

Multiplex™ Service Fitting INSTALLATION INSTRUCTIONS

Installation Instruction No.: IB0123 R1 – Updated September 2006

Wiremold / Legrand electrical systems conform to and should be properly grounded in compliance with requirements of the current National Electrical Code or codes administered by local authorities.

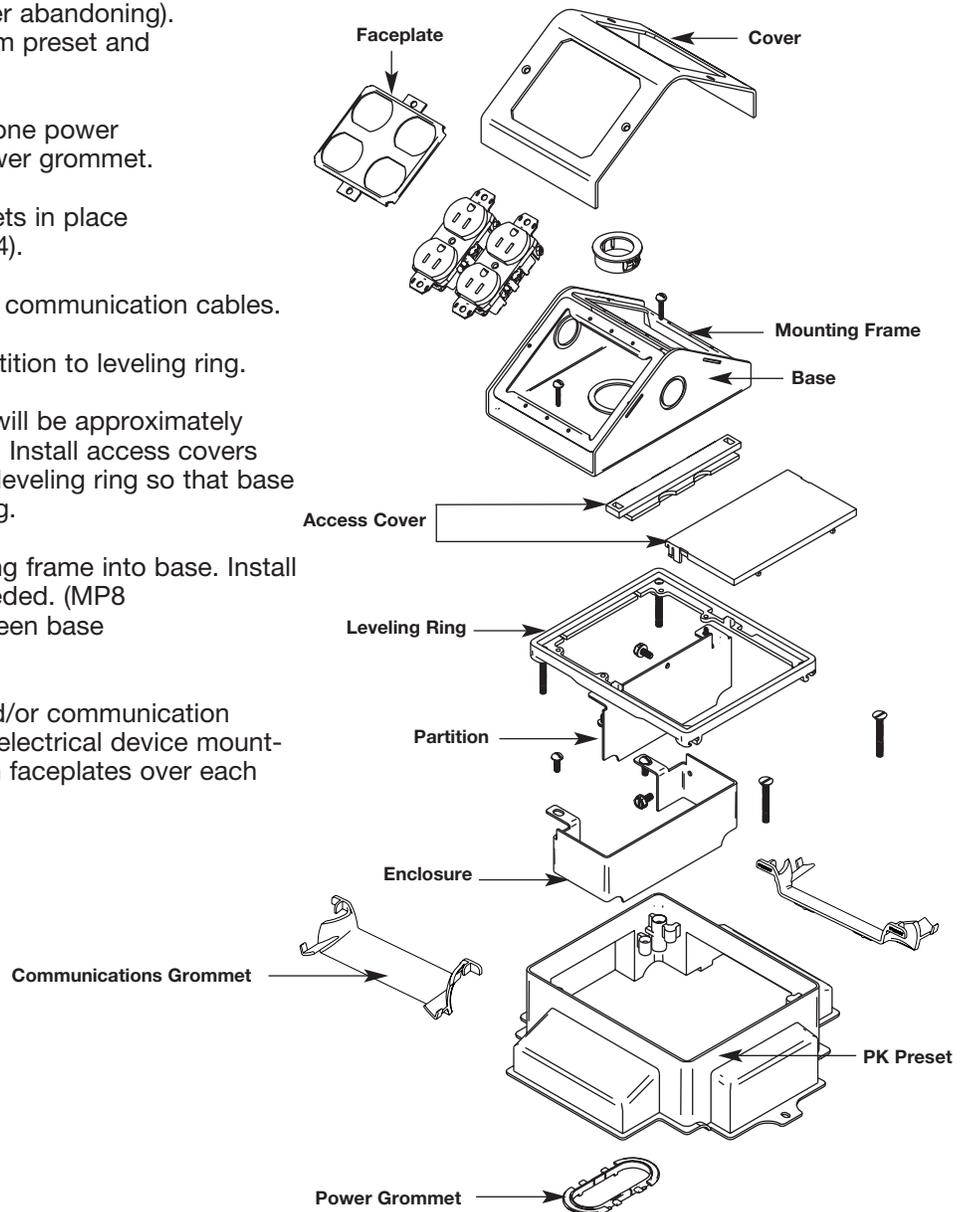
All electrical products may present a possible shock or fire hazard if improperly installed or used. Wiremold / Legrand electrical products may bear the mark as UL Listed and/or Classified and should be installed in conformance with current local and/or the National Electrical Code.

IMPORTANT: Please read all instructions before beginning.

