# MEGALITE™

# AXIS PRIME 10R

# USER MANUAL

## Table of Contents

# Check that the unit has not been damaged during transport



## Read all cautions and warnings prior to operation of this equipment

### Protection Against Fire



Fire

1. Maintain a minimum of 1 foot distance from any type of flame.
3. Replace fuse only with the specified type and rating.
4. Do Not install the unit to close to a heat source.
5. Make sure cable are properly secured away from unit movement.
6. Maximum surface operating temperature 104º.

### Protection Against Fire



Electrical

1. Disconnect power before lamp replacement or servicing.
2. For connection to main power supply proceed to page 6.
3. This unit must be earthed. (electronically grounded)
4. Do not expose unit to rain or moisture.

### Protection Against Mechanical Hazards



Mechanical

1. Use safety chain when hanging unit.
2. Use quality clamps or bolts when positioning unit
3. Do not open unit risk of electrical shock.

# Specifications

## Part Numbers

| Fixture | Lamp | Flight Case |
|---|---|---|
| 1120 - AXIS Prime 10R | LOSR280 –Osram HRI280W | P-1120    DUALCASE |

## Mechanical Specifications

**Pan:**     540°     **Tilt:** 270°

**DMX Connectors:**     3-pin and 5-pin XLR connectors

**Thermal:**     Maximum ambient temperature 40° C
Maximum surface temperature 80° C

**Fastening  System:**     2 Quick release Clamp mounts bi-directional

**Looking System:**     Pan & Tilt lock for transportation

| Fixture | Packaged for Shipping |
|---|---|
| Size: 15.5/8" x 12.75" / 15.5" (with Connection) x 22.75" Weight: 40 lb | Size: 18.5" x 24" x 15.75" Weight: 46 lb |

9 "

4 3/8 "

14 3/8 "

18 1/2 "

16.3/4 "

4 3/4 "

15 5/8 "   ( with handles )

## Electrical Specifications

**Power supply:**     Auto Switch100V-240V 50/60 HZ

**Power consumption:**     3.94 amps
427 watts

**Ballast:**     Electronic

**LAMP:**     Osram Sirius HRI 280W

## Electromechanical Effects

**Focus:**     Motorized Focus

**Zoom:**     Motorized Zoom 2.7°≈48°

**Prism:**     3-Facet prism rotating in both directions at different speeds

**Dimmer:**     Mechanical Dimmer.

**Shutter:**     Mechanical strobe of lamp 9 flash per second

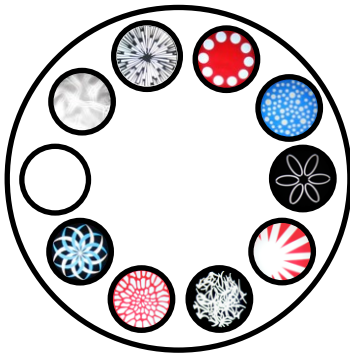# Color



1: Open
2: Red
3: Orange
4: Light Blue
5: Green
6: Lilac
7: Pink
8: Yellow
9: Magenta
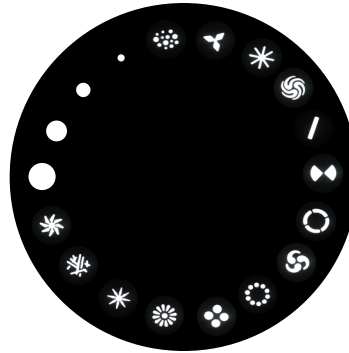10: Blue
11: CTO
12: Lavender
13: CTB
14: UV

# Gobo's

**Removable Rotating Gobo Wheel**



1: Open
2: Gobo 1
3: Gobo 2
4: Gobo 3
5: Gobo 4
6: Gobo 5
7: Gobo 6
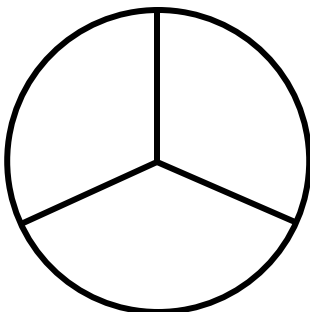8: Gobo 7
9: Gobo 8
10: Gobo 9

**Fixed Static Gobo Wheel**



1: Open
2: Gobo 1
3: Gobo 2
4: Gobo 3
5: Gobo 4
6: Gobo 5
7: Gobo 6
8: Gobo 7
9: Gobo 8
10: Gobo 9
11: Gobo 10
12: Gobo 11
13: Gobo 12
14: Gobo 13
15: Gobo 14
16: Gobo 15
17: Gobo 16
18: Gobo 17

**Removable Gobo:**     Diameter ? mm          Image ? mm          Thickness ? mm max

# Prism

**Rotating 3 way Prism**
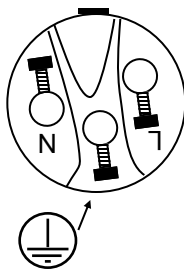
# Main Power Connec-

Caution!
1. Do not connect fixture to a dimmer system.
2. This unit must be earthed. (electronically grounded)
3. Replace fuse only with the specified type and rating.

