

Eliminator[®] LIGHTING

Electro MH25R

CAUTION! Please read and understand these instructions before installing or operating this unit.



Introduction:

This unit can be either an 8 or 12 channel DMX intelligent moving head unit. The Electro MH25R has 3 operating modes; sound active mode, auto program mode (test mode), or it can be controlled by a DMX controller. The unit can be run as a stand alone unit or in a Master/Slave configuration. This unit has been tested and the lamp has been installed at the factory, there is no assembly required. The unit is ready to be plugged in to a power outlet. There are no dipswitch settings for Master/Slave mode, just simply link the units together. To enhance the beams effects you can use a fog machine. This unit looks good in pairs.

CAUTION! Please read and understand these instructions before installing or operating this unit.

1 Year Limited Warranty: Eliminator Lighting warranty is valid from the date of purchase. Our 1 year limited warranty covers manufacturing defects only. Serial number, place of purchase with dated valid receipt must be submitted at time of service. Eliminator Lighting warranty does not cover items or parts prone to wear and tear: motors, fuses, brushes and belts. Eliminator Lighting warranty is only valid with-in the United States.

Fuse Replacement: Locate and remove the unit's power cord. Once the cord has been removed located the fuse holder located inside the power socket. Insert a flat-head screw driver into the power socket and gently pry out the fuse holder. Remove the bad fuse and replace with a new one. The fuse holder has a built-in socket for a spare fuse be sure not to confuse the spare fuse with active fuse.

SPECIFICATIONS:

Model:	Electro MH25R
LED:	1 x 25W LED
Weight:	19lbs./ 18.6kgs.
Size:	12" (H) x 10.5" (W) x 10" (L)
Fuse:	2 Amp
Supply Voltage:	110V-240V 50/60Hz
Working Position:	Any Safe position
Duty Cycle:	None
DMX Channels:	2 DMX Channel Modes 8 Channel Mode & 12 Channel Mode
Gobos:	7 plus Spot
Colors:	8 Colors + White
Warranty:	1 Year

OPERATION:

UNIVERSAL DMX CONTROL: This unit allows you to use any universal DMX-512 controller to control head movement, the color wheel, the gobo wheel, and the shutter (strobe). A DMX controller allows you to create unique programs tailored to your individual needs. Follow the set-up specifications that are included with your DMX controller.

1. The Electro MH25R™ has an 8 channel mode and 12 channel mode.
2. To select your desired DMX mode please see the next page under “d.n.pr”. Press the UP button until “d.n.pr” is displayed, then press ENTER. Select your desired DMX Channel Mode and press ENTER.
3. After you have selected your desired DMX Channel Mode, press the UP button until “8000” is displayed, press ENTER.
4. Now press the UP button to set your desired address and press ENTER. Connect your DMX Controller.
5. Use the controller’s faders to control the various DMX fixture traits.
6. For longer cable runs (more than a 100 feet) use a terminator on the last fixture.
7. For help operating in DMX mode consult the manual included with your DMX controller.

STAND-ALONE OPERATION (SOUND ACTIVE OR TEST MODE): This mode allows a single unit to run to the beat of the music.

SOUND ACTIVE MODE:

1. To activate Sound Active mode, press the MODE button until the main menu is displayed. Press either the UP or DOWN button until “A.Udl” is displayed.
2. Press either the UP or DOWN buttons until “ON” is displayed. If “ON” is already displayed then press ENTER. The unit will now run to the beat of the music.

TEST MODE: When power is supplied to the unit this is the default setting.

1. To reactivate the Test mode, press the MODE button until main menu is displayed. Press either the UP or DOWN buttons until the LCD will display “t.ESt”, press Enter. The LCD will now display “M.od.1”, press ENTER. The unit will now run a automatic show.

MASTER-SLAVE OPERATION (SOUND ACTIVE OR TEST MODE): This function will allow you to link up to 16 units together and operate without a controller. The units can be sound activate or run in a test mode. In Master-Slave operation one unit will act as the controlling unit and the others will react to the controlling units programs. Any unit can act as a Master or as a Slave.

