GODOX F400Bi

Godox Knowled F400Bi Bi-Color Flexible LED Video Light Mat User Manual

Model: F400Bi

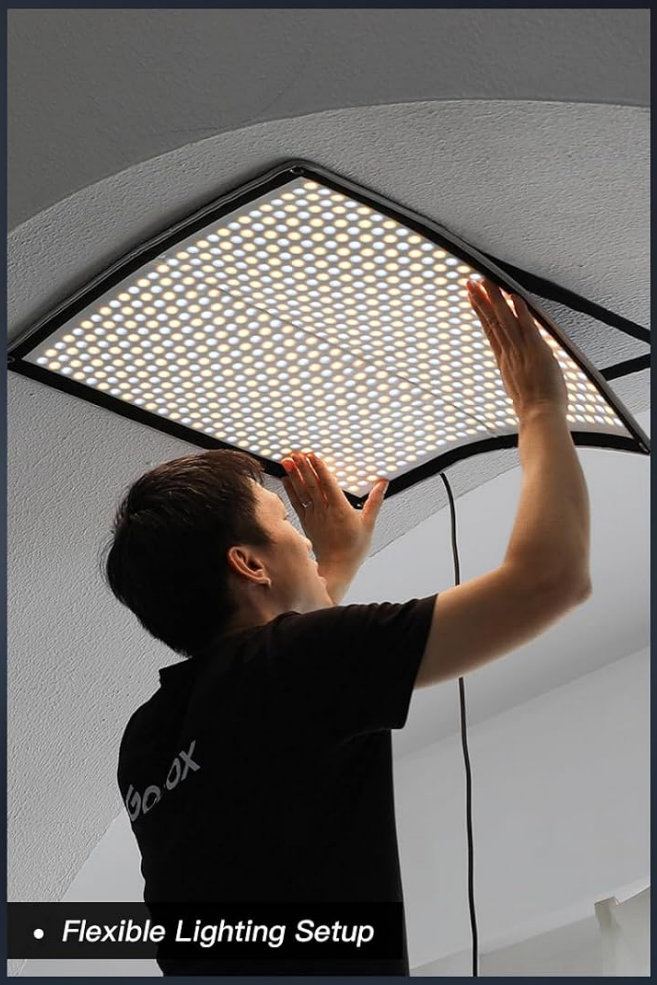
1. Introduction

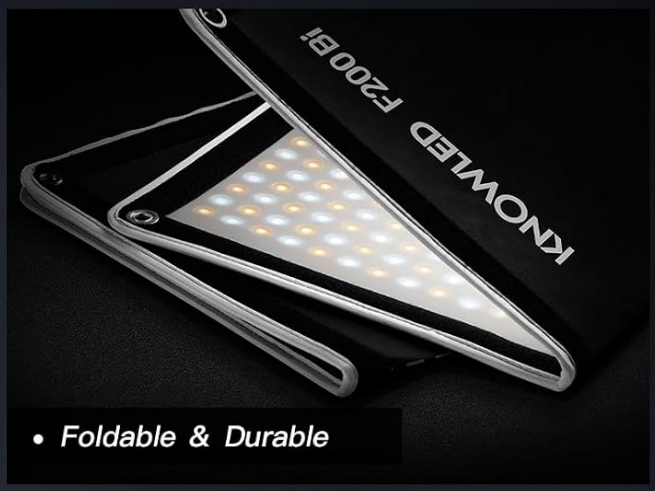
The Godox Knowled F400Bi is a bi-color flexible LED video light mat designed for professional film, broadcast, and video production. This light mat offers a wide color temperature range from 2700K to 8500K and a powerful output of 14700 Lux at 3.3' (5600K). Its flexible and waterproof design (IP65 rating for the mat, control box is not waterproof) makes it suitable for various indoor and outdoor shooting environments, including wet or rainy weather. The F400Bi features 11 built-in special effects (FX) and supports app control for convenient operation.

This manual provides detailed instructions for the proper setup, operation, and maintenance of your Godox Knowled F400Bi LED Video Light Mat. Please read it thoroughly before use to ensure optimal performance and safety.

