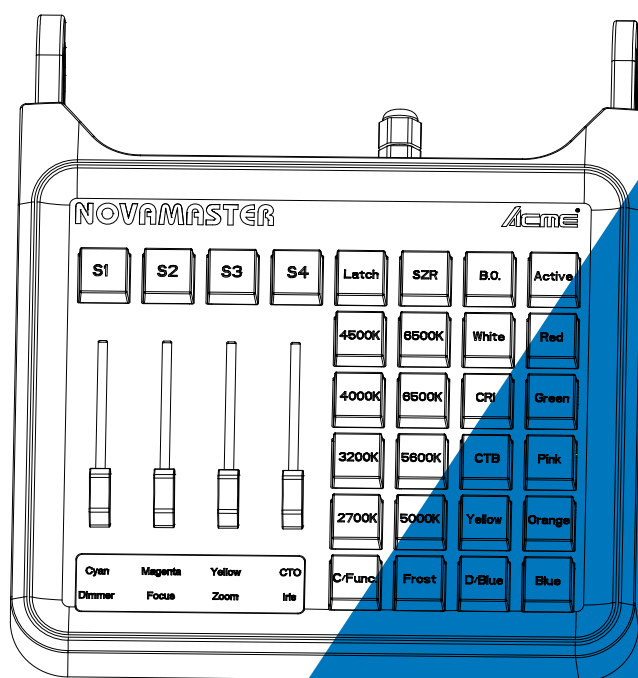




NOVAMASTER



User Manual

Please read the instruction carefully before use

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01/ Safety Information



Warning

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

Please keep this User Manual for future consultation. If you sell the fixture to another user, be sure that they also receive this instruction manual.

Important:

Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

- This device is intended only for professional lighting control applications. Do not use in flammable or explosive environments.
- Disconnect power before connecting or disconnecting DMX cables to avoid damage from hot-plugging.
- Keep liquid and dust away from the device interior. Clean only with a dry soft cloth.
- A 120Ω terminator must be installed at the end of the DMX link for stable signal transmission.
- Before programming bright lighting effects, ensure fixtures are not directed toward human eyes to prevent eye injury.

02/ Product Overview

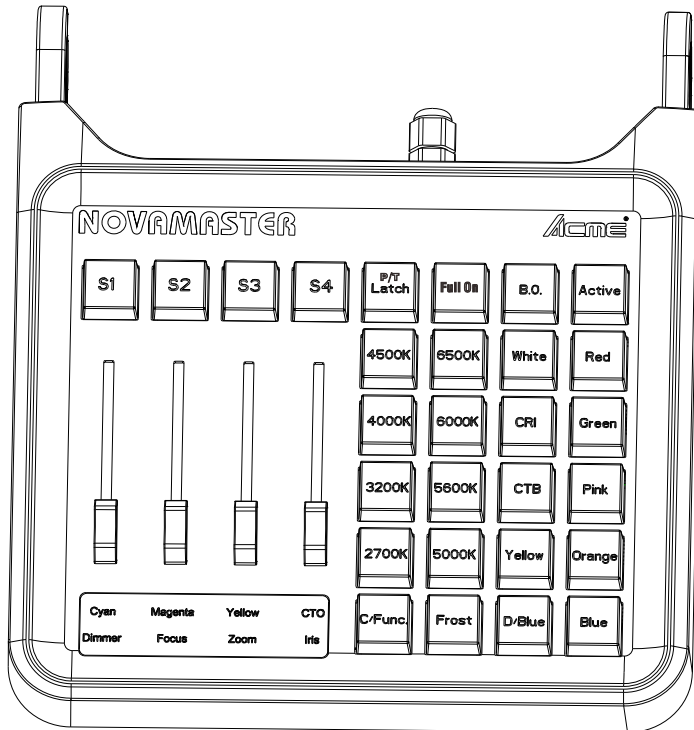
Lighting Control Panel is a professional lighting control terminal developed based on the DMX512 standard protocol. It is designed for professional lighting applications including film studios, professional studios, small stages and conference venues.

The device integrates core functions such as scene preset recall, precise color temperature calibration, CMY/ RGB. full- color gamut mixing, brightness level adjustment and one-tech effect triggering. With an ergonomic button and fader layout, it enables fast parameter adjustment and real time control of lighting.

It features fast response, stable operation and high compatibility, and can seamlessly work with mainstream professional film lights, stage lights and LED lighting equipment on the market, meeting the lighting control requirements of various professional scenarios.

03/ Control Panel Top Cover Operation Area

3.1 Layout & Zoning



1. Color Mixing Mode:

To access: Press the **Color Mixing** button. Use the **Red/Green/Blue** buttons and faders for fine adjustment.

Operation: Adjust the **Cyan/Magenta/Yellow** faders to set channel levels for color mixing.

2. Programming Mode (P/T Latch)

To access: Press and hold **P/T Latch** for 3 seconds until the indicator flashes.

Press **SCENE**, then select the desired color or strobe effect.

To save and exit: Press and hold **P/T Latch** for 3 seconds.

To overwrite: Select a new color or strobe effect and save again; the new setting will replace the previous one.

3. Active Mode

To access: Press the **Active** button, or directly recall a scene using **Scene 1-4**.

Operation: Controls lighting output in real time. Supports fine fader adjustment and quick effect switching via buttons.

4. **Blackout Mode**

To access: Press the **Blackout** button.

