

INSTRUCTION MANUAL

Model: MX222.

Mounting for up to 2 light fixtures

Reset. breaker set at 10 A

2 Edison 125 V receptacles

Voltage: 120Vac Hard wired

Manufacturer: PL Systems, In.

Address: 10529 Olympic Drive, # 102

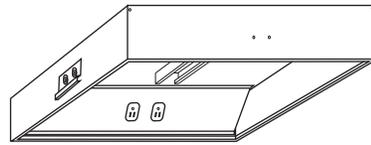
Dallas, TX 75220

(214)-393-5998 (voice)

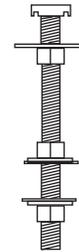
(214)-393-5999 (fax)

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Web page: KW2.com



MX222 MOUNTING CANISTER



OPTIONAL
SUSPENSION
KIT

fig. 1

GENERAL INFORMATION

This mounting canister is designed to allow for mounting of small studio luminaires in office type environments with professional looking results. Unlike scissor clip systems the MX222 mounts in the lay-in grid like a troffer giving a flush appearance to the mounting system. It also provides a hidden safety cable to insure that the mounted luminaire cannot fall from a properly suspend ceiling. The MX222 is hard wired like a lay-in light fixture and provides two grounded Edison receptacles which are protected by a 10 A reset switch.

The MX222 canister is compatible with PrimeTime " 2 wire" Voltage dimming system. It is not compatible with "three wire" dimming systems.

The MX222 is made of welded steel and powder coated in gloss white. Standard canisters are equipped with entry panel with two 1/2" conduit knock-outs for hard wiring. Shielded cable whips are available.

The canister provides a 1 5/8 Strut type attachment system for hanging suspended luminaires. Optional 2143 extension hanger kits provide for any practical length of suspension and allow total hemispherical pointing.

p1

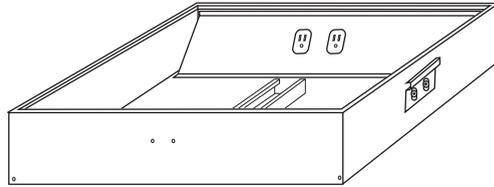


fig. 2

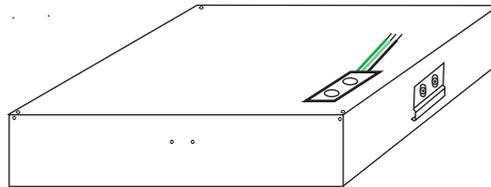


fig. 3

Instructions for installation of MX222, 2x2' suspension troffer

The PrimeTime MX222, 2x2 grid mounted, suspension troffer is intended to be a mounting device for adjustable ceiling mounted luminaires. Figure 2 shows it in a table top position. It provides two, 120 Volt ac, Edison female connectors. The inside of the troffer features a formed strut design which adapts to the PrimeTime hanger kit # 2143 in any suspension length. It mounts in the much same way as a lay-in, grid mounted troffer and will suspend studio style luminaires using City Theatrical's Tracktamer series or The Light Source's Uni-bolt series of hardware. The troffer is hard wired in the same way as a 2x2 light fixture. The Edison connectors are pre-wired and there is a physical disconnect just inside the electrical entry panel (see fig. 3).