This device is equipped with a auto switching power supply that will allow you to work from 100V-240V 50/60Hz
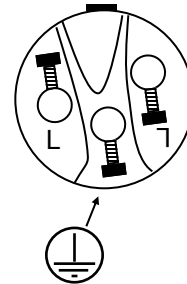
The occupation of the connection-cable is as follows:

| Cable (USA) | Cable (EU) | Pin | 110V | 220V |
|---|---|---|---|---|
| Black | Brown | Live | L | L |
| White | Light Blue | Neutral | N | L |
| Green | Yellow/Green | Ground | ⏚ | ⏚ |

| 110V Connec- | | 220V Connec- | |
|---|---|---|---|

# DMX-512 Connec-

The fixture is equipped with 3 pin XLR Sockets for DMX input and output.  The sockets are wired in parallel.  Only use a shielded twisted pair cable designed for RS-485 and 3 pin XLR plugs and connectors in order to connect the controller with the fixture or the fixture with another.

**DMX—input**
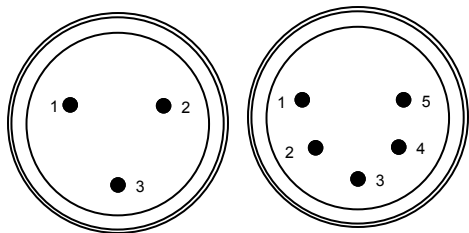
**DMX—output**

| 1. Shield |
|---|
| 2. Signal (-) |
| 3. Signal (+) |
| 4. N/A |
| 5. N/A |
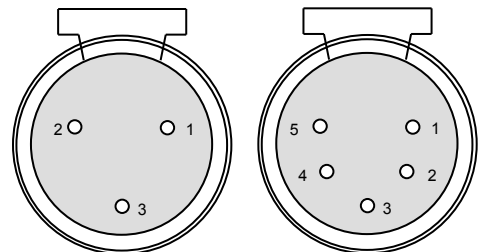
Caution!
At the last fixture the DMX signal needs to be terminated with a terminator. Solder a 120 Ohm resistor between the (-) and the (+) signal into a 3 pin XLR plug and plug it in to the last fixture on the signal run.  Pre-manufactured terminator plugs are availa-

# Rigging the fix-

Caution!
1. The installations must be carried out by an authorized dealer or trained professional.
2. Unit may cause severe injures if you have doubts concerning the safety do not install.

When rigging a unit it is very important that you follow common safety procedures. Rigging requires extensive experience including but not limited to calculating working loads, material being used and periodic safety inspections. If you lack these qualifications, do not attempt the installation yourself, instead use a professional structural rigger.

When rigging the unit always be secured with a secondary safety attachment. The installation location of the projector has got to be built in the way that it can hold 10 times the weight for 1 hour with out any harming. Installation should be checked at least one time a year by a skilled person.

# Main Control

The control board on the fixture base is your interface to access and control all the functions on the unit. Its LED display gives you a code view of the options and functions. The following will explain each function and its options.
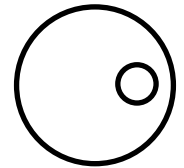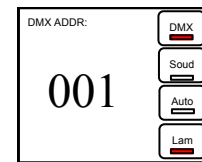
| | |
|---|---|
| **MEGA** LITE ™  System Star | Introduction |

| | |
|---|---|
| DMX ADDR:  001  DMX / Soud / Auto / Lam | **Display Menu**  Press On Jog Wheel to activate menu options |

| | |
|---|---|
| Address >001  Display >  Feature >  Lamp Sett >  Info See >  Control >  Assi Tool >  Chan Leve >  Reset >  Exit Menu >  DMX / Soud / Auto / Lam | **Address**  Rotate Jog Wheel to select desired DMX start address. Press on jog wheel to confirm the settings |

| | | | |
|---|---|---|---|
| Address >001  Display >  Feature >  Lamp Sett >  Info See >  Control >  Assi Tool >  Chan Leve >  Reset >  Exit Menu >  DMX / Soud / Auto / Lam | **Display**  This function will allow you to customize the display interface | Show Reve >Natu  Language >Engl  BrigSet >007  Backligh >5MIN  MenuBack >5MIN  BackFlah >Open  Return >  DMX / Soud / Auto / Lam | Show Reve= Invert the display  Language= Will convert the display language from English to Chinese  BrigSet= Will allow you to adjust the intensity from 0 to 7  Backligh= option to turn the display off automatically in 1,5,8min or leave light  MenuBack= option to return to main display in 1,5,8 min or turn off sunction  BackFlah= N/A  Return= Return to the previous menu |

