CEILING SOLUTIONS

FSR

Protect and Secure your Infrastructure Connections

CB-224 shown with pole

CB-224 shown without pole

OVERHEAD RACK ENCLOSURES

Part of FSR's Infrastructure Solutions

Audio, Video and Data designers and installers struggle to find space to mount equipment. Floor space is becoming increasingly expensive, and the equipment security is always on people's minds.

Overhead Rack Enclosures are the answer! FSR's enclosures provide mounting space without impacting floor space. We use the space above the drop ceiling or on the wall near the ceiling. This also keeps the equipment separate from the room space, providing an added level of security not available in traditional floor and wall racks.

Overhead Rack Enclosure products are available in two categories — Ceiling Boxes and Wall Enclosures.

The Ceiling Boxes mount above a standard "T" grid drop ceiling, and are available in 3 sizes. They have the capacity to hold 2 half rack devices all the way up to 4 full width rack devices.

Mounting the CB-12 or CB-22 ceiling boxes in a Drywall ceiling is now possible using one of the CB-12-SR or CB-22-SR drywall mounting frame kits as shown inside.

CB-224

Ceiling Boxes showing the ETL logo are approved to UL60950-1 and UL2043-2006 Standards.
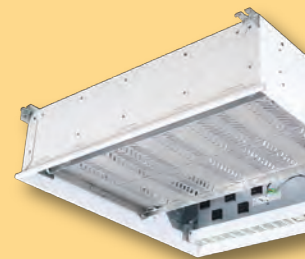
MADE IN THE USA

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CB-22+ SERIES

The CB-22+ line of ceiling boxes has been reimagined with exciting new features. The "+" series ceiling boxes include integrated threaded rod mounts, lockable cover latch, larger mounting shelf, low voltage access plates with brushes, and a load rating that's been increased to 100 pounds for the projector pole models.

The integrated mounting point allows use of threaded rod without additional hardware kits. Pole mount unit include decorative pole rail cover plates, and a solid door is available on all models to eliminate the need to cut ceiling tiles. The projector pole may be mounted in any of 3 predetermined positions and trimmed with the included plates, or if finer pole adjustment is needed, ceiling tile may be cut to size.

The streamlined access door and hinge allow for easier removal and installation of the door. The attached quick-disconnect safety cable prevents the cover door from detaching completely from the box. The new lockable latched access door provides security while allowing easy access to the equipment in the box.

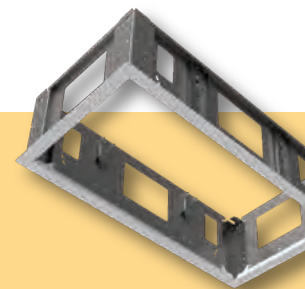CB-22+ shown closed

CB-12-PTF

The CB-12-PTF ceiling enclosure ensures the safety of the PoE nodes from the start. The CB-12-PTF can be mounted in any location such as, acoustical tile ceilings, hard deck ceilings using CB-SR12 or enclosure mounting with either a threaded rod or a cable kit. The ceiling enclosure holds 12 Platformatics Nodes – PoE-LN2, has a removable card cage and has venting on the sides and on top to keep nodes within the permissible operating temperatures. Having the PoE nodes already installed in our ceiling enclosure will help you reduce installation and service time.

CB-12-PTF

Drywall I
CB-12-SR

CB SERIES
DRYWALL MOUNTING FRAME KITS

If you want to mount our popular ceiling boxes in a drywall ceiling, you need our frame kits. The CB-12-SR and CB-22-SR drywall mounting frames are expressly designed to easily mount FSR's 2' x 2' (CB-22) and 1' x 2' (CB-12) Ceiling Enclosures. The mounting frame kits can be installed in the ceiling opening using threaded rod, stranded wire cable, or screws through specific holes in the sides of the unit. The ceiling box can then be hung vertically, via the included cables, while the equipment is mounted and wired allowing convenient access to the components and cables. The ceiling box can then be lifted into the frame and locked into place. The ceiling box interior can be accessed in the same way for future re-cabling and service. Ceiling boxes and frames are ordered separately depending on the type of ceiling.

CB-12-SR

CB-224

Plenum Rated

The CB-224 series is a 2' x 2' high capacity ceiling box designed to fit into a standard 2' x 2' or 2' x 4' drop ceiling. It features a drop-down 4RU cage for easy installation and mounting of rack equipment. Cable guides for service loops are provided to allow the equipment to be connected in the down position and then slid up into place. The drop-down cage features pneumatic assistance to counter some of the weight of the equipment installed. The CB-224 has 6 AC outlets in the box and 1 in the room. A master power switch is accessible from the room.

CB-224 shown closed

The 'P' or Pole option adds a
The 'S' or Smart option adds
specific outlets, allowing the

CB-22+ with Dual Titling Shelf to access punch panels

CB-22+ with Dual Tilting Shelf to access cabling
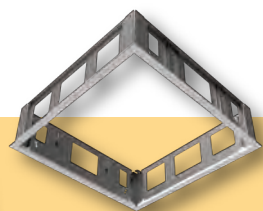
CB-22+ Repositionable 2-RU Rack Rails
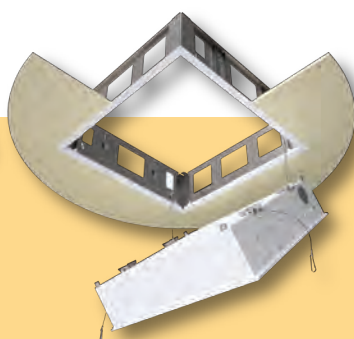
CB-12-PTF with acoustic ceiling tile

