



ORC-TIMPANI-M2

TIMPANI²

1x1 RGBAW LED LIGHT

QUICKSTART GUIDE



Precautions

- Keep this product away from water and flammable gases or liquids.
- Use only the correct, recommended voltage.
- Do not attempt to disassemble or repair this product.
- Clean this product with only a soft, dry cloth.
- To avoid damage to this product, be careful not to overtighten or improperly thread any of the threaded fittings.
- All images are for illustrative purposes only.

Firmware Upgrade

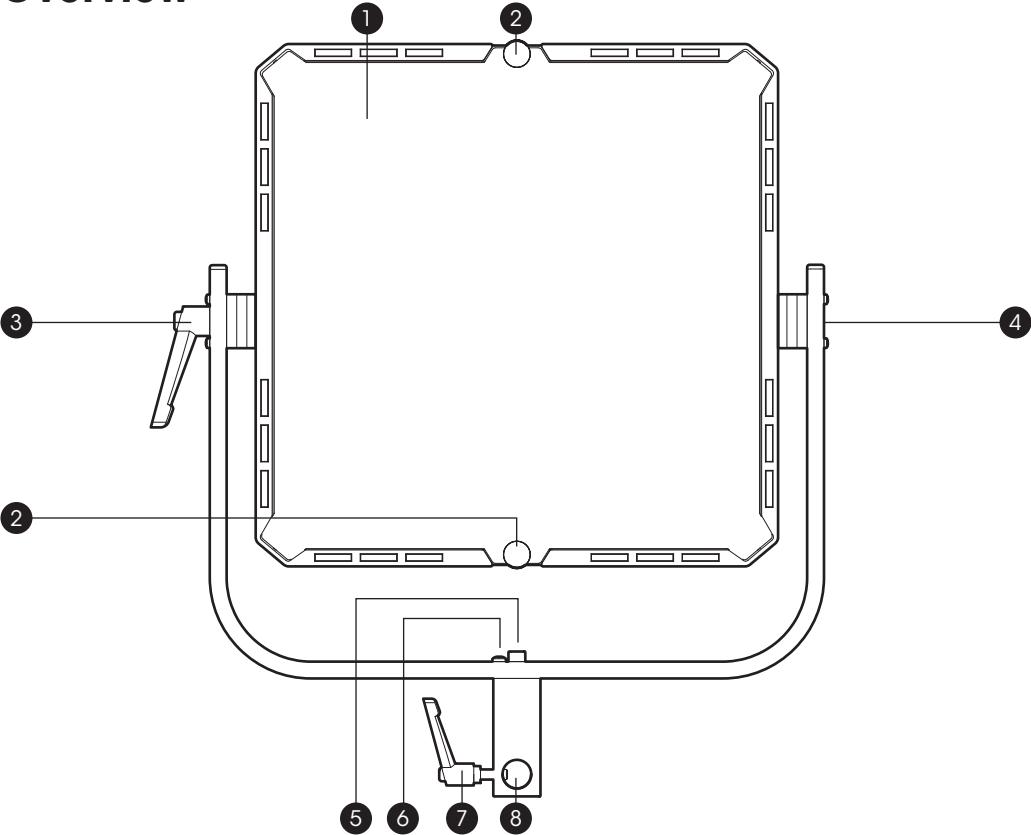
Firmware updates are available through the Composer app. Refer to the Timpani²'s full user manual available at www.luxlilight.com for information and instructions.

Troubleshooting

- If you encounter any problems, first try turning the device off and then on.
- If the problem persists, remove the batteries or power supply for 15 seconds, and then restart.
- Go to luxlilight.com to make sure you have the most recent firmware update. If a new firmware version is available, follow the instructions on how to download it to your light.
- Contact Luxli support at 212-594-2353 or at www.luxlilight.com.