1. This is a very simple process. Using standard XLR microphone cables, daisy chain your units together via the XLR connector on the rear of the units. Remember the Male XLR connector is the input and the Female XLR connector is the output. For longer cable runs we suggest a terminator at the last fixture. ***You do not have to assign the units Master/Slave. They will automatically fall into Master/Slave mode when connected.***

MENUS: To access these menus you must press the ESC button twice and then press the UP button until you find the specific menu you are looking for.

A.001: At this menu you can set the DMX address. Press the Enter button, and the “A” will start flashing. Press the UP or Down buttons to find your desired address. When you have found your desired address press the Enter button to set it.

r.set (Reset): In this menu you can activate reset function. Using the Up button scroll to “r.set” and press Enter. The unit will now begin to reset.

r.tilt (Reverse Tilt): In this menu you can reverse the Tilt function. Using the Up button scroll to “r.tilt” and press Enter. Press the Up button until “On” is displayed, and press Enter. Now, press ESC. This function works better when you have two units connected in a Master/Slave setup. Have one unit set to reverse Tilt and the other unit left in normal Tilt.

r.pan (Reverse Pan): In this menu you can reverse the Pan function. Using the Up button scroll to “r.pan” and press Enter. Press the Up button until “On” is displayed, and press Enter. Now, press ESC. This function works better when you have two units connected in a Master/Slave setup. Have one unit set to reverse Pan and the other unit left in normal Pan.

A.Udl (Sound Active): In this menu you can activate Sound Active mode. Using the Up button scroll to “A.Udl” and press Enter. Press the Up button until “On” is displayed, and press ENTER. It will take about 10 secs. for Sound Activity to start.

t.Est (Test Mode/Auto Program): In this menu you can activate the test/auto program mode. Using the Up or Down button scroll to “t.Est” and press Enter. “M.od.1” will be displayed, and press ENTER.

d.n.pr (DMX Mode): This menu will let you select which DMX Channel Mode to run. Choose between 12 Channel Mode (Mode 1) or 8 Channel Mode (Mode 2). Press the Enter button to confirm your selection. Press ESC to exit this menu.

PErS (Display): In this menu you can “flip” the display 180°. Using the Up button scroll to “PErS” and press Enter. “Turn” should now be displayed. Press the Up button if we wish to “flip” the display, and press Enter.

DMX TRAITS: 8 CHANNELS

CHANNEL 1: PAN 0 - 540

CHANNEL 2: TILT 0 - 270

CHANNEL 3: PAN/TILT SPEED FAST - SLOW

CHANNEL 4: COLOR WHEEL

0 - 4 = WHITE
5 - 9 = YELLOW
10 - 14 = PINK
15 - 19 = GREEN
20 - 24 = ROSE
25 - 29 = LIGHT BLUE
30 - 34 = YELLOW GREEN
35 - 39 = ORANGE RED
40 - 44 = NAVY BLUE
45 - 127 = COLOR CONTINUE
128 - 191 = RAINBOW COUNTER-CLOCKWISE
192 - 255 = RAINBOW CLOCKWISE ROTATION

CHANNEL 5: GOBO WHEEL

0 - 4 = SPOT
5 - 9 = GOBO 1
10 - 14 = GOBO 2
15 - 19 = GOBO 3
20 - 24 = GOBO 4
25 - 29 = GOBO 5
30 - 34 = GOBO 6

CHANNEL 5: GOBO WHEEL CONT.