## Feature

| Menu | | |
|---|---|---|
| Address | >001 | |
| Display | > | |
| Feature | > | |
| Lamp Sett | > | |
| Info See | > | |
| Control | > | |
| Assi Tool | > | |
| Chan Leve | > | |
| Reset | > | |
| Exit Menu | > | |

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**Feature**

This function will allow you to customize your operating features

| | |
|---|---|
| XY Set up | > |
| Shortcut | >Open |
| FullColr | >Open |
| ChanMode | > |
| ReceMode | >DMX |
| RunMode | >SLVE |
| SigClear | >Open |
| DMX Reset | > |
| Return | > |

| | |
|---|---|
| XY Set Up= | Invert Pan or Tilt, Control Speed, Pan Setting 360,540,630 (New Menu) |
| Shortcut= | Will take the shortest distance to get to a Color or Gobo |
| FullColr= | Off is half Color option, On is full Color option |
| ChanMode= | Set the DMX Channel Operating mode from Small 16CH, Stander 17CH, Extended 25CH |
| Recemode= | Signal received via **DMX** cable, **Wire** is not applicable, **Auto** self mode |
| Run Mode= | Operation Mode **Auto**=run built in program **MUSC**=activate to audio **SLVE**=DMX Control |
| SigClear= | N/A |
| DMX Reset= | Will allow you to reset via DMX Control Channel |
| Return= | Return to the previous menu |

## Lamp Set

| Menu | | |
|---|---|---|
| Address | >001 | |
| Display | > | |
| Feature | > | |
| Lamp Sett | > | |
| Info See | > | |
| Control | > | |
| Assi Tool | > | |
| Chan Leve | > | |
| Reset | > | |
| Exit Menu | > | |

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**Lamp Set**

This function will allow you to adjust your Lamp Settings

| | |
|---|---|
| Default | >Open |
| Control | >Open |
| DMXLamp | >Off |
| LampTime | >0000 |
| ClearTim | > |
| LampStat | > |
| Return | > |

| | |
|---|---|
| Default= | Set Lamp Control to Default Settings |
| Control= | Will turn on or off lamp via display |
| DMXLamp= | Will allow you to turn lamp on and off via DMX Control Channel |
| LampTime= | calculates the total number of hours the lamp is turned on |
| ClearTim= | Must enter password |
| LampStat= | Status of the Lamp **Wink** lamp off, **Ilum** lamp on |
| Return= | return to the previous menu |

## Info See

| Menu | | |
|---|---|---|
| Address | >001 | |
| Display | > | |
| Feature | > | |
| Lamp Sett | > | |
| Info See | > | |
| Control | > | |
| Assi Tool | > | |
| Chan Leve | > | |
| Reset | > | |
| Exit Menu | > | |

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**Info See**

Observe fixtures status

| | |
|---|---|
| WorkHours | >0000 |
| Times | >0000 |
| Fan1Rota | >0000 |
| Fan2Rota | >0000 |
| Version | >DC06 |
| SpareTim | >Most |
| SpareCut | >Most |
| Return | > |

| | |
|---|---|
| WorkHours= | Number of hours the fixture has been On |
| Times= | Number of times the fixture has been turned On |
| Fan1Rota= | Status of Fan 1 |
| Fan2Rota= | Status of Fan 2 |
| Version= | Operating software version |
| SpareTim= | |
| SpareCut= | |
| Return= | Return to the previous menu |

## Control

| Menu | | |
|---|---|---|
| Address | >001 | |
| Display | > | |
| Feature | > | |
| Lamp Sett | > | |
| Info See | > | |
| Control | > | |
| Assi Tool | > | |
| Chan Leve | > | |
| Reset | > | |
| Exit Menu | > | |

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**Control**

Individual control of each channel

| | |
|---|---|
| Chanel01 | >000 |
| Chanel02 | >000 |
| Chanel03 | >000 |
| Chanel04 | >000 |
| Chanel05 | >000 |
| Chanel06 | >000 |
| Chanel07 | >255 |
| Return | > |

| | |
|---|---|
| Channel01= | Control of the channel 0-255 |
| Return= | Return to the previous menu |

(Note; Depending on the Channel Mode the fixture is set to the channel will change.)