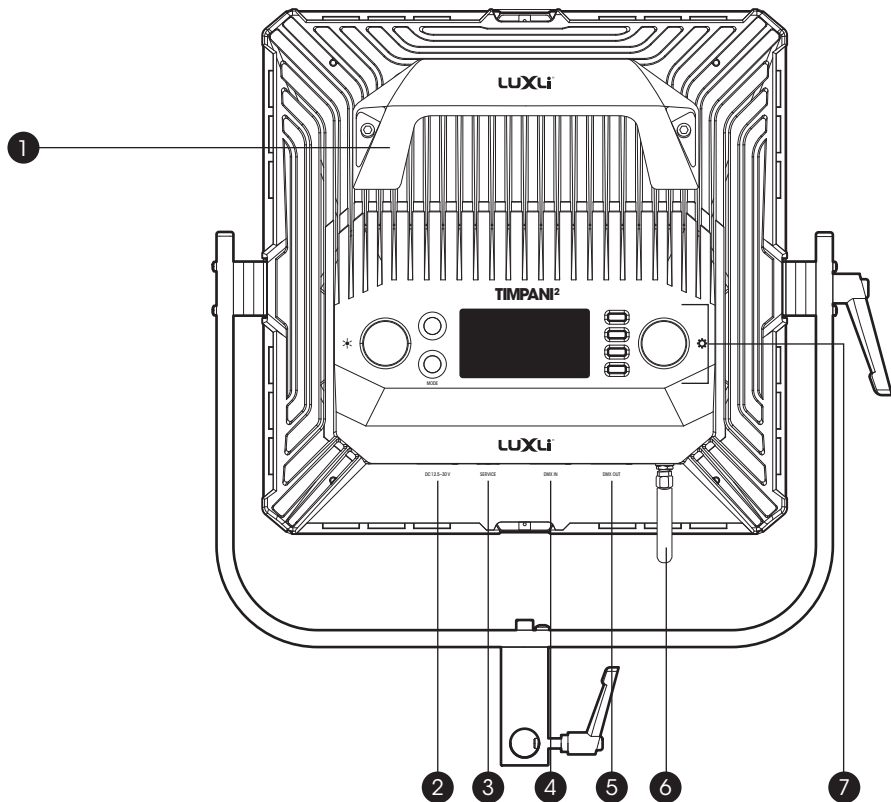
Overview



Front:

- | | |
|-------------------------|--------------------------|
| 1. Diffuser | 5. Center mounting screw |
| 2. Diffuser thumbscrews | 6. Outer mounting screw |
| 3. Tilt lock handle | 7. Locking handle |
| 4. Tilt control screw | 8. 5/8 in. receiver |



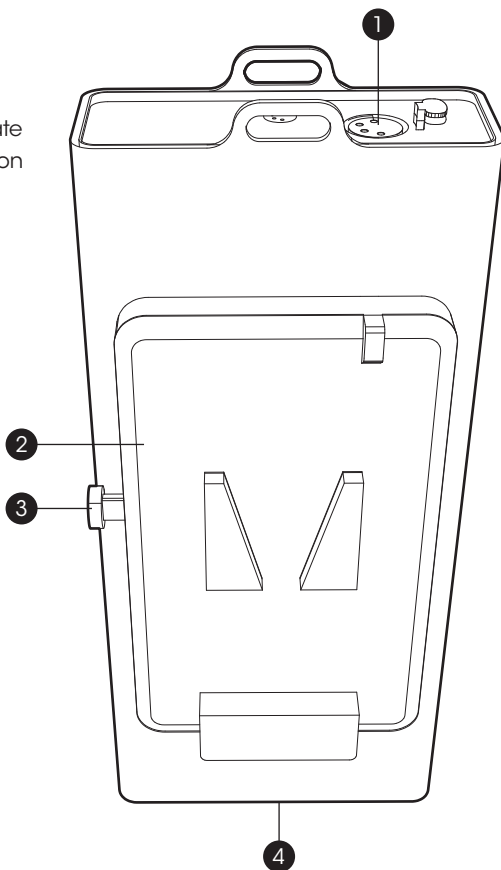


Back:

1. Removable handle
2. 4-pin power input
3. Manufacturer's service port
4. 5-pin DMX input
5. 5-pin DMX output
6. Bluetooth antenna
7. User interface (see *Interface Overview* p. 8)