35 - 39 = GOBO 7
44 - 54 = SPOT
55 - 69 = GOBO 1 SHAKE
70 - 84 = GOBO 2 SHAKE
85 - 99 = GOBO 3 SHAKE
100 - 114 = GOBO 4 SHAKE
115 - 129 = GOBO 5 SHAKE
130 - 144 = GOBO 6 SHAKE
145 - 159 = GOBO 7 SHAKE
160 - 207 = GOBO WHEEL CLOCKWISE ROTATION
SLOW - FAST
208 - 255 = GOBO WHEEL COUNTER-CLOCKWISE
ROTATION SLOW - FAST

CHANNEL 6: GOBO ROTATION

0 - 127 = GOBO MANUAL ROTATION
128 - 191 = COUNTER-CLOCKWISE ROTATION
192 - 255 = CLOCKWISE ROTATION

CHANNEL 7: STROBING

0 - 39 = ON
40 - 249 = STROBING SLOW - FAST
250 - 255 = ON

CHANNEL 8: MASTER DIMMER

0 - 255 = 0% - 100%

DMX TRAITS: 12 CHANNELS

CHANNEL 1: PAN

CHANNEL 2: TILT

CHANNEL 3: 16 BIT PAN ADJUSTMENT

CHANNEL 4: 16 BIT TILT ADJUSTMENT

CHANNEL 5: PAN/TILT SPEED

CHANNEL 6: COLOR WHEEL

0 - 4 = WHITE
5 - 9 = YELLOW
10 - 14 = PINK
15 - 19 = GREEN
20 - 24 = ROSE
25 - 29 = LIGHT BLUE
30 - 34 = YELLOW GREEN
35 - 39 = ORANGE RED
40 - 44 = NAVY BLUE
45 - 127 = COLOR CONTINUE
128 - 191 = RAINBOW COUNTER-CLOCKWISE
192 - 255 = RAINBOW CLOCKWISE ROTATION

CHANNEL 7: STROBING

0 - 39 = ON
40 - 249 = STROBING SLOW - FAST
250 - 255 = ON

CHANNEL 8: MASTER DIMMER

0 - 255 = 0% - 100%

CHANNEL 9: GOBO WHEEL

0 - 4 = SPOT
5 - 9 = GOBO 1
10 - 14 = GOBO 2
15 - 19 = GOBO 3
20 - 24 = GOBO 4
25 - 29 = GOBO 5
30 - 34 = GOBO 6
35 - 39 = GOBO 7
44 - 54 = SPOT
55 - 69 = GOBO 1 SHAKE
70 - 84 = GOBO 2 SHAKE
85 - 99 = GOBO 3 SHAKE
100 - 114 = GOBO 4 SHAKE
115 - 129 = GOBO 5 SHAKE
130 - 144 = GOBO 6 SHAKE
145 - 159 = GOBO 7 SHAKE
160 - 207 = GOBO WHEEL CLOCKWISE
ROTATION SLOW - FAST

CHANNEL 9: GOBO WHEEL CONT.

208 - 255 = GOBO WHEEL COUNTER-CLOCK
WISE ROTATION SLOW - FAST

CHANNEL 10: GOBO ROTATION

0 - 127 = GOBO MANUAL ROTATION
128 - 191 = COUNTER-CLOCKWISE ROTATION
192 - 255 = CLOCKWISE ROTATION

CHANNEL 11: MOVING BLACKOUT AND RE-
POSITIONING FUNCTION

0 - 29 = MOVING BLACKOUT CLOSED
30 - 59 = XY MOVING BLACKOUT
60 - 89 = COLOR MOVING BLACKOUT
90 - 119 = GOBO MOVING BLACKOUT
120 - 149 = XY COLOR MOVING BLACKOUT
150 - 179 = XY GOBO MOVING BLACKOUT
180 - 209 = COLOR/GOBO MOVING BLACK-
OUT
210 - 239 = XY/COLOR/GOBO MOVING
BLACKOUT
240 - 244 = MOVING BLACKOUT CLOSED
245 - 250 = MOVING BLACKOUT CLOSED,
DELAY REPOSITIONING
251 - 255 = MOVING BLACKOUT CLOSED

CHANNEL 12: PROGRAM FUNCTION

0 - 10 = CONTROLLER
11 - 250 = PROGRAM AUTO RUN
SLOW - FAST
251 - 255 = PROGRAM RUNS BY SOUND
ACTIVE