



DESCRIPTION

The 5 Slot, Remote Equipment enclosure (See Exhibit 1) is designed to house up to five relay control assemblies (P/N 10-2777). This allows up to one-hundred and twenty (120) configurable relays to be located in a central location for control and annunciation purposes.

The enclosure is made of 18 gauge steel with a baked on enamel finish (red, black or grey). It is designed so that it can be surface or flush mounted to the wall. Numerous conduit knockouts are provided on all four sides of the enclosure to allow easy access to the cabinet during system installation. Threaded press-studs are supplied in the enclosure back-box for easy installation of the relay assembly components. The removable exterior door is hinged on the left side of the back-box and is equipped with a key-lock to prevent unauthorized access to system components.

ENCLOSURE CAPACITY

The enclosure provides mounting studs for installing up to five (5) of the following system components:

- RC12 Relay Card, P/N 10-2785
- Relay Control Assembly, P/N 10-2777

ENCLOSURE ORDERING OPTIONS

1 0 - 2 7 8 1 -

Enclosure Color

R = Red (CyberCat™ & Cheetah Xi™)

B = Black (CyberCat™)

G = Grey (Cheetah Xi™)

The following parts are supplied with the enclosure:

02-12014 Hardware Kit (qty. 1)
 4153-142 Lock Washer, #6 (qty. 2)
 02-1361 6-32 Hex Nut (qty. 2)
 02-4992 Ground Wire (qty. 1)
 02-4035 Nut and star washer kit
 (contains 30 nuts and washers)

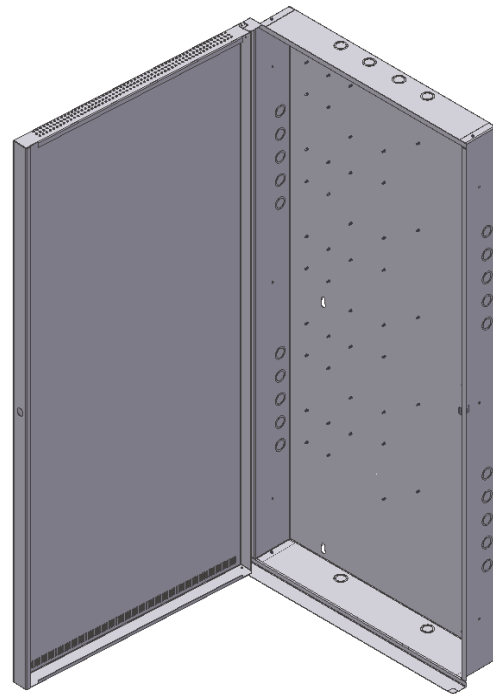


Exhibit 1 5 Slot, Remote Equipment Enclosure

The following guidelines shall be adhered to when selecting the mounting location for the remote audio enclosure:

1. Mount the enclosure on a surface that is vibration free, clean, and dry.
2. Mount the enclosure in an area that is free from sources of electromagnetic interference and radio frequency interference; as these are types of problems that could adversely effect the successful operation and useful life of the electronic equipment housed in the enclosure.
3. Mount the enclosure in an environment with a nominal room temperature of 15°-27°C (60° - 80°F), with a relative humidity of 85 percent.
4. Allow sufficient clearance around enclosure to allow door to swing freely.
5. Mount enclosure at a height that allows easy access to system electronic components for maintenance and service.
6. The enclosure is NOT fire rated. Do not mount on or in a fire rated wall unless wall is properly framed to maintain specified fire rating.

INSTALLATION

1. Unpack the enclosure and check for shipping damage prior to installation.

Note: The enclosure door can be removed to assist in installing the enclosure by unscrewing the two hinge screws located at the top and bottom left of the enclosure.

2. Mount the enclosure at the required location utilizing the mounting holes provided on the back and sides of the back-box (See Exhibit 4). Secure the enclosure using mounting hardware appropriate for the mounting surface.
3. Select and punch open the appropriate knockouts. See Wiring Segregation for UL Power-limited versus Non-Power Limited wiring requirements.

Note: Do not use conduit knockouts located in the bottom of the enclosure if installing batteries.

4. Attach enclosure grounding wire (See Exhibit 2). Adjust routing of grounding wire if necessary to allow full movement of enclosure door.