Power supply:

1. 4-pin power output
2. V-mount battery plate
3. Battery release button
4. AC power input

**Also included:**

- 4-pin XLR cable
- AC cable (3-Prong US - C5 Connector)
- Photometric calibration results data sheet

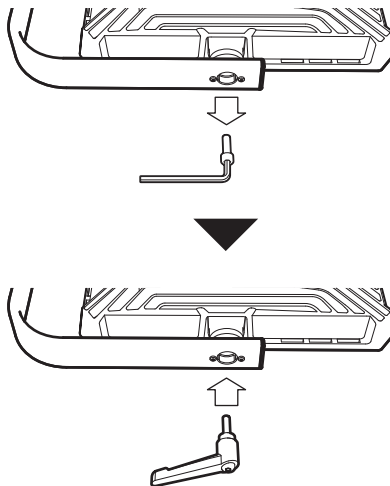


Setting Up the Timpani²

Attaching the Tilt Lock Handle

The tilt lock handle can be attached to either side of the Timpani². To attach the handle, follow these steps:

1. Place the Timpani² and yoke facedown on a flat surface.
2. Use the included hex key to remove one of the tilt control screws, and replace it with the tilt lock handle. Screw in the handle so the threads are engaged, but don't tighten it.
3. Use the hex key to tighten the control screw on the other side of the yoke. Tighten it enough until there is some resistance while tilting the Timpani² in the yoke.
4. Tighten the handle until the yoke is locked and secure.



Note: If the yoke seems too loose when the tilt lock handle is disengaged, use the hex key to slightly tighten the control screw opposite the handle.

Powering the Timpani²

Battery Power

1. Connect the 4-pin XLR cable to the power supply and the Timpani².
2. Slide a V-mount battery into the power supply's battery plate until it locks into place.

To remove the battery, press the battery release, and slide it off the plate.

AC Power

1. Connect the 4-pin XLR cable to the power supply and the Timpani².
2. Connect the AC cable to the power supply and a power outlet.

Important! *If the power supply is connected to both a 26 V battery and an AC power source, the power supply will draw from the 26 V battery instead of the AC power.*

To preserve battery life, connect a 26 V battery to the power supply only when you intend to use it.



Interface Overview



1. ✱ Intensity Dial

In all operation modes, the Intensity dial adjusts to the intensity from 100% to 0% in 1% increments.

In all operation modes, press the Intensity dial to toggle between the set intensity and 0%.

2. Power Button

Press to power on or off.

3. Mode Selector

Cycles through the five operating modes: CCT, HSL, Filter, HFR, and Effects.

4. Function Buttons

The function buttons implement the action or access the menu indicated on the LCD screen next to the button.

5. ⚙ Adjustment Dial

In all operation modes, the Adjustment dial changes the value of the highlighted function.



User Interface

1. Intensity

2. Bluetooth Indicator

3. Functions

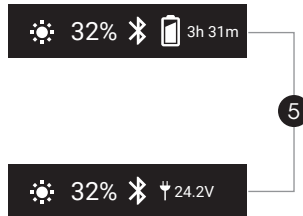
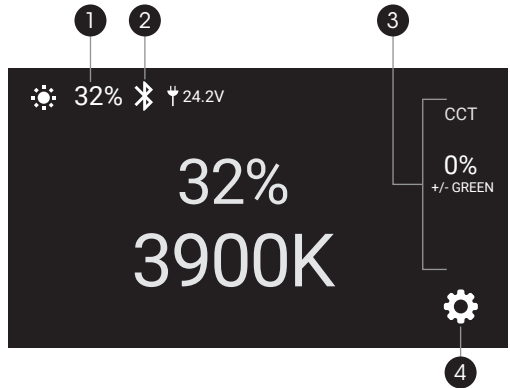
Displays the active actions for each operating mode or screen. The button next to the function implements the function.

4. Menu Button

Switches to the main menu (see *Main Menu* p. 13).

