
Operation Manual

Mega Double Universal Mega Single Universal



KINO FLO®
Lighting Systems

Mega Double System



CFX-9602 8ft Mega Double Fixture

CFX-7202 6ft Mega Double Fixture



MTP-KM Kino 81 "Slide-On" Mount w/
Junior Pin (28mm)



X09-25M Mega Double Extension, 25ft



BAL-227M-120U Mega Double Ballast,
Univ 120U

BAL-227M-230U Mega Double Ballast,
Univ 230U

Each System consists of:

- 1 Mega Fixture
- 1 Mounting Plate
- 1 Extension Cable
- 1 Electronic Ballast

Mega Single System



CFX-9601 8ft Mega Single Fixture

CFX-7201 6ft Mega Single Fixture



MTP-KM Kino 81 "Slide-On" Mount w/
Junior Pin (28mm)



X07-25M Mega Single Extension, 25ft



BAL-127M-120U Mega Single Ballast,
Univ 120U

BAL-127M-230U Mega Single Ballast,
Univ 230U

Each System consists of:

- 1 Mega Fixture
- 1 Mounting Plate
- 1 Extension Cable
- 1 Electronic Ballast

True Match® Lamps



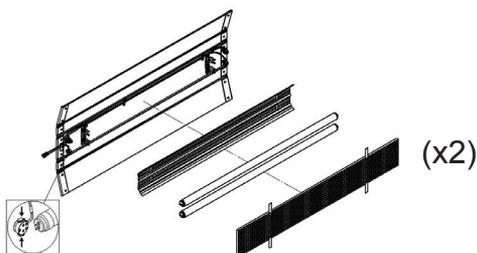
962-K32-S 8ft Kino KF32

962-K55-S 8ft Kino KF55

722-K32-S 6ft Kino KF32

722-K55-S 6ft Kino KF55

Fixture Assembly



The Mega Double and Single fixtures are comprised of two removable Louvers, a Reflector and a Lamp Harness. The Louvers and Reflector are held in place with Velcro fasteners. The Lamp Harness is secured by means of a ¼ turn fastener and two clips.

Note: The 8ft fixtures include two 4ft louvers; the 6ft fixtures include two 3ft louvers.



To Release the Lamp Harness

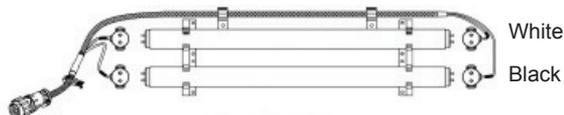
Remove the harness from 2 clips located under the reflector. Rotate the ¼ turn fastener clockwise to release harness.



The lamps can operate independent of the fixture allowing them to be built into sets or custom soft boxes or hand-held as a single tube for an eye-light.

WARNING: Always use safety-coated lamps to avoid injury if lamp breaks.

Lamp Harness Color Codes



Double Harness

The Mega Double Harness wiring is color-coded. The same color-code must match at each end of the lamp for proper operation.

Inserting Lamps



Locking Lamp Connector:

Depress both tabs on lamp connector and apply to lamp pins. Push lamps into the fixture's Lamp Holder Clips.

Note: Mega 4Bank fixture is shown for example purposes only.

Gelling the Fixture



Restricting the airflow around the lamps can cause the lamps to operate hotter. This increased heat will raise the lamp's color temperature and green spike. Therefore, it is recommended to clip gels to the doors of the fixture.

Remove louvers. Do Not clip gels to louver. **Do Not** block the fixture ends in a manner that restricts airflow.

Mounting the Fixture



Align the four shoulder rivets on the mounting plate (**MTP-KM**) to the holes in the mating plate and slide down. The locking pin will snap into place when the plate is properly seated.



The Silver Rings provide attachment points for a safety chain.



To remove the plate, pull up on the locking pin and reverse the mounting procedure.



A 180° turn loosens the orientation of the mount. A right turn tightens the mount.