## Assi Tool

| Menu | | |
|---|---|---|
| Address | >001 | |
| Display | > | |
| Feature | > | |
| Lamp Sett | > | |
| Info See | > | |
| Control | > | |
| Assi Tool | > | |
| Chan Leve | > | |
| Reset | > | |
| Exit Menu | > | |

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**Assi Tool**

Factory Fixture settings

| | |
|---|---|
| Factory | > |
| Defaults | > |
| Redress | > |
| ChDefine | > |
| Brightne | > |
| Checksum | > |
| Return | > |

| | |
|---|---|
| Factory= | Password Required |
| Defualt= | Password Required |
| Redress= | Password Required |
| ChDefine= | View of the channel description |
| Brightne= | Password Required |
| Checksum= | Check calibration |
| Return= | Return to the previous menu |

## Chan Leve

| Menu | | |
|---|---|---|
| Address | >001 | |
| Display | > | |
| Feature | > | |
| Lamp Sett | > | |
| Info See | > | |
| Control | > | |
| Assi Tool | > | |
| Chan Leve | > | |
| Reset | > | |
| Exit Menu | > | |

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**Chan Leve**

Observe current channel status

| | |
|---|---|
| Chanel01 | >000 |
| Chanel02 | >000 |
| Chanel03 | >000 |
| Chanel04 | >000 |
| Chanel05 | >000 |
| Chanel06 | >000 |
| Chanel07 | >255 |
| Return | > |

| | |
|---|---|
| Channel01= | Observe channel current setting 0-255 |
| Return= | Return to the previous menu |

(Note; Depending on the Channel Mode the fixture is set to the channel will change.)

# Axis Prime 10R 16 Ch Mode Small

| DMX Channel | Function | Description | Value |
|---|---|---|---|
| 1 | Color | Open | 0-4 |
| | | Red + White | 5-9 |
| | | Red | 10-14 |
| | | Red + Orange | 15-19 |
| | | Orange | 20-24 |
| | | Orange +Light Blue | 25-29 |
| | | Light Blue | 30-34 |
| | | Light Blue + Green | 35-39 |
| | | Green | 40-44 |
| | | Green +Lime Green | 45-49 |
| | | Lime Green | 50-54 |
| | | Lime Green + Lilac | 55-59 |
| | | Lilac | 60-64 |
| | | Lilac + Pink | 65-69 |
| | | Pink | 70-74 |
| | | Pink + Yellow | 75-79 |
| | | Yellow | 80-84 |
| | | Yellow + Magenta | 85-89 |
| | | Magenta | 90-94 |
| | | Magenta + Blue | 95-99 |
| | | Blue | 100-104 |
| | | Blue + CTO | 105-109 |
| | | CTO | 110-114 |
| | | CTO + Lavender | 115-119 |
| | | Lavender | 120-124 |
| | | Lavender + CTB | 125-129 |
| | | CTB | 130-134 |
| | | CTB + UV | 135-139 |
| | | UV | 140-144 |
| | | UV + Open | 145-149 |
| | | Clockwise Color Scroll (Fast to Slow) | 150-200 |
| | | Open | 201-204 |
| | | Counter Clockwise Color Scroll (Slow to Fast) | 205-255 |
| 2 | Shutter | Closed | 0-19 |
| | | Open | 20-39 |
| | | Closed | 40-59 |
| | | Random Strobe | 60-79 |
| | | Strobe (Slow to Fast) | 80-139 |
| | | Open Pulse (Fast to Slow) | 140-179 |
| | | Closed Pulse ( Slow to Fast) | 180-219 |
| | | Shutter Closed On Movement | 220-233 |
| | | Open | 234-255 |
| 3 | Dimmer | Open | 0-7 |
| | | Dimmer | 8-255 |
| 4 | Static Gobo | Open | 0-11 |
| | | Gobo 1 | 12-23 |
| | | Gobo 2 | 24-35 |
| | | Gobo 3 | 36-47 |
| | | Gobo 4 | 48-59 |
| | | Gobo 5 | 60-71 |
| | | Gobo 6 | 72-83 |
| | | Gobo 7 | 84-95 |
| | | Gobo 8 | 96-107 |
| | | Gobo 9 | 108-119 |
| | | Gobo 10 | 120-131 |
| | | Gobo 11 | 132-143 |
| | | Gobo 12 | 144-155 |
| | | Gobo 13 | 156-167 |
| | | Gobo 14 | 168-179 |
| | | Gobo 15 | 180-191 |
| | | Gobo 16 | 192-203 |
| | | Gobo 17 | 204-207 |
| | | Gobo Scroll (Fast to Slow) | 208-255 |