TO BE INSTALLED BY LICENSED ELECTRICIANS ONLY

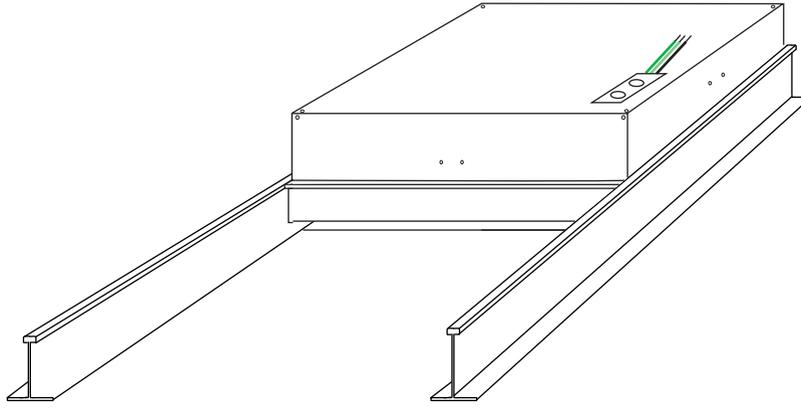


fig.4

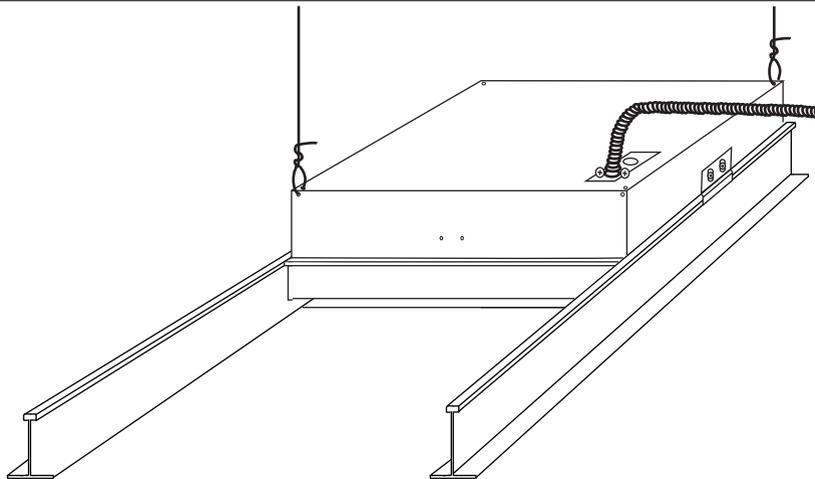


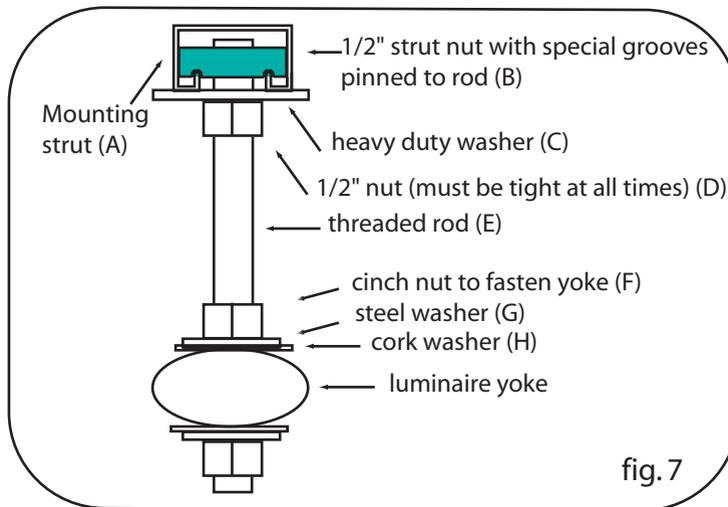
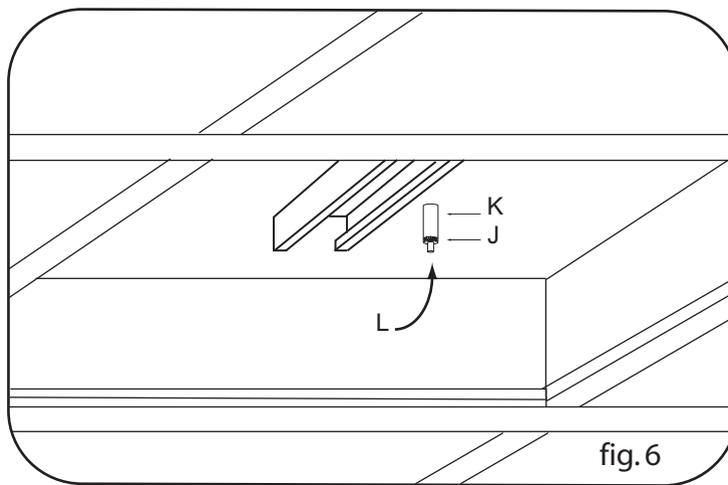
fig.5

Instructions for installation of 2143 2x2' suspension troffer

If the ceiling grid is 2x2 and is 24" on center, remove the ceiling tile from the cell where the unit is to be installed. Take care to orient the fixture so that the strut inside the troffer is installed at the proper angle (+/- 90 dgr.) for the planned luminaire orientation. If the grid is 2'x4', a grid trim kit will be required. See T-bar trim kit installation instructions. Enough head space is needed for the housing, which is 23 5/8" square by 4" deep, to be passed through the opening and lowered into a 2x2 cell of the grid (see fig 4). Temporarily remove and save the retainer brackets from two sides of the fixture and place in desired cell. Install the retainer clips adjusting each to secure the housing to the grid. If there is no structural wire supporting T-bar grid next to the housing, add structural wire through the holes in the corners of the housing on at least two opposite corners. Suspend from structural components of the building to allow for the weight of the troffer and luminaires to be added. Do not exceed the rating of the T-bar grid (see fig 5).

Connect the troffer to the 120 Volt power source in accordance with the NEC and city codes.

Cut the ceiling tile to fit the remaining area. Notch the edges to clear the fasteners so the adjacent tile can fall into place.



Instructions for installation of 2143 rod suspension kit

The PrimeTime 2143 rod suspension kit is intended to be a suspension device for yoke mounted studio type luminaires from 2x2 and 2x4 lay-in grid type ceilings. It is specifically intended for use with 2143 suspension troffer (see fig 6). The kit works well with most 1 5/8" strut type channels. With a threaded rod length of 6", the top of a PrimeTime luminaire yoke will just clear the ceiling and allow azimuth rotation. Additional length provides lower suspension, therefore an 18" rod would provide 1' of drop. The nut (D) should be backed off enough to see the orientation of the strut nut (B). Insert the end with the square strut nut (B) into the strut and rotate it making absolutely certain that the nut is at 90 degrees to the strut and that the grooves in the nut are aligned with the upward facing lips of the strut (A). Tighten the nut (D) clamping the strut nut (B) to the strut with the heavy duty washer (C).

After the luminaire is hung install the safety cable which is part of the canister assembly. Lace the loop of the cable around the yoke passing the end of the cable through the loop. Loosen the jam nut (J) on the cable retainer (K) and feed the free end of the cable into the end of the cable retainer at (L). If insertion is difficult, loosen the jam nut a little more. After the cable is inserted, feed the excess into the plenum and tighten the jam nut with a pair of pliers. Check the cable to assure that it is secure.

CAUTION: The (D) nut should be tight and it should be confirmed that the grooves in the top nut are properly aligned to prevent the luminaire from falling unexpectedly. Do not tighten the yoke cinch nuts (F) until the azimuth adjustment has been made. Whenever a pointing adjustment is made loosen the cinch nuts (F) so as not to loosen the top nut (D). Always install a safety cable.