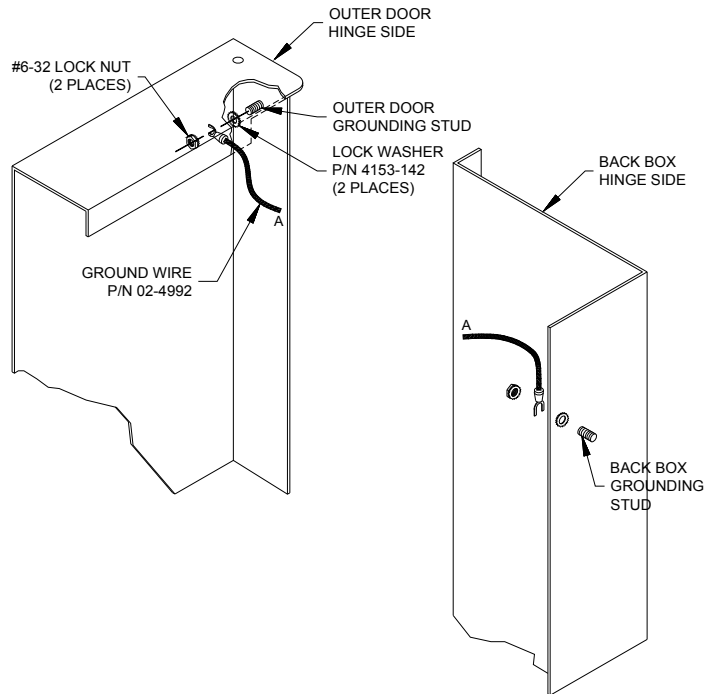


Exhibit 2 Ground Wire installation

WIRING SEGREGATION

Fire Alarm System wiring is classified as either power-limited or non-power limited per NEC Article 760. All power-limited wiring must be separated from all non-power limited wiring by a minimum distance of 1/4" (6 mm).

The remote equipment enclosure assemblies are designed such that non-power limited wiring is at the left side of the enclosure and the power limited wiring is at the right side of the enclosure (See Exhibit 3).

Relay Assembly power limited circuits include the following:

- P1 – 24VDC Power Input Contacts
- P17 – Interface Cable Connections

All Relay Control Card connections are power limited.

Relay card connections can be either non-power limited or power limited as long as the required wiring separation is maintained.

