

TECHNICAL REFERENCE:

- Extremely small, fast and powerful LED Moving beam.
- DMX Channels: 9/14CH
- Pan/Tilt: 630 /240, speed adjustable
- Smooth electronic dimming:0-100%
- Electronic strobe with pulse and random effects
- High efficiency, low power consumption
- Super compact, low weight
- Voltage: 100V-240V,50/60Hz
- Fuse: T6.3A
- Power consumption: 100W
- Light source: 10W LED x 7 (RGBW 4IN1)
- Package: 4PCS/Carton
- Inner Package: 270*220*250 MM
- Out Package: 460*290*520 MM
- N.W.: 12 kg/carton
- G.W.: 14.5kg/carton



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PDJLT50



LED MOVING HEAD User Manual

Please Read Over This Manual before Operating the Light Fixture

1. SAFETY INSTRUCTION

WARNING



Please read carefully the instruction, which includes important information about the installation, usage and maintenance

- Please keep this User Manual for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet
- Unpack and check carefully if there is no transportation damage before using the unit.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- The unit is for indoor use only. Use only in a dry location
- The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked
- Disconnect main power before replacement or servicing.
- Make sure there is no flammable materials close to the unit while operating as it is fire hazard.
- Use safety cable when fixing this unit. Don't handle the unit by holding its head only, always hold it by its base or body.
- Maximum ambient temperature is at:104°F. Don't operate where the temperature is higher than 104°F.
- Unit surface temperature may reach up to 185°F. Don't touch the housing bare-hand during its operation. Turn off the power and allow 15 minutes for the unit to cool down before replacing or serving.
- In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type of spare parts.

WARNING

- To prevent or reduce the risk of electrical shock or fire, do not expose the unit in the rain or moisture.
- Do not open the unit within five minutes after switching off.
- The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

3. CAUTION

There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs by yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

4. INSTALLATION

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. Make sure that the structure to which you are attaching the unit is secured and able to support a weight of 10 times of the unit's weight. Always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture. The equipment must be fixed by professionals. The PDJLT50 must be fixed at a place where it is out of touch of people and no one can pass by or under it.

• DISPLAY

To show the various menus and the selected functions

• LED

DMX	On	DMX input Present
MASTER	On	Master Mode
SLAVE	On	Slave Mode
SOUND	Flashing	Sound activation

• Button

MENU	To select the programming functions
DOWN	To go backward in the selected functions
UP	To go forward in the selected functions
ENTER	To confirm the selected functions

• MAINS INPUT

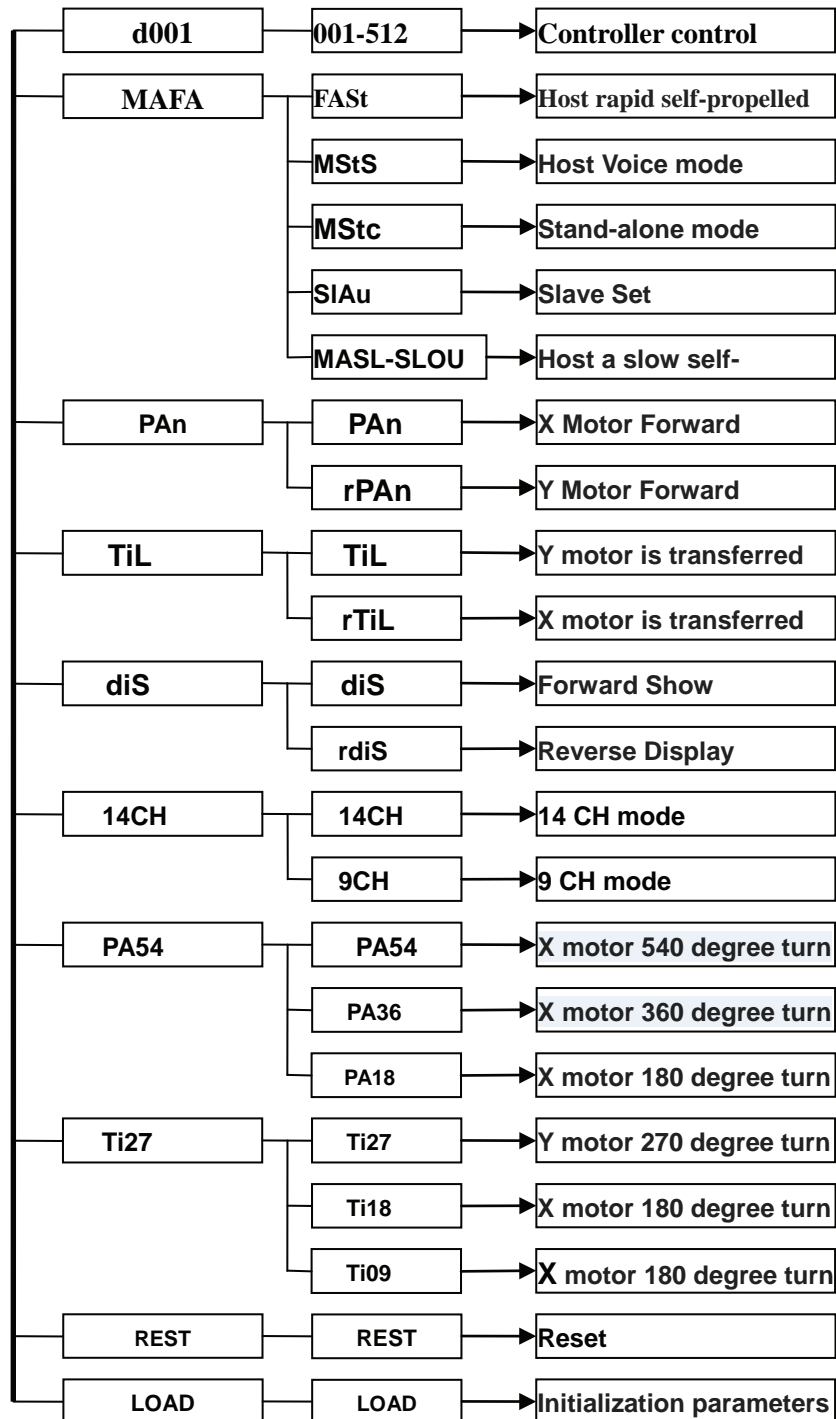
Connect to power supply.

• MAINS OUTPUT

Connect to supply power to the next unit

• DMX INPUT / OUTPUT

For DMX512 link, use 3/5-pin XLR cable to link the unit together.



8. CHANNEL MODEL FUNCTION

9 CHANNEL MODE

Channel		Function
1	0-255	Level
2	0-255	Vertical
3	0-7 8-134 135-239 240-255	Dimming and stroboscopic No effect Dimming Strobe from low to fast medallion
4	0-255	Red dimming
5	0-255	Green dimming
6	0-255	Blue dimming
7	0-255	White dimming
8	0-255	Motor speed
9	150-200	Reset

14 CHANNEL MODE

Channel		Function
1	0-255	level
2	0-255	Level dimming
3	0-255	vertical
4	0-255	Vertical dimming
5	0-255	speed
6	0-7 8-134 135-239 240-255	No effect dimming Strobe from low to fast medallion
7	0-255	Red dimming RED
8	0-255	Green dimming GREEN
9	0-255	Blue dimming BLUE
10	0-255	White dimming WHITE
11	0-7 8-231 232-255	Color selection Color combination 1 Color jump
12	0-255	Color speed
13	0-142 143-255	Auto Sound 1
14	150-200	Reset