| | | No Function | 0-127 |
|---|---|---|---|
| 5 | Prism | Prism | 128-255 |
| | | (Note Prism will not work on all Focus & Zoom Positions) | |
| 6 | Prism Rotation | Prism Index | 0-127 |
| | | Clockwise Rotation (Fast to Slow) | 128-178 |
| | | Stop Rotation | 179-204 |
| | | Counter Clockwise Rotation (Fast to Slow) | 205-255 |
| 7 | Rotation Gobo | Open | 0-20 |
| | | Gobo 1 | 21-41 |
| | | Gobo 2 | 42-62 |
| | | Gobo 3 | 63-83 |
| | | Gobo 4 | 84-104 |
| | | Gobo 5 | 105-125 |
| | | Gobo 6 | 126-146 |
| | | Gobo 7 | 147-167 |
| | | Gobo 8 | 168-188 |
| | | Gobo 9 | 189-207 |
| | | Gobo Scroll (Fast to Slow) | 208-255 |
| 8 | Zoom | Linear Zoom | 0-255 |
| 9 | Focus | Linear Focus | 0-255 |
| 10 | Pan | Pan | 0-255 |
| 11 | Pan Fine | Pan Fine | 0-255 |
| 12 | Tilt | Tilt | 0-255 |
| 13 | Tilt Fine | Tilt Fine | 0-255 |
| 14 | Pan/Tilt Speed | Pan Tilt Speed (Fast to Slow) | 0-255 |
| 15 | Gobo Rotation | Rotation Index | 0-127 |
| | | Clockwise Rotation (Slow to Fast) | 128-178 |
| | | Stop Rotation | 179-204 |
| | | Counter Clockwise Rotation (Fast to Slow) | 205-255 |
| 16 | Control | No Function | 0-33 |
| | | Lamp Off | 34-36 |
| | | No Function | 37-79 |
| | | Demo Program | 80-99 |
| | | No Function | 100-152 |
| | | Lamp On | 153-155 |
| | | No Function | 156-218 |
| | | Motor Reset | 219-221 |
| | | No Function | 222-246 |
| | | Entire Fixture Reset | 247-249 |
| | | No Function | 250-255 |

## Axis Prime 10R 17 Ch Mode  Stand

| DMX Channel | Function | Description | Value |
|---|---|---|---|
| 1 | Pan | Pan | 0-255 |
| 2 | Pan Fine | Pan Fine | 0-255 |
| 3 | Tilt | Tilt | 0-255 |
| 4 | Tilt Fine | Tilt Fine | 0-255 |
| 5 | Pan/Tilt Speed | Pan Tilt Speed (Fast to Slow) | 0-255 |
| 6 | Prism Rotation | Prism Index | 0-127 |
| | | Clockwise Rotation (Fast to Slow) | 128-178 |
| | | Stop Rotation | 179-204 |
| | | Counter Clockwise Rotation (Fast to Slow) | 205-255 |
| 7 | Dimmer | Open | 0-7 |
| | | Dimmer | 8-255 |
| 8 | Shutter | Closed | 0-19 |
| | | Open | 20-39 |
| | | Closed | 40-59 |
| | | Random Strobe | 60-79 |
| | | Strobe (Slow to Fast) | 80-139 |
| | | Open Pulse (Fast to Slow) | 140-179 |
| | | Closed Pulse ( Slow to Fast) | 180-219 |
| | | Shutter Closed On Movement | 220-233 |
| | | Open | 234-255 |

| | | Open | 0-4 |
|---|---|---|---|
| | | Red + White | 5-9 |
| | | Red | 10-14 |
| | | Red + Orange | 15-19 |
| | | Orange | 20-24 |
| | | Orange +Light Blue | 25-29 |
| | | Light Blue | 30-34 |
| | | Light Blue + Green | 35-39 |
| | | Green | 40-44 |
| | | Green +Lime Green | 45-49 |
| | | Lime Green | 50-54 |
| | | Lime Green + Lilac | 55-59 |
| | | Lilac | 60-64 |
| | | Lilac + Pink | 65-69 |
| | | Pink | 70-74 |
| | | Pink + Yellow | 75-79 |
| 9 | Color | Yellow | 80-84 |
| | | Yellow + Magenta | 85-89 |
| | | Magenta | 90-94 |
| | | Magenta + Blue | 95-99 |
| | | Blue | 100-104 |
| | | Blue + CTO | 105-109 |
| | | CTO | 110-114 |
| | | CTO + Lavender | 115-119 |
| | | Lavender | 120-124 |
| | | Lavender + CTB | 125-129 |
| | | CTB | 130-134 |
| | | CTB + UV | 135-139 |
| | | UV | 140-144 |
| | | UV + Open | 145-149 |
| | | Clockwise Color Scroll (Fast to Slow) | 150-200 |
| | | Open | 201-204 |
| | | Counter Clockwise Color Scroll (Slow to Fast) | 205-255 |
| | | Open | 0-20 |
| | | Gobo 1 | 21-41 |
| | | Gobo 2 | 42-62 |
| | | Gobo 3 | 63-83 |
| 10 | Rotation Gobo | Gobo 4 | 84-104 |
| | | Gobo 5 | 105-125 |
| | | Gobo 6 | 126-146 |
| | | Gobo 7 | 147-167 |
| | | Gobo 8 | 168-188 |
| | | Gobo 9 | 189-207 |
| | | Gobo Scroll (Fast to Slow) | 208-255 |
| | | Rotation Index | 0-127 |
| 11 | Gobo Rotation | Clockwise Rotation (Slow to Fast) | 128-178 |
| | | Stop Rotation | 179-204 |
| | | Counter Clockwise Rotation (Fast to Slow) | 205-255 |
| | | Open | 0-11 |
| | | Gobo 1 | 12-23 |
| | | Gobo 2 | 24-35 |
| | | Gobo 3 | 36-47 |
| | | Gobo 4 | 48-59 |
| | | Gobo 5 | 60-71 |
| | | Gobo 6 | 72-83 |
| | | Gobo 7 | 84-95 |
| | | Gobo 8 | 96-107 |
| 12 | Static Gobo | Gobo 9 | 108-119 |
| | | Gobo 10 | 120-131 |
| | | Gobo 11 | 132-143 |
| | | Gobo 12 | 144-155 |
| | | Gobo 13 | 156-167 |
| | | Gobo 14 | 168-179 |
| | | Gobo 15 | 180-191 |
| | | Gobo 16 | 192-203 |
| | | Gobo 17 | 204-207 |
| | | Gobo Scroll (Fast to Slow) | 208-255 |

