American DJ®

User Instructions

X-Treme™

INTELLIGENT LIGHTING FIXTURE

Thank you for purchasing this American DJ® product. Some assembly required. Please read the following instructions before installing or using your new unit.

X-Treme™ Features

- 9 Dichroic Colors plus White
- 8 Gobos plus Spot on separate wheel
- 360 degree rotation of Gobo and Color Wheels
- DMX-512 Protocol
- Controlled by the X-Treme/19C™ or X-Treme/C™ Basic Controller

X-Treme™ Description

The X-Treme™ intelligent lighting fixture features 9 rich dichroic colors plus white, 9 gobos plus spot, separate gobo/color wheels, strobes in every color, and a 300 hour long life 250W lamp. 360 degree rotation of gobo & color wheels with speed control provide a X-treme™ lighting show for club, concert, and mobile use. DMX-512 protocol. Fan cooled. Also available in 220V operation. Controlled by the X-Treme/19C™ or X-Treme/C™. The X-Treme/19C™: Programmable controller with 64 channel DMX-512 output; Ergonomic joystick control of pan/tilt motion; 56 professionally designed pan/tilt motions; 6 Show memories of 300 steps; Show memories can be chased for long concerts; Instant manual override and control of all projectors and functions; Built-in gobo & color chases; and Quick, intuitive modular programming. Control up to 16 heads. 120V or 220V operation. 3 space, 19 in. rack mount. The X-Treme/C™: A basic controller that operates blackout; built-in programs; gobo/color change; speed control of gobo/color wheels; and strobing. Control up to 8 heads. 120V or 220V operation.

X-Treme™ Specifications

Voltage: 120V 50/60 Hz
Dimensions: 22.75" x 9" x 6.5" / 740mm x 293mm x 212mm
Lamp: ZB-EVC 250W 24V, 300 hour lamp life
Weight: 27 lbs. / 12.3 kg.
Fuse: 5A

Precautions:

1. Never operate unit when case is open.
2. Never cover unit as this may block air vents and cause overheating and possible fire hazard.
3. Never operate unit in the rain or in damp moist conditions as this could cause electric shock.
4. Follow standard electrical safety precautions when installing, operating or servicing the unit to prevent electrical shock, fire, or equipment damage.
5. These units are for commercial use and contain no user-serviceable parts inside. Servicing must be conducted by qualified service personnel.

Getting Started

Section 1

Inspection

Every X-Treme™ projector was thoroughly tested and shipped in perfect condition. Carefully unpack the projector and remove the bag with components from the carton. Inspect equipment for shipping damage.

Packing list:
1. X-Treme™ Projector
2. IEC power cord
3. Operating manual
4. MC-10 XLR female to male 10' cable

Lamp Installation

Caution! Extremely hot! Always allow unit to cool before re-lamping
1. Loosen thumbscrews on back of unit. Slide out the lamp holder assembly.
2. Remove lamp from original packaging. Read the enclosed instructions. Lamp is included with X-Treme™ Projector Do not touch glass with bare hands as this could damage the lamp.
3. Fit lamp Into holder
4. Slide lamp holder assemble back Into unit.
5. Tighten retaining screws

Projector Installation
1. Unit can be hung In any position.
2. Make sure to use a minimum 35Kg rated clamp.
3. Allow enough space on all sides for proper cooling.
4. Connect IEC power cord to back of unit.
5. Plug cord into property grounded socket.

    *Check that the voltage marked on the back of unit is correct for your area.
6. Lamp will light and unit will reset and wait for signal from controller.

    *The shutter is closed in stand-by mode, so it will be difficult to tell if the lamp is lit without a controller.

    * Unit may make smoke for a few minute until dust and excess paint is burned off by the lamp.