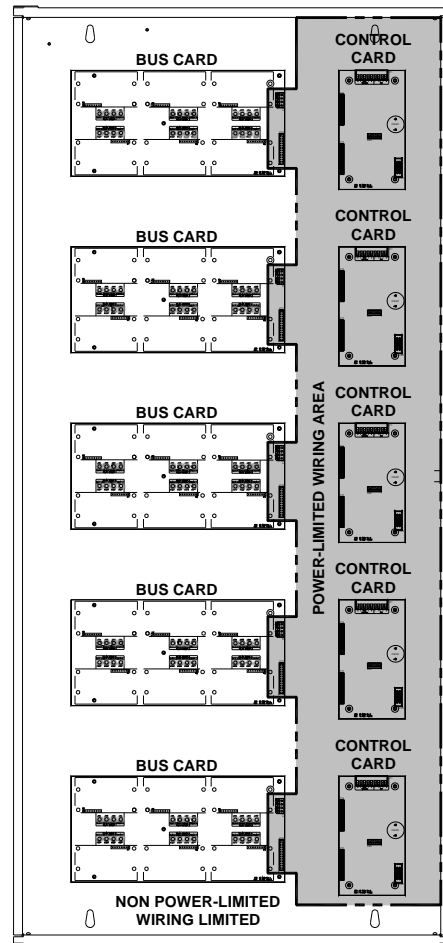


Exhibit 3 Enclosure Wiring Segregation with P/N 10-2777 Relay Control Assembly

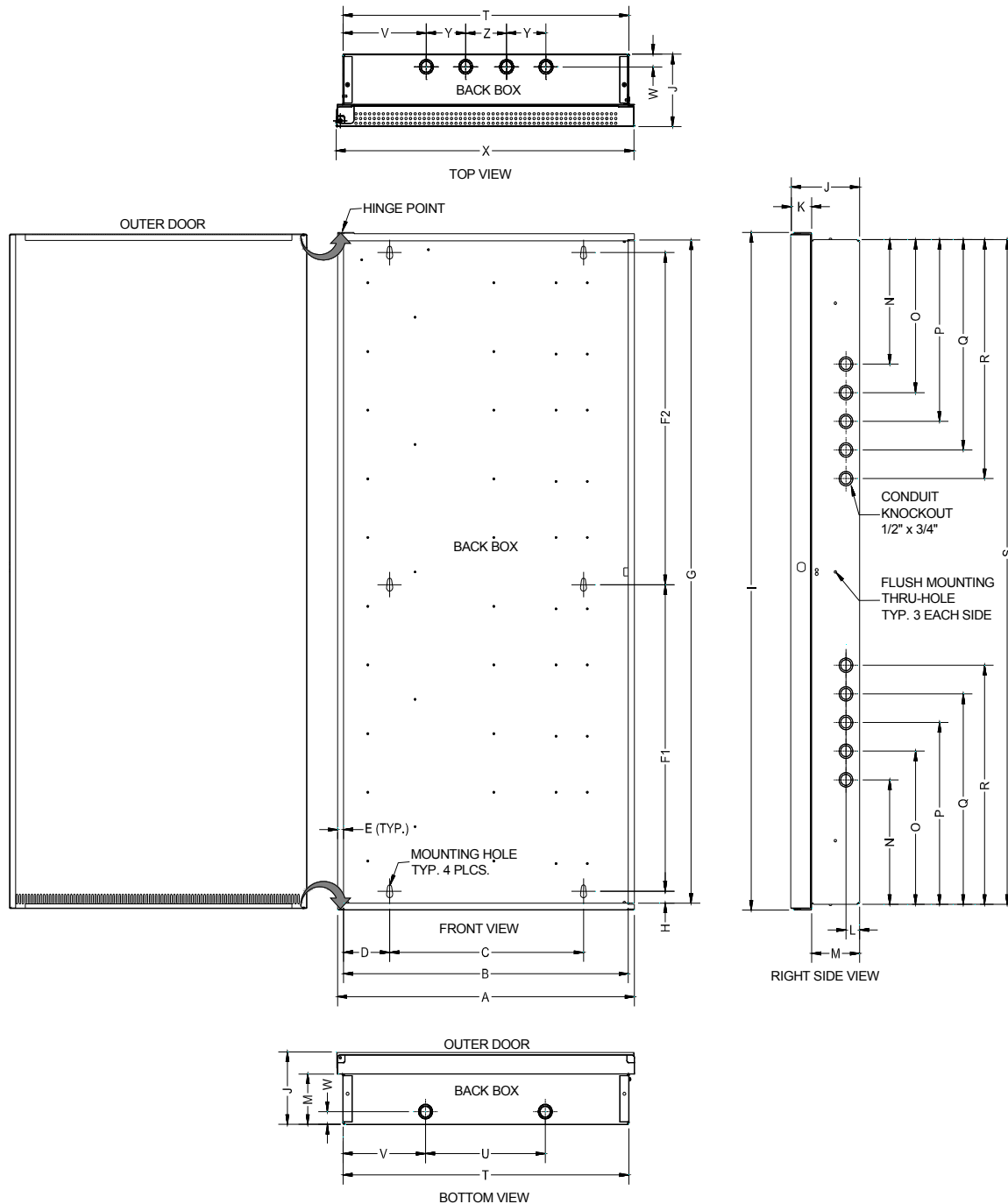


Exhibit 4: 5 Slot Enclosure

Enclosure Dimensions inches (cm)					
A	24.50 (62.2)	I	52.46 (133.3)	R	18.80 (47.8)
B	23.50 (59.7)	J	5.68 (14.43)	S	51.70 (131.3)
C	16.00 (40.6)	K	1.73 (4.4)	T	23.59 (60)
D	3.80 (9.7)	L	1.125 (2.9)	U	9.88 (25.1)
E	0.50 (1.27)	M	3.95 (10)	V	6.81 (17.3)
F1	23.82 (60.5)	N	9.80 (24.9)	W	1.00 (2.54)
F2	25.82 (65.6)	O	12.00 (30.5)	X	24.59 (62.5)
G	51.50 (130.8)	P	14.30 (36.3)	Y	3.25 (8.3)
H	0.975 (2.48)	Q	16.50 (42)	Z	3.38 (8.6)

Reserved for future use.