The tension on the lock lever may be adjusted by pulling the handle away from the mount. This disengages the handle from the screw mechanism and allows it to be reoriented.

Note: You can also use a screwdriver to adjust the travel. Pull back on handle and adjust the screw in the center of the handle.

Other Fixture Mounting Options



The grommet holes along the edge of the fixture are designed to allow the fixture to be screwed onto set walls.

Extension Cable



To insert the cable, position the logo up to align the key ways on the extension cable with the circular receptacle on the ballast. Rotate the locking ring until it clicks into the lock position.

Lamps can operate as far as 75 feet from the ballast.
(3 x 25ft extensions)



A **Splitter** can be used at the Ballast or on the end of an Extension Cable to split a Mega Double run into two Mega Singles. This allows for greater rigging flexibility.

Ballast Operation

WARNING!

- 1) ALWAYS TURN OFF THE BALLAST BEFORE connecting or disconnecting Lamps, Harnesses or Extension Cables.
- 2) Use only with Sine wave inverters. Do not operate on SCR dimmers.
- 3) If powering the ballasts through a Dimmer Pack, set the Dimmer to Non-Dim mode.

The Ballasts require 100 to 240 Volts AC 50/60 Hertz on an earth grounded circuit. The electronic Ballast operates at a high frequency of 25 kHz. It is dead-quiet, instant-on and lightweight.

Cold Temperature Operation

The Mega Ballast series is designed to operate at temperatures from 14F to 122F (-10C to +50C). In cold temperatures, the Ballast may not strike the lamp(s) instantly. Switch the Ballast to OFF, wait seven seconds and try again. If the Ballast does not strike after two or three attempts, turn off the Ballast, check that the Extension and Harness connections are secure and re-strike. Once operating for a few minutes, the lamps should re-strike instantly.

Mega Double Control Panel



- A) **Circular Output Connector:** Provides electrical power to the lamp head with the use of an extension cable.
- B) **Fuse:** Provides circuit protection. Note: If Fuse is “blown” or “open”, replace with same type of fuse rating as marked.
- C) **Manual Switches:** Turns lamps on and off manually.
- D) **HO/STD:** Set to **HO** for High Output and **Std** for Standard light output.

(Note: The Mega Double ballast is shown for example purposes.)

Manual Operation

The Ballast operates remote from the fixture. Connect the Extension cable to the Ballast and the Lamp Harness. After the lamps are properly installed, the Ballast can be turned on. Each switch controls one lamp.

Lamp Select Feature

The Mega Ballasts have an **HO/Std** switch. Set the selector switch to **HO** for High Output and **Std** for Standard light output.

When operating 8ft or 6ft lamps in high ambient temperature or where the units are rigged into place with restricted airflow, the **Std** setting can be used to lower the color temperature and remove any green spike. The light drops about a half f-stop in exposure when dropping from **HO** to **Std**.

Accessories and Parts



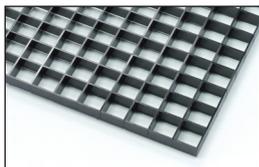
FIX-9602 8ft Mega Double Fixture Shell
FIX-9601 8ft Mega Single Fixture Shell

FIX-7202 6ft Mega Double Fixture Shell
FIX-7201 6ft Mega Single Fixture Shell



HAR-9602 8ft Mega Double Fixture Harness
HAR-9601 8ft Mega Single Fixture Harness

HAR-7202 6ft Mega Double Fixture Harness
HAR-7201 6ft Mega Single Fixture Harness



LVR-4802-B 4ft Double Louver, Black (2 Required)
LVR-4801-B 4ft Single Louver, Black (2 Required)
LVR-3602-B 3ft Double Louver, Black (2 Required)
LVR-3601-B 3ft Single Louver, Black (2 Required)



MTP-BAL Kino Ballast Baby Mount (16mm)



MTP-LM Kino 81 Lollipop w/ Junior Pin (28mm)



REF-9602 8ft Mega Double Reflector
REF-9601 8ft Mega Single Reflector

REF-7202 6ft Mega Double Reflector
REF-7201 6ft Mega Single Reflector



X09-A7M Mega Double to Mega Single Splitter

Expendables



EXP-LHC-T12 Lamp Holder Clips, T12 (24pk)



EXP-M&T Adhesive Mounts & Releasable Ties (25pk)



PRT-HLC Kino Locking Lamp Connector (1pk)

PRT-HLC/50PK Kino Locking Lamp Connector (50pk)

See our website at www.kinoflo.com for more repair parts.