| | | Open | 0-9 |
|---|---|---|---|
| 13 | Iris Effect | Linear Iris | 10-127 |
| | | Iris effect (Small to Big) | 128-178 |
| | | Open | 179-189 |
| | | Iris Effect (Big to Small) | 190-250 |
| | | Open Large | 251-255 |
| 14 | Prism | No Function | 0-127 |
| | | Prism | 128-255 |
| | | (Note Prism will not work on all Focus & Zoom Positions) | |
| 15 | Focus | Focus | 0-255 |
| 16 | Zoom | Zoom | 0-255 |
| 17 | Control | No Function | 0-33 |
| | | Lamp Off | 34-36 |
| | | No Function | 37-79 |
| | | Demo Program | 80-99 |
| | | No Function | 100-152 |
| | | Lamp On | 153-155 |
| | | No Function | 156-218 |
| | | Motor Reset | 219-221 |
| | | No Function | 222-246 |
| | | Entire Fixture Reset | 247-249 |
| | | No Function | 250-255 |

## Axis Prime 10R 25 Ch Mode  Exten

| DMX Channel | Function | Description | Value |
|---|---|---|---|
| 1 | Pan | Pan | 0-255 |
| 2 | Pan Fine | Pan Fine | 0-255 |
| 3 | Tilt | Tilt | 0-255 |
| 4 | Tilt Fine | Tilt Fine | 0-255 |
| 5 | Pan/Tilt Speed | Pan Tilt Speed (Fast to Slow) | 0-255 |
| 6 | Prism Rotation | Prism Index | 0-127 |
| | | Clockwise Rotation (Fast to Slow) | 128-178 |
| | | Stop Rotation | 179-204 |
| | | Counter Clockwise Rotation (Fast to Slow) | 205-255 |
| 7 | Dimmer | Open | 0-7 |
| | | Dimmer | 8-255 |
| 8 | Shutter | Closed | 0-19 |
| | | Open | 20-39 |
| | | Closed | 40-59 |
| | | Random Strobe | 60-79 |
| | | Strobe (Slow to Fast) | 80-139 |
| | | Open Pulse (Fast to Slow) | 140-179 |
| | | Closed Pulse ( Slow to Fast) | 180-219 |
| | | Shutter Closed On Movement | 220-233 |
| | | Open | 234-255 |
| 9 | Color Full Color Option (See Ch10) | Open | 0-16 |
| | | Red | 17-33 |
| | | Orange | 34-50 |
| | | Light Blue | 51-67 |
| | | Green | 68-84 |
| | | Lime Green | 58-101 |
| | | Lilac | 102-118 |
| | | Pink | 119-135 |
| | | Yellow | 136-152 |
| | | Magenta | 153-169 |
| | | Blue | 170-186 |
| | | CTO | 187-203 |
| | | Lavender | 204-220 |
| | | CTB | 221-237 |
| | | UV | 238-255 |