Built Tough to Withstand On-Set Rough

The KNOWLED Flexible LED Mat is robustly built to withstand even the most challenging conditions. Its high-quality aluminum alloy X-frame ensures superior durability and sturdiness. With an ideal balance of weight, brightness, durability, and performance, this light is the perfect choice for any filming application.





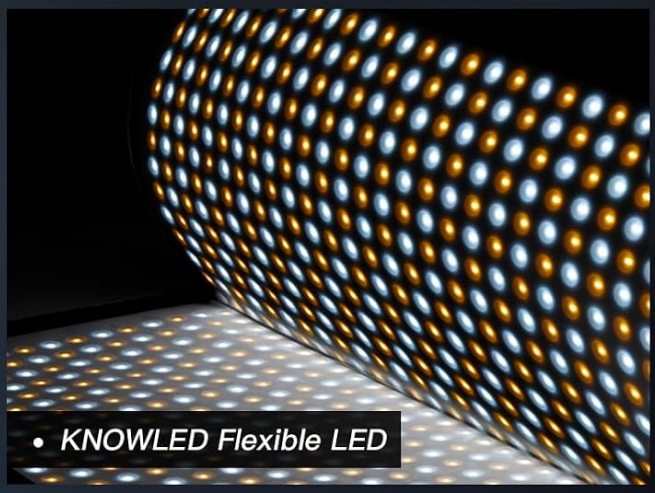
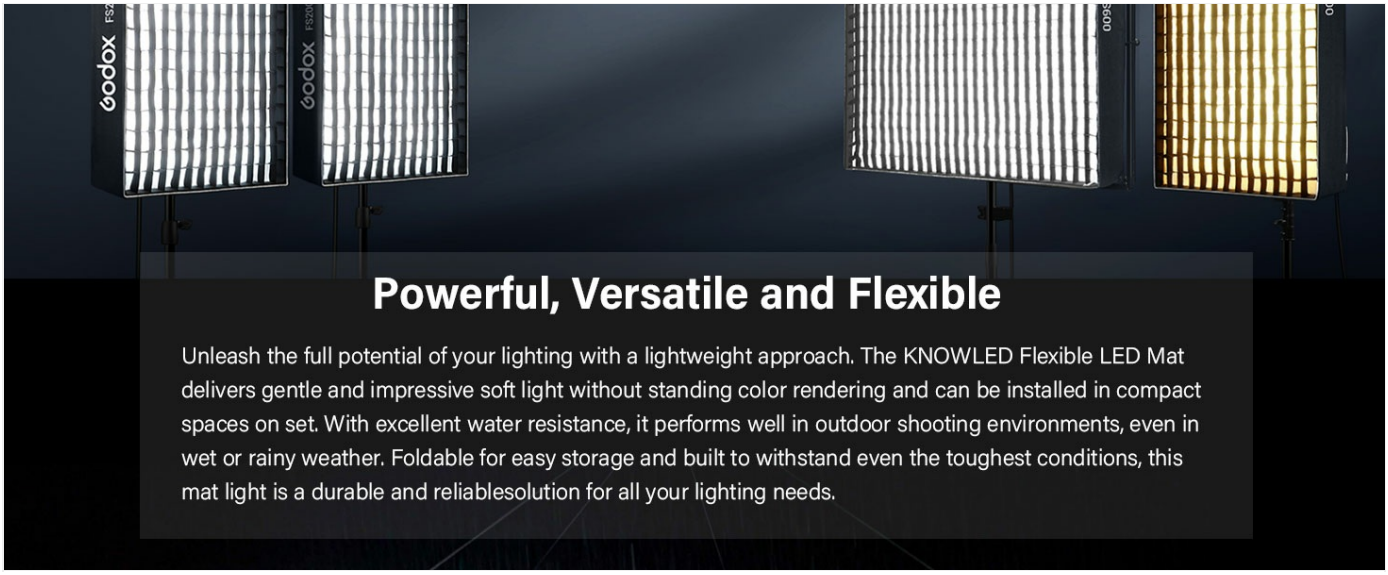


Image: The Godox Knowled F400Bi Bi-Color Flexible LED Video Light Mat, showcasing its design.