Cases



KAS-96



KAS-96L



KAS-KFC

Part Number	Description	Dimensions	Weight (Empty)	Holds
INS-L4	4-Lamp Foam Pad	24 x 9 x 1" (61 x 23 x 2.5cm)	N/A	Fits KAS-48, 72, 96
INS-L6	6-Lamp Foam Pad	24 x 13 x 1" (61 x 33 x 2.5cm)	N/A	Fits KAS-54S, 54L, 96L
KAS-72	6ft Lamp Ship Case	72.5 x 11 x 12" (184 x 28 x 30.5cm)	20 lb (9kg)	6ft Lamps (20)
KAS-96	8ft Lamp Ship Case	97.5 x 11 x 14" (248 x 28 x 36cm)	29 lb (13kg)	8ft Lamps (24)
KAS-96L	8ft Fixture Ship Case	101.5 x 14.5 x 16.5" (258 x 37 x 42cm)	38.5 lb (17.5kg)	8ft Mega Double Fixtures (9)
KAS-KFC	Ballast & Cable Crate w/ Lid	21.5 x 15 x 12" (54.5 x 38 x 30.5cm)	6 lb (3kg)	Ballasts, Cables, Mounting Plates

Ballast Specifications



Mega Double

BAL-227M-120U Mega Double Ballast, Univ 120U

Input Voltage: 100~240VAC 50/60Hz
Output Frequency: 25kHz
Amperage: F120/2.2A, F100/1.7A
Fuse: 6.3A/250V Time Delay
Lamp Switching: 1~2
Output Switching: HO/Std
Ballast Size: 8.8 x 9.3 x 2.7"
(22 x 24 x 7cm)
Weight: 3.4 lb (1.5kg)

BAL-227M-230U Mega Double Ballast, Univ 230U

Input Voltage: 240~100VAC 50/60Hz
Output Frequency: 25kHz
Amperage: F120/1.1A, F100/0.9A
Fuse: 6.3A/250V Time Delay
Lamp Switching: 1~2
Output Switching: HO/Std
Ballast Size: 8.8 x 9.3 x 2.7"
(22 x 24 x 7cm)
Weight: 3.4 lb (1.5kg)



Mega Single

BAL-127M-120U Mega Single Ballast, Univ 120U

Input Voltage: 100~240VAC 50/60Hz
Output Frequency: 25kHz
Amperage: F120/1.1A, F100/0.9A
Fuse: 4A/250V Time Delay
Lamp Switching: 1~off
Output Switching: HO/Std
Ballast Size: 9.5 x 3.6 x 2.7"
(24 x 9 x 7cm)
Weight: 2.2 lb (1.0kg)

BAL-127M-230U Mega Single Ballast, Univ 230U

Input Voltage: 240~100VAC 50/60Hz
Output Frequency: 25kHz
Amperage: F120/0.6A, F100/0.5A
Fuse: 4A/250V Time Delay
Lamp Switching: 1~off
Output Switching: HO/Std
Ballast Size: 9.5 x 3.6 x 2.7"
(24 x 9 x 7cm)
Weight: 2.2 lb (1.0kg)

For latest Warranty information and Certifications,
see Kino Flo website at www.kinoflo.com.

Environmental: Disposal of Old Electrical & Electronic Equipment.



This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. This product is made of recyclable materials and should be disposed of in accordance with governmental regulations.

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