

# Floor Pocket Specifications

## **1. General Arrangement**

- 1.1. Floor pocket to have a hinged door of 6061-T6 machined aluminum with steel frame. Steel frame to be 10.5" x 14.5" and have recessed mounting holes. Hinged door to have cable slots, which allow electrical cables to be plugged-in to the receptacles with door in closed position. Painted black.
- 1.2. Floor pocket backbox shall be 16 gauge galvanized steel. Size shall be 10" or 12" deep x 13" wide x 9" across with ¾" and 1" knockouts.
- 1.3. Inclined bracket shall be 16 gauge steel, black, at a 45° angle. The inclined bracket shall have an opening, 5" x 11", for mounting of outlet plate(s).
- 1.4. Outlet plate shall be of 18 gauge steel, black, and mounted to angled insert plate via machine screws and riv-nuts for easy removal and replacement of cover plate.
- 1.5. Manufactured by Rigging Innovators, San Antonio, Texas. [www.RiggingInnovators.com](http://www.RiggingInnovators.com)

## **2. Doors**

- 2.1. Standard, **FLR-4**, has 4 slots for 12/3 SO.
- 2.2. *Optional*, **FLR-6**, has 6 slots for 12/3 SO.
- 2.3. *Optional*, **FLR-3**, has 1 slot for 12/14 SO, 2 slots for 12/3 SO.
- 2.4. *Custom*, with special slot sizes and combinations
- 2.5. *Custom*, with your Logo engraved

## **3. Outlet Plates**

- 3.1. CV612 plate is 6" x 12"
  - 3.1.1. Used where all devices are the same voltage and style.
- 3.2. CV606 plate is 6" x 6" (requires two)
  - 3.2.1. Mixture of outlets or voltages
- 3.3. CV603 & CV609 plate is 6" x 3.25" and 6" x 8.75" (requires both of these plates).
  - 3.3.1. Allows one duplex outlet or one low voltage outlet on small plate.

## **4. Connectors**

- 4.1. Line voltage connectors at 20 amps include: 2P&G, L5-20, L6-20, L21-20, PBG, 5-20 duplex, GFCI and isolated ground.
- 4.2. Line voltage connectors greater than 20 amps include: 60A 2P&G, 50 amp twistlock, and E1015 cam-loc devices.
- 4.3. Designline mounted connectors include Ethernet, DMX, RFU, MIC, Headset, telephone, video, and special control receptacles.

## **5. Circuit Identification**

- 5.1. Vinyl Die-cut letters (standard) shall be ¾" white.
- 5.2. *Optional*, engraved lamicoid strips shall be ½" tall with ¼" white characters

## **6. Terminals, optional**

- 6.1. Most devices are designed for direct wiring and terminals are not recommended.
- 6.2. Modular terminals are mounted to rail attached on the back of the device outlet plate.
- 6.3. Terminal rails can be mounted on the floor of the backbox if desired.
- 6.4. Terminals require the use of the 12" deep backbox.

## **7. Voltage divider, optional**

- 7.1. Divider plate must be installed when low voltage and line voltage devices are used together.
- 7.2. The divider may be located in the center, left of center or right of center position.

## **8. Dust Flap, optional**

- 8.1. A neoprene dust flap is available to cover the outlets from debris, which falls through the cable slots.

## **9. Construction Covers, optional**

- 9.1. A steel plate is available to screw to the top of the backbox during the construction process. This protects the insides from the accumulation of concrete and also from being bent.