



Motion 60 LED

Introduction:

This unit can be either an 8 or 13 channel DMX intelligent moving head unit. The Motion 60 LED has 4 operating modes; sound active mode, show mode, auto run 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.

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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:	Motion 60 LED
LED:	1 x 60W White LED
Weight:	20lbs./ 9.0kgs.
Size:	10.75" (L) x 8.85" (W) x 15.75" (H)
Fuse:	2 Amp
Supply Voltage:	110V-130V 50/60Hz
Power Consumption:	100W
Working Position:	Any Safe position
Duty Cycle:	None
DMX Channels:	2 DMX Channel Modes: 8 Channel Mode & 13 Channel Mode
Gobos:	7 + Spot
Colors:	8 Colors + White
Warranty:	1 Year

ADDR: In this menu you can set the DMX address. Press the Mode button until “AXXX” is displayed. “XXX” is the current displayed DMX address. Press Enter and use the UP or Down buttons to find your desired address. When you have found your desired address press the Enter button to set it.

SOUN (Sound Active): In this menu you can activate Sound Active mode. Press the Mode button until “SOUN” is displayed and press Enter. Either “SO-M” (Master in sound mode) or “SO-A” (Stand Alone unit in sound mode) will be displayed. Use the Up and Down buttons toggle between the two modes and press Enter to make you selection.

AUTO (Auto Program): In this menu you can activate the auto program mode. Press the Mode button until “AUTO” is displayed and press Enter. Either “AU-M” (Master in Auto mode) or “AU-A” (Stand Alone unit in Auto mode) will be displayed. Use the Up and Down buttons toggle between the two modes and press Enter to make you selection.

SHOU (Show Mode): In this menu you can activate the 1 of 2 show mode’s. Press the Mode button until “SHOU” is displayed and press Enter. Either “SHO1” or “SHO2” will be displayed. Use the Up and Down buttons toggle between the two shows and press Enter to make you selection.

RPAN (Reverse Pan): In this menu you can reverse the Pan function. Press the Mode button until “RPAN” is displayed and press Enter. Press the Up button until “On” is displayed, and press Enter. 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.

RTIL (Reverse Tilt): In this menu you can reverse the Tilt function. Press the Mode button until “RTIL” is displayed and press Enter. Press the Up button until “On” is displayed, and press Enter. 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.

RDIS (Display): In this menu you can “flip” the display 180°. Press the Mode button until “RDIS” is displayed and press Enter. Either “ON” or “OFF” will now be displayed. If you want to “flip” the display press the Up button so that “ON” is displayed, and press Enter.

DEGR: In this menu you change the moving head pan degree. Press the Mode button until “DEGR” is displayed and press ENTER. Either “540” or “360” will be displayed. Use the Up and Down buttons toggle between the two degrees and press Enter to make you selection.

CHMO: The Motion 60 LED has 2 DMX channel modes; 8 channel mode and 13 channel mode. In this menu you can select your desired channel mode. Press the Mode button until “CHMO” is displayed and press ENTER. Either “13CH” or “8CH” will be displayed. Use the Up and Down buttons toggle between the two modes and press Enter to make you selection.

MIC: In this menu you can adjust the mic sensitivity. Press the Mode button until “MIC” is displayed and press ENTER. “M-XX” will be displayed. “XX” represents the current sensitivity setting. Use the Up and Down buttons to adjust the sensitivity and press Enter when you are finished.

FITI: In this menu you can check the fixture running time. Press the Mode button until “FITI” is displayed and press ENTER. “XXXX” will be displayed. “XXXX” represents the current running time. Press the Mode button to exit this menu.

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

LOAD: In this menu you can activate reset function. Using the Up button scroll to “REST” and press Enter. The unit will now begin to reset.

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 Motion 60 LED has two DMX channel modes; 8 DMX channels and 13 DMX channels.
2. Press the Mode button until "CHMO" is displayed, and press Enter.
3. Press the Up or Down buttons until your desired DMX channel mode is displayed, and press Enter.
4. Press the Mode button until "ADDR" is displayed, and press Enter.
4. Use the Up and Down buttons to find 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.

SOUND ACTIVE MODE:

1. To activate Sound Active mode, press the MODE button until "SOUN" is displayed, and press Enter.
2. Either "SO-M" or "SO-A" will be displayed. If you would like to the unit to be a Master in a Master-Slave configuration, press the Up or Down buttons until "SO-M" is displayed, and press Enter to select.
3. If you would like the fixture to run as a stand alone unit, press the Up or Down buttons until "SO-A" is displayed and press Enter to select. The unit will now run to the beat of the music.

AUTO MODE:

1. To activate Auto Run mode, press the MODE button until "AUTO" is displayed, and press Enter.
2. Either "AU-M" or "AU-A" will be displayed. If you would like to the unit to be a Master in a Master-Slave configuration, press the Up or Down buttons until "AU-M" is displayed, and press Enter to select.
3. If you would like the fixture to run as a stand alone unit, press the Up or Down buttons until "AU-A" is displayed and press Enter to select.

MASTER-SLAVE CONFIGURATION (SOUND ACTIVE OR AUTO 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 in auto run. In a Master-Slave set up 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.
2. Select your Master unit and set your desired operating mode. Follow the directions under the operating mode you have selected and set the unit as the "Master". The connected "Slave" units will now follow the "Master" 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.