Lens Focusing
1. Hang fixture in its final position
2. Set Function DIP switch #6 to on.
3. Projector shutter will open and Pan and Tilt will be set to center and Gobo will be set to "small spot"
4. Use a screwdriver to loosen the silver retaining screw .
5. Adjust lens until sharp focus is obtained.
   Warning. Tighten screw securely. If screw Is not tight, the lens tube could slide out of the fixture, causing equipment damage and or personal injury.
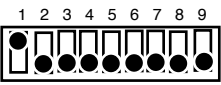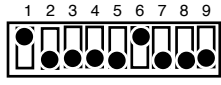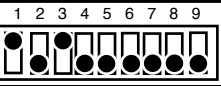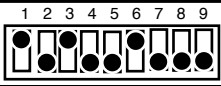
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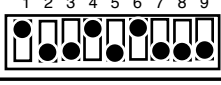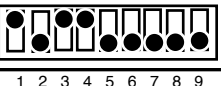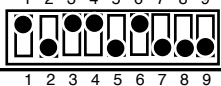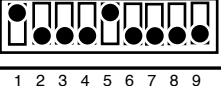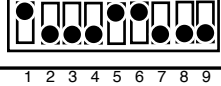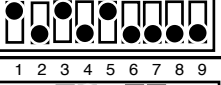
DMX512 Operation
I. Connect the X-Treme™ fixture to the X-Treme/C™, X-Treme/19C™ or any suitable DMX-512 controller with a 3 pin XLR data cable.
2. Continue to connect together all the fixtures using 3 pin XLR data cables.
3. Set the DMX address for each fixture using the 9 pin DIP switch on the back panel fixture. Each fixture uses 4 DMX-512 channels;

CH1: Color, CH2: Gobo 1; CH3: Pan; CH4: Tilt

DMX-512 Addressing

You must select the proper DMX-512 address for each X-Treme™ projector.
Below Is a chart of standard addressing for use with the X-Treme/C™ ,X-Treme/19C™ controllers.

Projector	DIP switch setting	Projector	DIP switch setting
1	1 2 3 4 5 6 7 8 9 — on	9	1 2 3 4 5 6 7 8 9 — on
2	1 2 3 4 5 6 7 8 9 — on	10	1 2 3 4 5 6 7 8 9 — on
3	1 2 3 4 5 6 7 8 9 — on	11	1 2 3 4 5 6 7 8 9 — on
4	1 2 3 4 5 6 7 8 9 — on	12	1 2 3 4 5 6 7 8 9 — on
5	1 2 3 4 5 6 7 8 9 — on	13	1 2 3 4 5 6 7 8 9 — on
6	1 2 3 4 5 6 7 8 9 — on	14	1 2 3 4 5 6 7 8 9 — on
7	1 2 3 4 5 6 7 8 9 — on	15	1 2 3 4 5 6 7 8 9 — on
8	1 2 3 4 5 6 7 8 9 — on	16	1 2 3 4 5 6 7 8 9 — on

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These functions are designed to give you added convenience and power, making installation and programming faster and easier.

Switch	Off	On
No. 1	Gobo positions	Unlimited Gobo positions
No. 2	No Function	No Function
No. 3	Normal	Inverted Pan
No. 4	Normal	Inverted Tilt
No. 5	Normal	Self test
No- 6	Normal	Focus
No. 7	Normal	Auto Program
No. 8	Normal	DMX-512 Termination

Function #1: **"Off"**: Gobo wheel only stops at full and split color positions. This makes programming and control much easier.

"On": Gobo wheat can be placed In any position for extreme control and special effects.

Function #2: **No Function**

Function #3: **"On"** Inverts the Pan motion. Useful when projectors are mounted "head to head", to allow the Mirrors to move in unison.

Function #4: **"On"** Inverts the Tilt motion. Useful when projector are mounted "head to head", to allow the mirrors to move In unison.

Function #5: **"On"** X-Treme™ automatically runs through all the features one at a time. So you can see every gobo and color and pan/tilt motion. Used when testing operation of unit.

Function #6: **"On"** Makes focusing the X-Treme™ easy. Opens the shutter and places the "small spot" Gobo In the center for easy focusing without need of a controller.

Function #7: **"On"** Built-in demonstration program

Function #8: **"On"** DMX512 line termination, Used when this is the last projector of the DMX-5I2 chain.