**FL-500P INSTALLATION INSTRUCTIONS**

For use with FL-500P Series Covers Only

244 Bergen Boulevard, Woodland Park, NJ 07424, Phone: 973.785.4347 - Fax: 973.785.4207

**BOX INSTALLATION - STEP 1**

Locate and position box in accordance with floor plans. Top surface of temporary cover must be set to match the height of the finished floor - see typical installation heights. Level and anchor box as required. Use screws, nails, or wire to prevent box from floating during pour. Remove and retain temporary cover and screws. Route conduits to box as required. Gang bracket screws must be in place and bottomed to ensure screw voids after pour. Place this installation guide back into box, along with all supplied items, and reinstall temporary cover.

**BOX INSTALLATION - STEP 2**

Screed to top of box surface for 3/16" thick carpet/flooring or specific height to allow for thicker finished floor material. Hand troweling recommended near box edges. Box has no height adjustment after concrete pour.

**TYPICAL INSTALLATION HEIGHTS**

Floor box temporary cover will either be installed directly on the box or shimmed based on the cover and flooring specifications. Shim kits sold separately (FL-500P-CSK). The temp cover may not be flush with the finished floor in all installations.

**Carpeted or Tile Floors, Cover types - BLP, BSQ, B, SLP, SSQ, S**

**Vinyl or Stained Concrete, Cover types - BK, SS, BRS**

**INSTALLING ELECTRONIC COMPONENTS**

Pull wires and cables to box as necessary (removal of gang mounting brackets may be required). Terminate wires and cables to electronic components, and install electronic components onto gang mounting brackets. Reinstall temporary cover if finished cover is to be installed at a later date.

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### Typical Installation Heights

FLOOR BOX TEMPORARY COVER WILL EITHER BE INSTALLED DIRECTLY ON THE BOX OR SHIMMED BASED ON THE COVER AND FLOORING SPECIFICATIONS. SHIM KITS SOLD SEPARATELY (FL-500P-CSK). THE TEMPORARY COVER MAY NOT BE FLUSH WITH THE FINISH FLOOR IN ALL INSTALLATIONS.

**Vinyl or Stained Concrete, Cover types - SLD-ALM, SLD-Color**

<table>
<thead>
<tr>
<th>Cover flush with Concrete</th>
<th>Vinyl Flooring</th>
<th>Stained Flooring</th>
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</thead>
<tbody>
<tr>
<td>SCREED FLUSH</td>
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<tr>
<td>CONCRETE</td>
<td></td>
<td></td>
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<tr>
<td>FINISHED FLOOR</td>
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<tr>
<td>SHIM 1/4&quot;</td>
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<tr>
<td>TEMPORARY COVER</td>
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<tr>
<td>FLOOR BOX</td>
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<td></td>
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<tr>
<td>CONCRETE</td>
<td></td>
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<tr>
<td>3/8&quot; THICK COVER</td>
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</tbody>
</table>

**Wood / Floating Wood, Cover types - BK, SS, BRS (1/8"), SLD-ALM, SLD-Color (3/8")**

<table>
<thead>
<tr>
<th>Cover above concrete</th>
<th>Wood flooring</th>
<th>Wood flooring</th>
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</thead>
<tbody>
<tr>
<td>FOR COVER WITHOUT EDGING</td>
<td></td>
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</tr>
<tr>
<td>FINISHED FLOOR</td>
<td></td>
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<td>CONCRETE</td>
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<td>TEMPORARY COVER</td>
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<tr>
<td>CONCRETE</td>
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<tr>
<td>SLEEPER SYSTEM</td>
<td></td>
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<tr>
<td>(IF USED)</td>
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<tr>
<td>NOTE: FOR 3/8&quot; THICK COVER LOWER TEMPORARY COVER AN ADDITIONAL 1/4&quot; FROM FINISHED FLOOR DIMENSION OR USE SHIM KIT</td>
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**Wood / Floating Wood, Cover types - BLP, BSQ, B, SLP, SSQ, S**

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<td>FLOOR BOX</td>
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<tr>
<td>CONCRETE</td>
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<tr>
<td>1/4&quot; OR 1/2&quot; HIGH EDGING</td>
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</tbody>
</table>

### Center Divider Configuration (Not Applicable on 4" Box)

SET ASIDE TEMPORARY COVER AND SCREWS FOR POSSIBLE RE-INSTALLATION. REMOVE AND RETAIN GANG MOUNTING BRACKETS AND SCREWS TO CONFIGURE CENTER DIVIDERS.

#### Possible Gang Divider Location

- REMOVABLE LARGE CENTER DIVIDER
- REMOVABLE SMALL CENTER DIVIDER
- REMOVABLE SMALL CENTER DIVIDER

### Gang Mounting Bracket Configuration

PER CUSTOMER SPECIFICATIONS, CONFIGURE GANG MOUNTING BRACKETS AS SHOWN BELOW AND REASSEMBLE INTO BOX (DECORA WALL PLATES SHOWN AS REFERENCE AND NOT INCLUDED).

#### 1-Gang/2-Gang Configuration

- COVER PLATE
- GANG MOUNTING BRACKET
- (2) DIVIDER HOLDER
- OPTIONAL DIVIDER

#### 1-Gang/3-Gang Configuration

- COVER PLATE
- GANG MOUNTING BRACKET
- (2) DIVIDER HOLDER
- OPTIONAL DIVIDER

#### 2-Gang/2-Gang Configuration

- GANG MOUNTING BRACKET
- DIVIDER
- OPTIONAL DIVIDER

#### 3-Gang/1-Gang Configuration

- GANG MOUNTING BRACKET
- (2) DIVIDER HOLDER
- (NO DIVIDERS USED)

#### 4-Gang Configuration

BOTH GANG MOUNTING BRACKETS ARE IDENTICAL, AS IS THEIR CONFIGURATION CAPABILITY.