DMX TRAITS: 8 CHANNELS

CHANNEL 1: PAN

CHANNEL 2: TILT

CHANNEL 3: COLOR WHEEL

0 - 13 = WHITE
14 - 27 = YELLOW
28 - 41 = PINK
42 - 55 = GREEN
56 - 69 = PINK CARNATION
70 - 83 = BLUE
84 - 97 = YELLOW
98 - 111 = ORANGE
112 - 127 = RED
128 - 190 = RAINBOW CLOCKWISE ROTATION
191 - 255 = RAINBOW COUNTER-CLOCKWISE

CHANNEL 4: GOBO WHEEL

0 - 9 = SPOT
10 - 19 = GOBO 1
20 - 29 = GOBO 2
30 - 39 = GOBO 3
40 - 49 = GOBO 4
50 - 59 = GOBO 5
60 - 69 = GOBO 6
70 - 79 = GOBO 7
80 - 99 = GOBO 1 SHAKE SLOW - FAST
100 - 119 = GOBO 2 SHAKE SLOW - FAST
120 - 139 = GOBO 3 SHAKE SLOW - FAST
140 - 159 = GOBO 4 SHAKE SLOW - FAST
160 - 179 = GOBO 5 SHAKE SLOW - FAST
180 - 199 = GOBO 6 SHAKE SLOW - FAST
200 - 219 = GOBO 7 SHAKE SLOW - FAST
220 - 255 = GOBO WHEEL ROTATION
SLOW - FAST

CHANNEL 5: GOBO ROTATION

0 - 127 = NO ROTATION
128 - 191 = FORWARD GOBO ROTATION
192 - 255 = BACKWARD GOBO ROTATION

CHANNEL 6: SHUTTER

0 - 9 = CLOSED
10 - 19 = OPEN
20 - 127 = STROBE EFFECT 1 SLOW - FAST
128 - 137 = OPEN
138 - 201 = STROBE EFFECT 2 SLOW - FAST
202 - 255 = OPEN

CHANNEL 7: FOCUS

0 - 255 = ADJUSTMENT FAR TO NEAR

CHANNEL 8: PRISM

0 - 3 = OPEN
4 - 127 = CLOSE
128 - 255 = ROTATION SLOW - FAST

DMX TRAITS: 13 CHANNELS

CHANNEL 1: PAN

CHANNEL 2: TILT

CHANNEL 3: PAN/TILT SPEED

0 - 255 = FAST - SLOW

CHANNEL 4: COLOR WHEEL

0 - 13 = WHITE

14 - 27 = YELLOW

28 - 41 = PINK

42 - 55 = GREEN

56 - 69 = PINK CARNATION

70 - 83 = BLUE

84 - 97 = YELLOW

98 - 111 = ORANGE

112 - 127 = RED

128 - 190 = RAINBOW CLOCKWISE ROTATION

191 - 255 = RAINBOW COUNTER-CLOCKWISE

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70 - 79 = GOBO 7

80 - 99 = GOBO 1 SHAKE SLOW - FAST

100 - 119 = GOBO 2 SHAKE SLOW - FAST

120 - 139 = GOBO 3 SHAKE SLOW - FAST

140 - 159 = GOBO 4 SHAKE SLOW - FAST

160 - 179 = GOBO 5 SHAKE SLOW - FAST

180 - 199 = GOBO 6 SHAKE SLOW - FAST

200 - 219 = GOBO 7 SHAKE SLOW - FAST

220 - 255 = GOBO WHEEL ROTATION
SLOW - FAST

CHANNEL 6: GOBO ROTATION

0 - 127 = NO ROTATION

128 - 191 = FORWARD GOBO ROTATION

192 - 255 = BACKWARD GOBO ROTATION

CHANNEL 7: SHUTTER

0 - 9 = CLOSED

10 - 19 = OPEN

20 - 127 = STROBE EFFECT 1 SLOW - FAST

128 - 137 = OPEN

138 - 201 = STROBE EFFECT 2 SLOW - FAST

CHANNEL 7: SHUTTER

202 - 255 = OPEN

CHANNEL 8: MASTER DIMMER

0 - 255 = 0% - 100%

CHANNEL 9: FOCUS

0 - 255 = ADJUSTMENT FAR TO NEAR

CHANNEL 10: PRISM

0 - 3 = OPEN

4 - 127 = CLOSE

128 - 255 = ROTATION SLOW - FAST

CHANNEL 11: FUNCTIONS/PROGRAMS

0 - 16 = RESERVED

17 - 33 = BLACKOUT W/ PAN/TILT MOVE

34 - 50 = BLACKOUT W/ ALL WHEEL MOVE

51 - 67 = COLOR & GOBO MOTOR RESET

68 - 84 = ALL MOTOR RESET

85 - 101 = INTERNAL PROGRAM 1

102 - 118 = INTERNAL PROGRAM 2

119 - 135 = INTERNAL PROGRAM 3

136 - 152 = INTERNAL PROGRAM 4

153 - 169 = INTERNAL PROGRAM 5

170 - 186 = INTERNAL PROGRAM 6

187 - 203 = INTERNAL PROGRAM 7

204 - 220 = INTERNAL PROGRAM 8

221 - 237 = INTERNAL PROGRAM 9

238 - 255 = INTERNAL PROGRAM 10

CHANNEL 12: PAN FINE

CHANNEL 13: TILT FINE