| | | | |
|---|---|---|---|
| 9 | Color<br>Half Color<br>Option<br><br>(See Ch 10) | Open | 0-4 |
| | | Red + White | 5-9 |
| | | Red | 10-14 |
| | | Red + Orange | 15-19 |
| | | Orange | 20-24 |
| | | Orange +Light Blue | 25-29 |
| | | Light Blue | 30-34 |
| | | Light Blue + Green | 35-39 |
| | | Green | 40-44 |
| | | Green +Lime Green | 45-49 |
| | | Lime Green | 50-54 |
| | | Lime Green + Lilac | 55-59 |
| | | Lilac | 60-64 |
| | | Lilac + Pink | 65-69 |
| | | Pink | 70-74 |
| | | Pink + Yellow | 75-79 |
| | | Yellow | 80-84 |
| | | Yellow + Magenta | 85-89 |
| | | Magenta | 90-94 |
| | | Magenta + Blue | 95-99 |
| | | Blue | 100-104 |
| | | Blue + CTO | 105-109 |
| | | CTO | 110-114 |
| | | CTO + Lavender | 115-119 |
| | | Lavender | 120-124 |
| | | Lavender + CTB | 125-129 |
| | | CTB | 130-134 |
| | | CTB + UV | 135-139 |
| | | UV | 140-144 |
| | | UV + Open | 145-149 |
| | | Clockwise Color Scroll (Fast to Slow) | 150-200 |
| | | Open | 201-204 |
| | | Counter Clockwise Color Scroll (Slow to Fast) | 205-255 |
| 10 | Color Control | Full Color Mode | 0-63 |
| | | Half Color Mode | 64-127 |
| | | Any Color Position Mode | 128-191 |
| | | Fast Color Scroll | 192-255 |
| 11 | Rotation<br>Gobo | Open | 0-20 |
| | | Gobo 1 | 21-41 |
| | | Gobo 2 | 42-62 |
| | | Gobo 3 | 63-83 |
| | | Gobo 4 | 84-104 |
| | | Gobo 5 | 105-125 |
| | | Gobo 6 | 126-146 |
| | | Gobo 7 | 147-167 |
| | | Gobo 8 | 168-188 |
| | | Gobo 9 | 189-207 |
| | | Gobo Scroll (Fast to Slow) | 208-255 |
| 12 | Rotation Control<br>(See Ch 13) | Rotation Gobo Mode | 0-127 |
| | | Index Gobo Mode | 128-255 |
| 13 | Gobo Rotation | No Function | 0-9 |
| | | Clockwise Rotation (Slow to Fast) | 10-127 |
| | | Stop Rotation | 128-137 |
| | | Counter Clockwise Rotation (Fast to Slow) | 138-255 |
| | | Gobo Index (CH 12 is 128-255) | 0-255 |
| 14 | Index Fine | Gobo Rotation Index Fine | 0-255 |
| 15 | Gobo Shake | No Function | 0-9 |
| | | Gobo Shake Up Down (Slow to Fast) | 10-127 |
| | | Stop Shake | 128-137 |
| | | Gobo Shake Down Up (Slow to Fast) | 138-255 |

| | | | |
|---|---|---|---|
| 16 | Static Gobo | Open | 0-11 |
| | | Gobo 1 | 12-23 |
| | | Gobo 2 | 24-35 |
| | | Gobo 3 | 36-47 |
| | | Gobo 4 | 48-59 |
| | | Gobo 5 | 60-71 |
| | | Gobo 6 | 72-83 |
| | | Gobo 7 | 84-95 |
| | | Gobo 8 | 96-107 |
| | | Gobo 9 | 108-119 |
| | | Gobo 10 | 120-131 |
| | | Gobo 11 | 132-143 |
| | | Gobo 12 | 144-155 |
| | | Gobo 13 | 156-167 |
| | | Gobo 14 | 168-179 |
| | | Gobo 15 | 180-191 |
| | | Gobo 16 | 192-203 |
| | | Gobo 17 | 204-207 |
| | | Gobo Scroll (Fast to Slow) | 208-255 |
| 17 | Static Gobo Shake | No Function | 0-9 |
| | | Static Gobo Shake Up Down (Slow to Fast) | 10-127 |
| | | Stop Shake | 128-137 |
| | | Static Gobo Shake Down Up (Slow to Fast) | 138-255 |
| 18 | Iris Effect | Open | 0-9 |
| | | Linear Iris | 10-127 |
| | | Iris effect (Small to Big) | 128-178 |
| | | Open | 179-189 |
| | | Iris Effect (Big to Small) | 190-250 |
| | | Open Large | 251-255 |
| 19 | Reverse | Reverse | 0-255 |
| 20 | Macro | Macro Demo Programs | 0-255 |
| 21 | Prism | No Function | 0-127 |
| | | Prism | 128-255 |
| | | (Note Prism will not work on all Focus & Zoom Positions) | |
| 22 | Focus Fine | Focus Fine | 0-255 |
| 23 | Focus | Focus | 0-255 |
| 24 | Zoom | Zoom | 0-255 |
| 25 | Control | No Function | 0-33 |
| | | Lamp Off | 34-36 |
| | | No Function | 37-79 |
| | | Demo Program | 80-99 |
| | | No Function | 100-152 |
| | | Lamp On | 153-155 |
| | | No Function | 156-218 |
| | | Motor Reset | 219-221 |
| | | No Function | 222-246 |
| | | Entire Fixture Reset | 247-249 |
| | | No Function | 250-255 |

# Cleaning and maintenance

**Installation Maintenance:** The operator has to make sure that the unit is operating safely and has the installations and electronics checked by an expert every 2 years.