5. Power Display

- Batteries with SMBUS data communication:
The Timpani² displays an estimated time remaining at the top of the screen.
- Batteries without SMBUS data communication or AC power:
The Timpani² displays the actual voltage of the power source. This allows you to gauge the remaining battery power.



CCT Mode

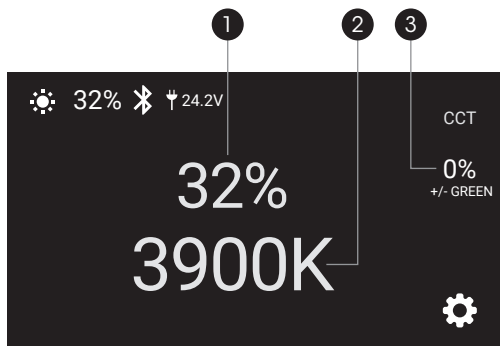
1. Intensity

2. CCT

- Select any color temperature from 2800 to 10,000 K in 50 K increments.
- Press the Adjustment dial to toggle between 3200 and 5600 K.

3. Tint (+/- Green) Screen

- Sets the green/magenta saturation level in 1% increments from +100% to -100%.



HSL Mode

1. Crosshair

- Shows current position on the color graph

2. Hue

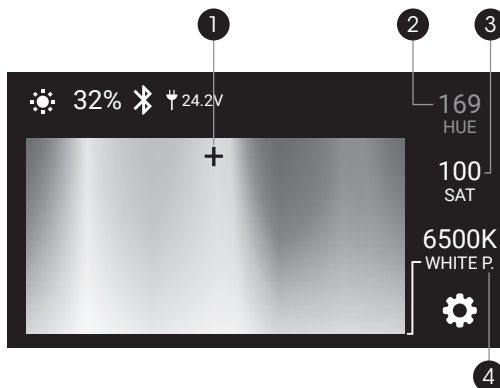
- Adjusts in 1 degree increments.

3. Saturation

- Adjusts in 2% increments.

4. White Point

- Adjusts Base White Point from 3000 to 10,000 K in 50 K increments.



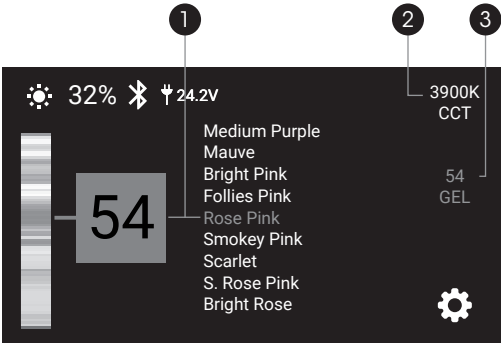
Filter Mode

1. Filter Name, Number and Color Preview

2. Base CCT Level

- Adjust the base color temperature from 2800 to 10,000 K in 50 K increments.

3. Gel Number

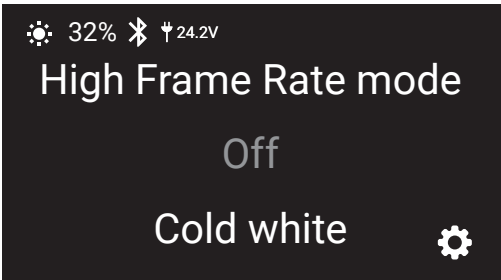


High Frame Rate Mode

Activating High Frame Rate (HFR) mode sets one of the five diodes to remain constantly on. Use HFR mode to prevent banding when you're shooting at a high frame rate.

Use the Adjustment dial to scroll through the five options: Cold White, Warm White, Red, Green, and Blue.

The Intensity dial turns HFR mode on and off.



Effects Mode

The Timpani² is loaded with 10 animated effects. Each effect has multiple settings that can be adjusted in the Edit menu.

Effect Screen

1. List of Effects

- Use the Adjustment wheel to scroll through the list.

2. ▶ Play button

- The Play button ▶ starts the effect. The Stop button ■ stops the effect.

