feet in length, as shown above.
4. Data cable shield must be maintained throughout the Wallstation/Panel Link. DO NOT connect the shield to earth ground.
5. Refer to the *GRAFIK 5000/6000* Installation Guide and Lutron job drawings for power cable and data cable (Wallstation/Panel Link) wiring restrictions and limitations.
6. Wallstation/Panel Link requires an LT-1, Link Termination Assembly, at each end of the Wallstation/Panel Link and each end of the Wallstation/Panel Link Extension.

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