The following points have to be considered during the inspection:
1) All screws used for installing the device or part of the device have to be tightly connected and must not be corroded.
2) There must not be any deformations on the housing, fixation and installation spots (ceiling, suspension, trussing).
3) Mechanically moved parts like axles and other must not show any traces of wearing and must not rotate with unbalances.
4) The electronic power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed.

**Disconnect from mains before starting maintenance operation!**

*Caution Danger to life!*

Electrical

We recommend a frequent cleaning of the device. Please use a moist, lint free cloth. Never use alcohol or solvents!
1) The objective lens will require periodic cleaning on usage and environment. Environment with foggers will require more periodic cleaning as fog fluid tends to build up residues, reducing the light output.
2) The cooling-fans should be cleaned monthly. DO NOT blow high pressure air into fans as incorrect rotation can damage the fans operation.
3) The gobos, dichroic color filters and internal lenses may be cleaned with soft brush using soapy water.
4) The interior of the fixture should be cleaned using a vacuum.
5) We recommend proper lubrication of the motor wheel. The quantity of the oil must not be excessive in order to avoid oil run outs when motor wheel rotates

**Note:** There is no serviceable parts inside the device except for the fuse. Maintenance and service operations are to be carried out by authorized dealers.

**Replacing the fuse:** Only replace the fuse with the same type and rating.

**Replacing the power cable:** If the power cable of this device becomes damaged, it has to be replaced by authorized dealers only

**Should you have further questions , please contact your dealer.**

# Parts List

| | | | | |
|---|---|---|---|---|
| P-1120 | Dual Axis Prime Case | | 1120-PL | Primary Lens |
| L-OSR280 | Osram HRI 280W Lamp | | 1120-ARMB | Arm Body Set |
| 1120-DC | DC Converter | | 1120-DISB | Display Body Set |
| 1120-LD | Lamp Driver | | 1120-HEADB | Head Body Set |
| 1120-DIS | Display Card | | 1120-MC | Motor Color |
| 1120-FAN | Fan 80mm | | 1120MRG | Motor Rotating Gobo |
| 1120-SFAN | Fan 60mm | | 1120-MGR | Motor Gobo Rotator |
| 1120-LP | Lamp Power Supply | | 1120-MFG | Motor Fixed Gobo |
| 1120-PS | Motor and Control Power Supply | | 1120-FU | Replacement Fuse |
| 1120-QRM | Quick Release Mount Set | | | |
| 1120-SP | Power Switch | | | |

# Warranty Information

Warranty Conditions

• Unless otherwise stated in writing, your product is covered by a one year parts and labor limited warranty.

• LEDs are not guaranteed to match in color temperature or output.

• It is the owner's responsibility to furnish receipts or invoices for verification of purchase, date, and reseller or distributor. If
purchase date cannot be provided, date of manufacture will be used to determine warranty period.

• GOODS RETURNED UNDER WARRANTY MUST FOLLOW THE PROPER AUTHORIZATION PROCEDURE AND MUST BE
ACCOMPANIED BY A COPY OF THE ORIGINAL INVOICE

• Goods repaired under warranty will be returned to the owner with the freight prepaid by MSI via the most economical
means of shipment

• REPAIR OR REPLACEMENT AS PROVIDED FOR UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE
CONSUMER. MEGA SYSTEMS INC. MAKES NO WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO ANY
PRODUCT, AND MEGA SYSTEMS SPECIFICALLY DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FIT-
NESS
FOR A PARTICULAR PURPOSE. MEGA SYSTEMS SHALL NOT BE LIABLE FOR ANY INDIRECT, INCIDENTAL OR
CONSEQUENTIAL DAMAGE, INCLUDING LOST PROFITS, SUSTAINED OR INCURRED IN CONNECTION WITH
ANY
PRODUCT OR CAUSED BY PRODUCT DEFECTS OR THE PARTIAL OR TOTAL FAILURE OF ANY PRODUCT
REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, TORT (INCLUDING NEGLIGENCE), STRICT
LIABILITY OR OTHERWISE, AND WHETHER OR NOT SUCH DAMAGE WAS FORESEEN OR UNFORESEEN.

• Warranty is void if the product is misused, damaged, modified in any way, or for unauthorized repairs or parts. This
warranty
gives you specific legal rights, and you may also have other rights which vary from state to state.

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