To Install on PK Presets:

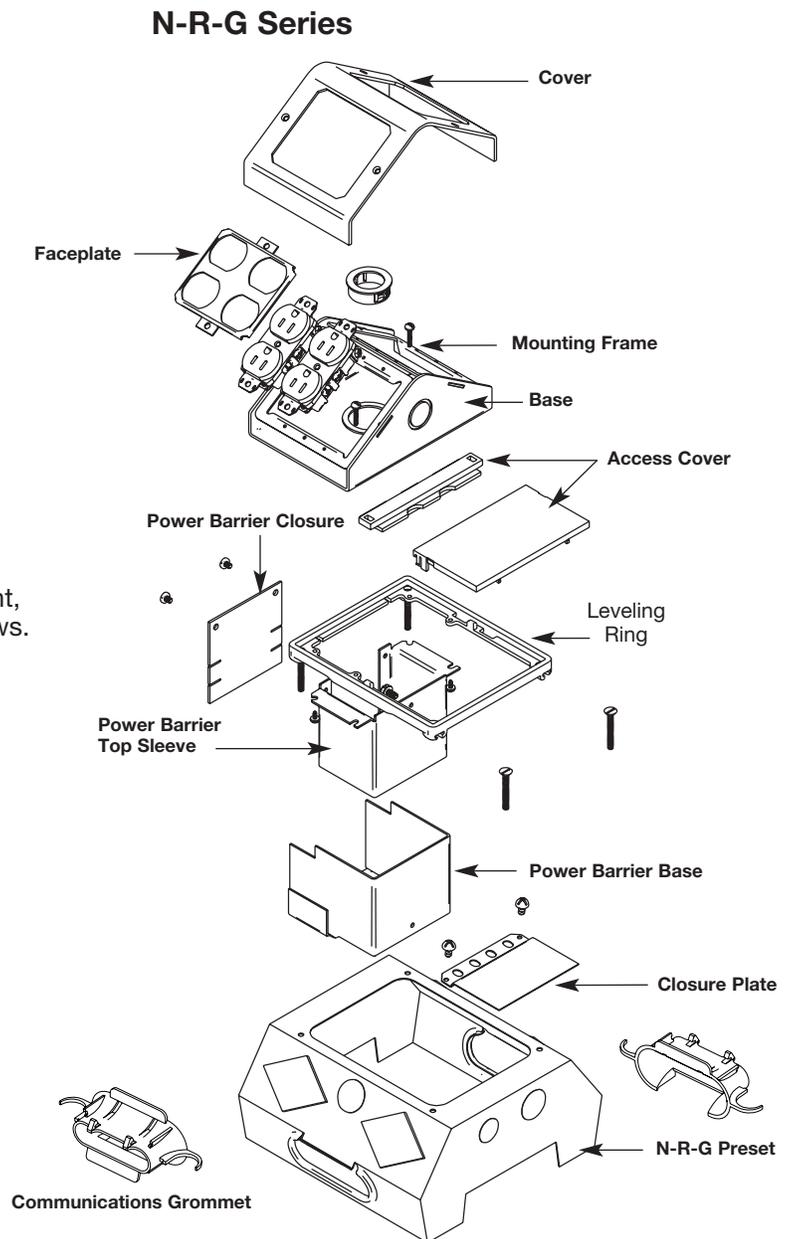
1. Cut a 5 5/8" [143mm] x 6 3/4" [171mm] long (along length of cell run) opening in carpet exactly centered over preset. (Save for later abandoning). Remove concrete and mudcap from preset and grout as required.
2. Use a screwdriver to remove only one power knockout from cell, then install power grommet.
3. Snap communications cell grommets in place (refer to instruction sheet 1 000 684).
4. Route electrical conductors and/or communication cables.
5. Attach enclosure to preset and partition to leveling ring.
6. Install leveling ring so top surface will be approximately 1/16" [1.6mm] below top of carpet. Install access covers (M4 only). Attach base of fitting to leveling ring so that base is tight against both carpet and ring.
7. Install round grommet and mounting frame into base. Install partition to separate services if needed. (MP8 size only). Install ground wire between base and enclosure.
8. Install UL Listed wiring devices and/or communication services. Cut off excess length on electrical device mounting screw (top screws only). Attach faceplates over each opening and screw on cover.