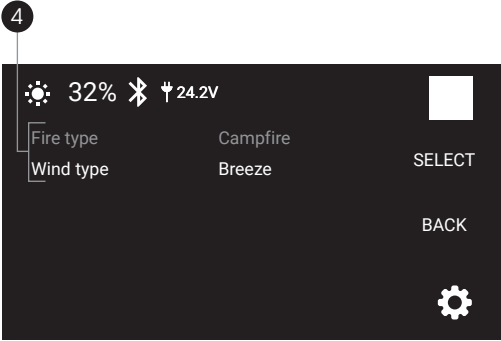
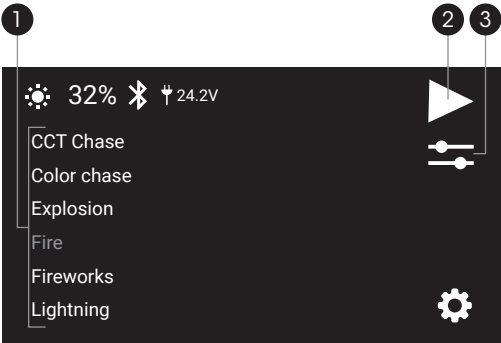
3. Edit button

- Opens the Edit menu (see below).

Edit Menu

The Timpani² displays the changes in real time as you modify them, so you can experiment with the settings while running the effect.

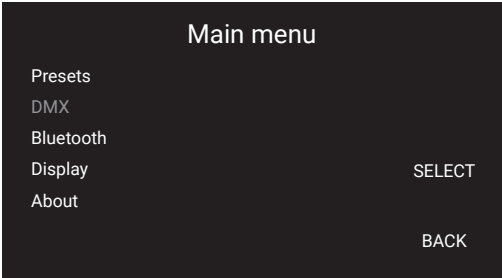
4. Scroll to the setting you want to edit, and press Select.
5. A new screen will open where you can modify that setting.
6. Press the Confirm button to apply the new setting. The settings screen will close, and the Edit menu will reappear.



Main Menu

Press the Menu button  in all operating modes to access the Main menu.

Use the Adjustment dial to choose Presets, DMX, Bluetooth, Display, or About, and press Select to access the menu.



FCC Compliance Statement

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference
- 2. This device must accept any interference received, including interference that may cause undesired operation.

Important: Changes or modifications to this product not authorized by Gradus Group could void the electromagnetic compatibility (ECM) and wireless compliance and negate your authority to operate the product. This product has demonstrated EMC compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.



Specifications

Light Fixture

Beam Angle (with Diffuser)	78°
Color Temperature	2800 to 10,000 K
Color Accuracy Standard	CRI: 3200 K: 97, 4300 K: 98, 5600 K: 97 TLCI: 3200 K: 96, 4300 K: 97, 5600 K: 98
Cooling System	Passive
Dimming	Yes, 0% to 100% (continuous)
Light Panel	RGBAW LED
Light Intensity @3 ft.	4400 lx (with diffuser) 6600 lx (without diffuser)
Expected Lamp Life	50,000 hr.
Rectangular Panel Size (H × W)	12.2 × 12.2 in. (31 × 31 cm)
Fixture Dimensions (H × W × D)	17.6 × 15.75 × 3.5 in. (44.7 × 40 × 8.9 cm)
Fixture Weight	9.14 lb. (4.14 kg)

Connectors

Power Input Connector	4-pin XLR
DMX Connector	5-Pin XLR ×2 (in/out)
Other	Service connector



Remote Operation

Remote Control Type	Bluetooth 5, DMX
DMX Protocol	512
Wireless Range	100 ft. (30.5 m)

Power

AC Input Power	100 to 240 V AC, 50/60 Hz
DC Input Power	12.5 to 30 V
Power Source	AC adapter, 4-pin XLR, external battery
Battery Plate	V-mount
Compatible Battery Voltage	14.4 V and 26 V
Max Power Consumption	120 W

One-Year Limited Warranty

For more information, visit www.luxlilight.com or call Customer Service at 212-594-2353.
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ORCHESTRA

MULTICOLOR LED **SERIES**

luxlilight.com



GG1