Operation: All lighting outputs are disabled. Press again to restore the previous output state.

5. **Full On Mode**

To access: Press the **Full On** button.

Operation: All channels are set to maximum intensity. Press again to restore previous intensity levels.

6. **CTO Color Temperature Control**

To access: Press a color temperature preset (e.g. **5600K**); the fixture will switch to the corresponding value automatically.

Operation: Adjust the **CTO/CTB** faders to fine-tune color temperature, and use presets for precise control.

7. **Dimmer Control**

To access: Move the **Dimmer** fader to adjust overall intensity in real time.

Operation: Press **Full On** for maximum brightness; press **Blackout** to disable all outputs.

04/ Connection Instructions

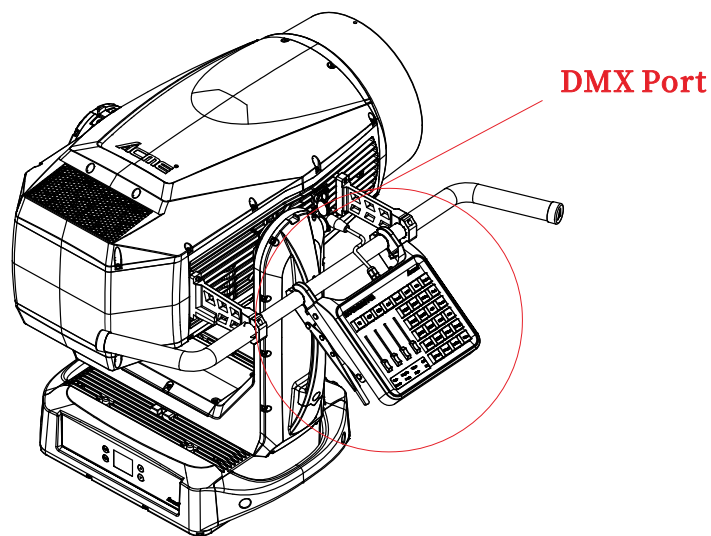
DMX512 Connection (Main Connection Method)

Cable Requirements: Use standard 3-pin or 5-pin XLR DMX cables to ensure impedance matching.

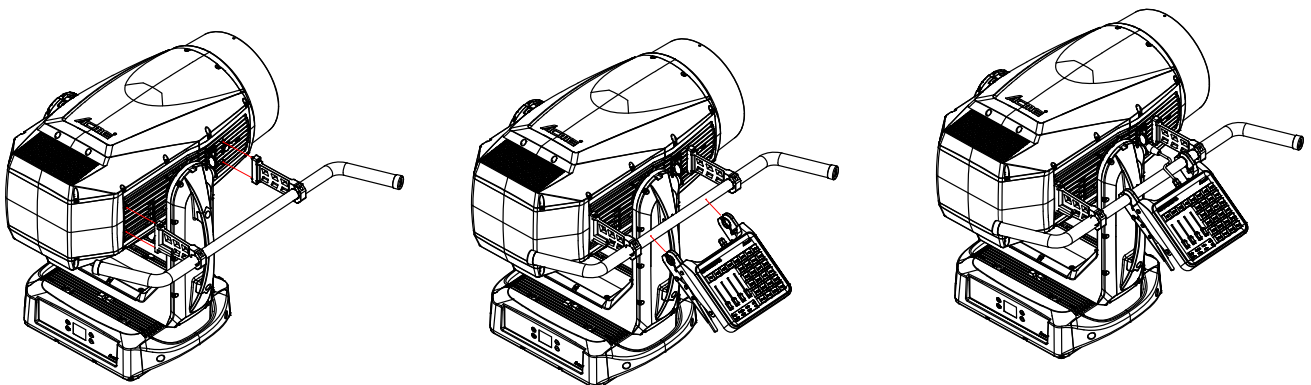
Connection Steps:

Step 1: Connect the DMX output port (XLR connector) of the console to the DMX input port of the first fixture.

Note: Do NOT connect or disconnect DMX cables while the equipment is powered on, as this may damage the ports.



Installation Steps:



05/ Troubleshooting

Problem	Potential cause(s)	Remedies
DMX Signal Loss	120Ω termination not connected or loose cable	Check DMX cable connections and ensure the 120Ω terminator is installed at the end of the link.
Button No Response	Device in programming mode/Button failure	Exit programming mode; if problem persists, contact after-sales service.
Fader Stuck	Internal dust buildup/insufficient lubrication	Clean the fader track with a dry soft cloth;
Color Temperature Abnormal	Incorrect fixture DMX address	Check fixture DMX address and ensure it matches the console channel.

06/ Technical Specifications

Control and Programming	Protocols	DMX512
Scene storage	Support 4 present scenes, expandable to more scenes(Via software)	
Connectors	DMX512 output(XLR), power connector	
AC Power	100–240 Vac, 50/60Hz	
Operating Temperature	0–40°C	

07/ Fixture Cleaning

Regular cleaning is very important for control panel life and performance. Buildup of dust, dirt, smoke particles, fog fluid residues, etc. degrades the fixture's light output and cooling ability.

- ▶ Regularly wipe the surface of the device with dry soft cloth to prevent dust from entering the interior.
- ▶ Store in a dry, dust- free environment with suitable temperature, and avoid direct sunlight.
- ▶ Regularly back up scene data to a computer to prevent data loss.
- ▶ Avoid frequent plugging and unplugging of connectors to extend the service life of the device.



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