PK Series



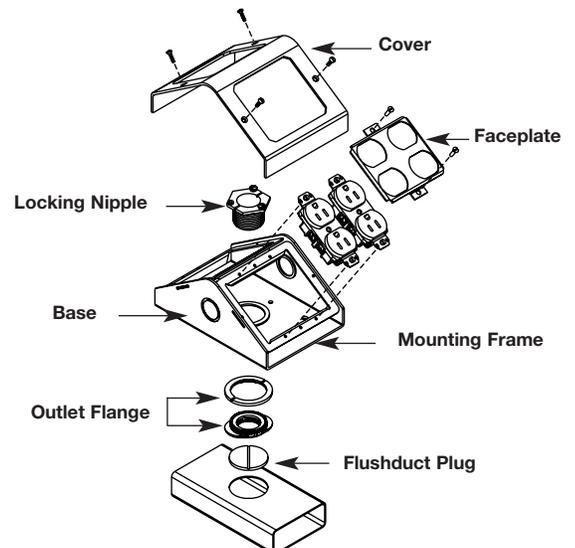
Instructions to Install on N-R-G Presets:

1. Install closure plate over unused opening, if needed.
2. Snap communication cell grommets in place (refer to instruction sheet 1 000 081).
3. Install power barrier base over other power opening in preset. Tighten down to top of power cell with two machine screws.
4. Install power barrier base over other power opening in preset. Tighten down to top of power cell with two machine screws.
5. Attach power barrier top sleeve to underneath side of leveling ring with two #8-32 screws.
6. Attach power barrier closure (field modify height, if required) to top sleeve with two #10-16 screws.
7. Install ground wire between power barrier top sleeve and base. Slide top sleeve/leveling ring down into enclosure.
8. Install leveling ring so that top surface will be approximately 1/16" [1.6mm] below top of carpet. Install access covers (M4 only). Attach base of fitting to leveling ring so that base is tight against both carpet and ring.
9. Install round grommet and mounting frame into base. Install partition to separate services, if needed (MP8 size only).
10. Install UL Listed wiring devices and/or communication services. Cut off excess length on electrical device mounting screw (top screws only). Attach faceplates over each opening and screw on cover.



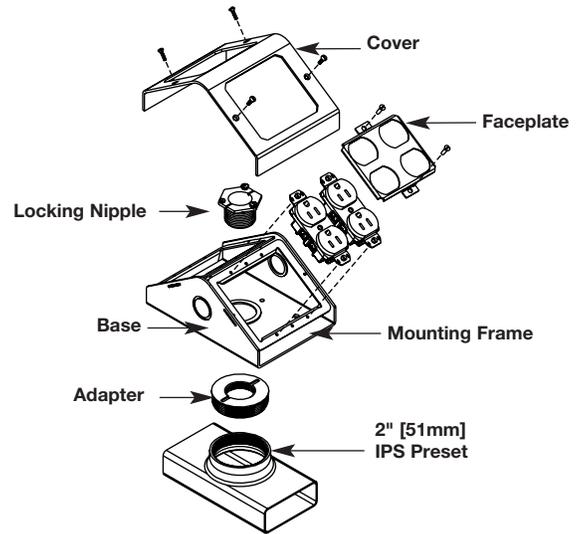
Instructions to Install on Flushduct:

1. Cut carpet opening to expose plug in the flushduct. Unscrew and remove plug. Drop bottom part of outlet flange into flushduct and screw on top part.
2. Put electrical conductors and/or communication cables thru opening(s). Route cables thru opening in base of multiplex and thru locking nipple. Position the multiplex base and secure in place by threading the locking nipple into the outlet flange in the duct. Tighten screws in locking nipple to hold in place. Install partition, if needed, to separate services (MP8 size only).
3. Attach mounting frames into place and install UL Listed wiring devices in accordance with the National Electrical Code or any other local codes that apply. Make sure that any ground leads are connected to ground screws. Attach faceplates and cover with screws provided.



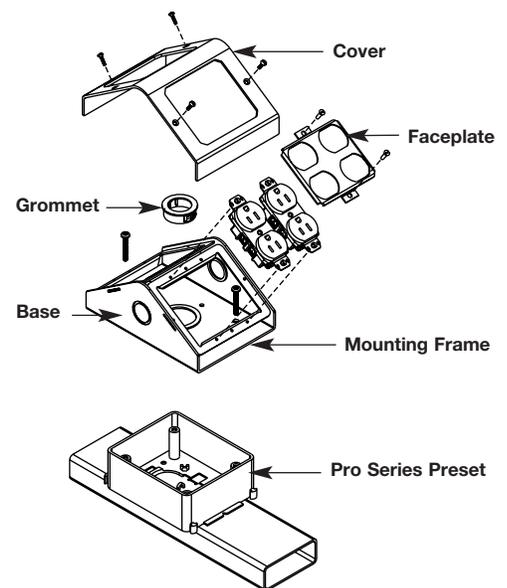
Install on 2" [51mm] IPS Presets or Aftersets:

1. Determine location of insert using any of the following methods:
 - a. Using an electronic insert finder
 - b. Measuring (when pattern layout is shown)
 - c. Tapping with a hammer (notice sound difference).
2. Cut 2 3/4" [70mm] diameter opening in carpet exactly centered over each preset. (Save for later abandoning). Remove concrete and mudcap from preset and grout as required.
3. Pull electrical conductors and/or communication cables thru opening(s). Route cables thru adapter and screw adapter into preset (or afterset). Route cables thru opening in base of multiplex and thru locking nipple. Position the multiplex base over the adapter and secure in place by threading the locking nipple into the adapter. Tighten screws in locking nipple to hold in place. Install partition, if needed, to separate services (*MP8 size only*).
4. Attach mounting frames into base and install UL Listed wiring devices in accordance with the National Electrical Code or any other local codes that apply. Make sure that any ground leads are connected to ground screws. Attach faceplates and cover with screws provided.



Instructions to Install on ®Walkerduct Pro Series Preset:

1. Refer to "**Walkerduct Pro Series Mudcap and Knockout Removal**" Instruction Sheet.
2. **Remove any sharp edges or burrs.** Route electrical conductors and/or communication cables through opening(s). Remove the 1" [25mm] knockout in base of the multiplex and install a round grommet. Route cables thru the bushed opening in the base of the multiplex (and thru the large rectangular opening if installing the MP8 sizes). Place the multiplex base over the preset and secure with self-tapping screws provided (one screw each in two diagonal corners). Install partition, if needed, to separate services (MP8 size only).
3. Attach mounting frames into place and install UL Listed wiring devices in accordance with the National Electrical Code or any other local codes that apply. Make sure that any ground leads are connected to ground screws. Attach faceplates and cover with screws provided.



Walkerduct Pro Series™ Mudcap and Knockout Removal:

1. Use a Walker insert finder (Cat. No. 480) or other electronic locator to find center of preset. Cut and remove carpeting or tile over preset. (Carpet may be saved for later abandoning.) Chip out concrete exposing mudcap.

NOTE: If presets are more than 1/2" [12.1mm] below concrete, use of a hammer drill with 1/2" chisel is recommended. Be careful not to damage preset!

2. Remove Mudcap: (See Figure 1).

- a. Strike blade of screwdriver or 1/4" [6.4mm] cold chisel along side of mudcap as shown. Top edge of mudcap will deflect inward.
- b. Pry out cap with screwdriver by positioning blade between preset wall and deflected edge of mudcap or, use pliers to grab edge of cap and lift out.
Remove all debris from preset.
- c. Grout around opening if concrete does not break away cleanly.

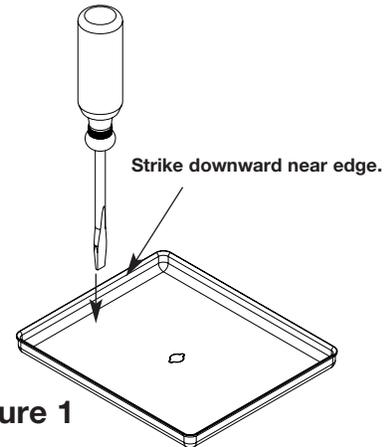


Figure 1

3. Remove Knockout: (See Figure 2).

- a. Insert screwdriver blade into opening in base of preset. Push screwdriver toward center of preset, breaking tabs. Position screwdriver into opening on other side of knockout and break tabs to release knockout.
- b. Inserting a wire hook into arched opening at center of preset will prevent knockout from falling into duct.
Remove all debris from raceway.

CAUTION: Some sharp edges may occur along knockout tabs. These must be deburred.

4. **Important!** Tighten bonding screw in base of preset.

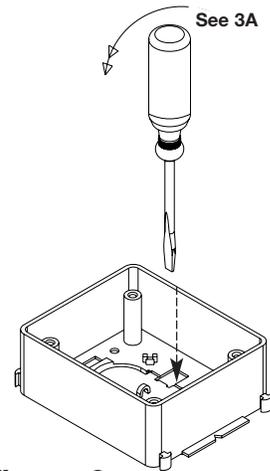


Figure 2

WIREMOLD

 legrand®

Wiremold / Legrand

U.S. and International:

60 Woodlawn Street • West Hartford, CT 06110

1-800-621-0049 • FAX 860-232-2062 • Outside U.S.: 860-233-6251

Canada:

570 Applewood Crescent • Vaughan, Ontario L4K 4B4

1-800-723-5175 • FAX 905-738-9721