CB-12-PTF 90° mount in soffit
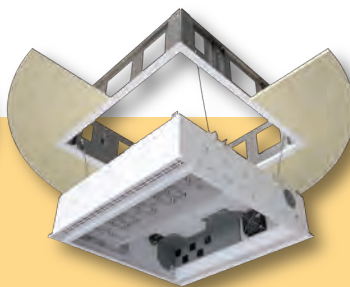
rame Kits
/ CB-22-SR

CB-22-SR Kit

CB-22-SR

Anchored

Lowered

In place

CB-224 shown open

CB-224P shown with
equipment enclosure extended

CB-224P shown closed with
optional projector pole adapter

projector pole adapter. This allows cabling to pass from inside the ceiling box down the pole and to the projector, providing a nice clean installation.
cooling fans and the Smart Power module. This module allows the power in the box to be either remotely controlled or switched based on the current draw of
power in the box to be switched on and off automatically with the projector.

MODULAR LINX SYSTEM
PRE-WIRED CEILING BOXES

With the MLS pre-wired ceiling boxes, the electrical contractor can install and power the MLS starter cable at any time during the initial construction phase. The CB-MLS eliminates coordinating return visits to the site to connect AC to the ceiling box after the AV contractor completes hanging the unit.
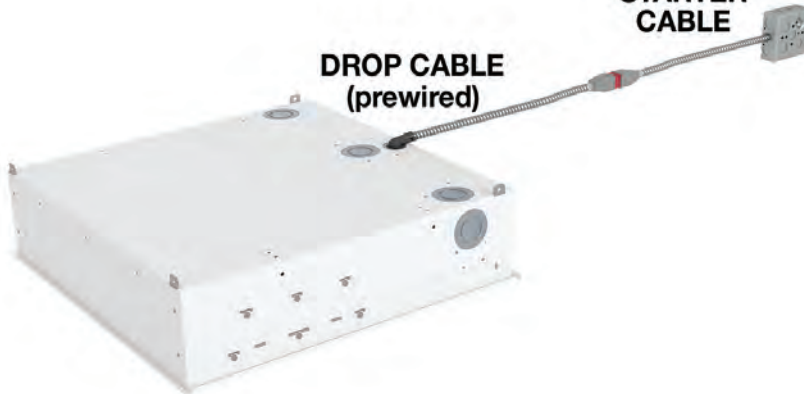
CB-12-MLS

CB-22-MLS

CB-224-MLS

STARTER
CABLE

DROP CABLE
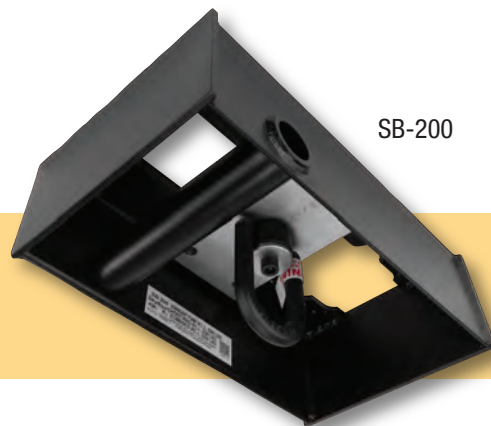(prewired)

SKYBOX SERIES

SB-200

The SkyBox rigging point has been specifically designed to create permanent rigging point for trusses, lighting systems, line arrays and speakers in multi-use architectural environments. The SkyBox handles the rigors of daily staging events while remaining out of view when not in use.

The SkyBox is structurally mounted above the ceiling grid and easily exposed for use by removing the ceiling tile or opening the SB-HATCH doors. When finished, simply return the tile or close the doors and the SkyBox will be hidden from view.
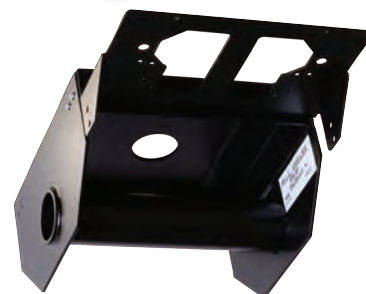
The SkyBox (SB-50) contains an integrated 1.5" pipe which functions as a rigging point for lighting instruments, trusses and speakers. An optionally installed bracket provides mounting for Two 4" Standard 19 series Electrical Boxes to handle your power and control requirements. W.L.L. 1000 LBS.

The SkyBox (SB-200) contains an integrated swivel hoist ring and a 1.5" pipe which functions as a rigging point for lighting fixtures, trusses, line arrays and many other rigging needs. Integrated within the SkyBox are locations for Two 4" Standard 19 series Electrical Boxes to handle multiple locations for your power and control requirements. Tube W.L.L. 1000 LBS, hoist ring W.L.L. 2,300 LBS, combined W.L.L. 2,300 LBS.

SB-50

The SkyBox Hatch (SB-Hatch) provides bomb-bay door access to any of the SkyBox rigging points. The Hatch provides an architectural pleasing method of access without the need to touch any ceiling tiles.

SB-Hatch

LITE-IT

The Light with a Brain

LITE-it easily provides lighting in floor, wall, ceiling boxes, equipment racks, or anywhere a work light is needed. LITE-it is included with the larger OWB boxes (OWB-X and OWB-500P) for safe connecting in dimly lit areas. LITE-it can be used with all our Ceiling Solutions. Add LITE-it to every box!

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Specifications are subject to change without notice.