Powerful, Versatile and Flexible

Unleash the full potential of your lighting with a lightweight approach. The KNOWLED Flexible LED Mat delivers gentle and impressive soft light without standing color rendering and can be installed in compact spaces on set. With excellent water resistance, it performs well in outdoor shooting environments, even in wet or rainy weather. Foldable for easy storage and built to withstand even the toughest conditions, this mat light is a durable and reliablesolution for all your lighting needs.

Image: The Godox Knowled F400Bi light mat being sprayed with water, highlighting its IP65 water-resistance feature.

Product Showcase Video

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Video: A showcase of the Godox KNOWLED Flexible LED Mat (F200Bi/F400Bi/F600Bi), demonstrating its flexibility, durability, and various applications in different shooting environments.

2. What's in the Box

Upon unpacking, please verify that all the following items are included in your package:

- Godox KNOWLED F400Bi Bi-Color LED Light Panel (2.1 x 4')
- Control Box
- 3m Connection Cable
- 5m Power Cable
- X-Bracket
- Adapter Holder
- Softbox with Grid FS200
- Carry Bag CB87

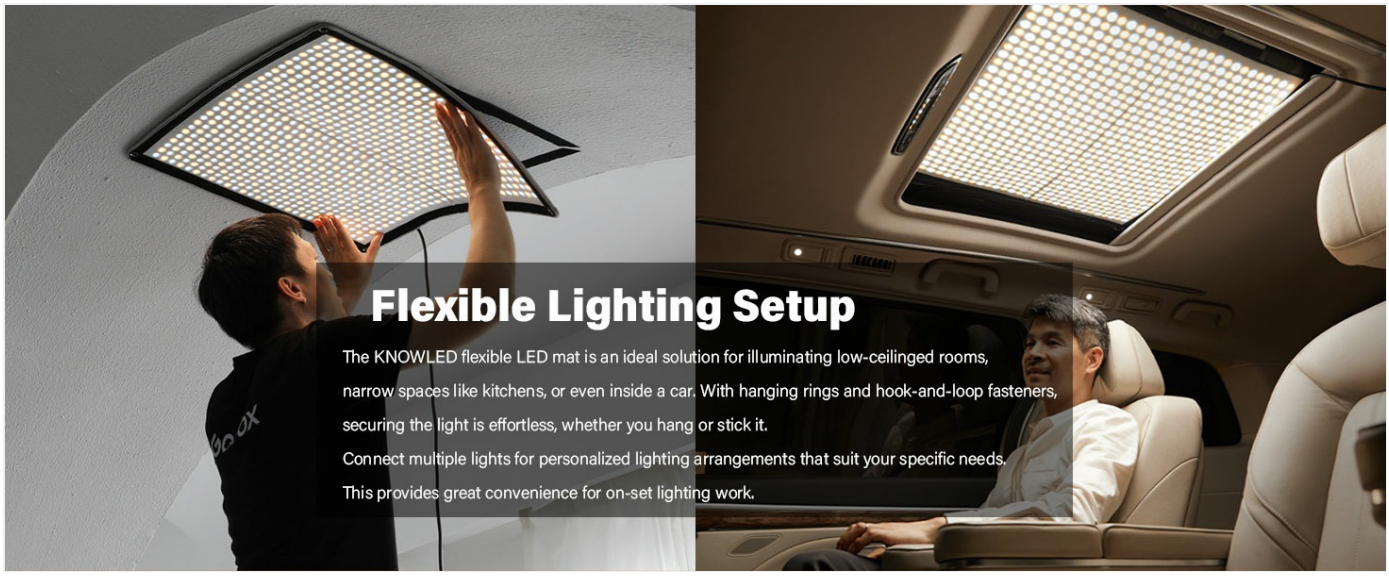


Image: All components included in the Godox Knowled F400Bi package, laid out for inspection.

3. Setup and Installation

Follow these steps to set up your Godox Knowled F400Bi LED light mat:

1. **Attach the Adapter Holder:** Secure the adapter holder to a compatible light stand. Ensure it is tightened properly for stability.

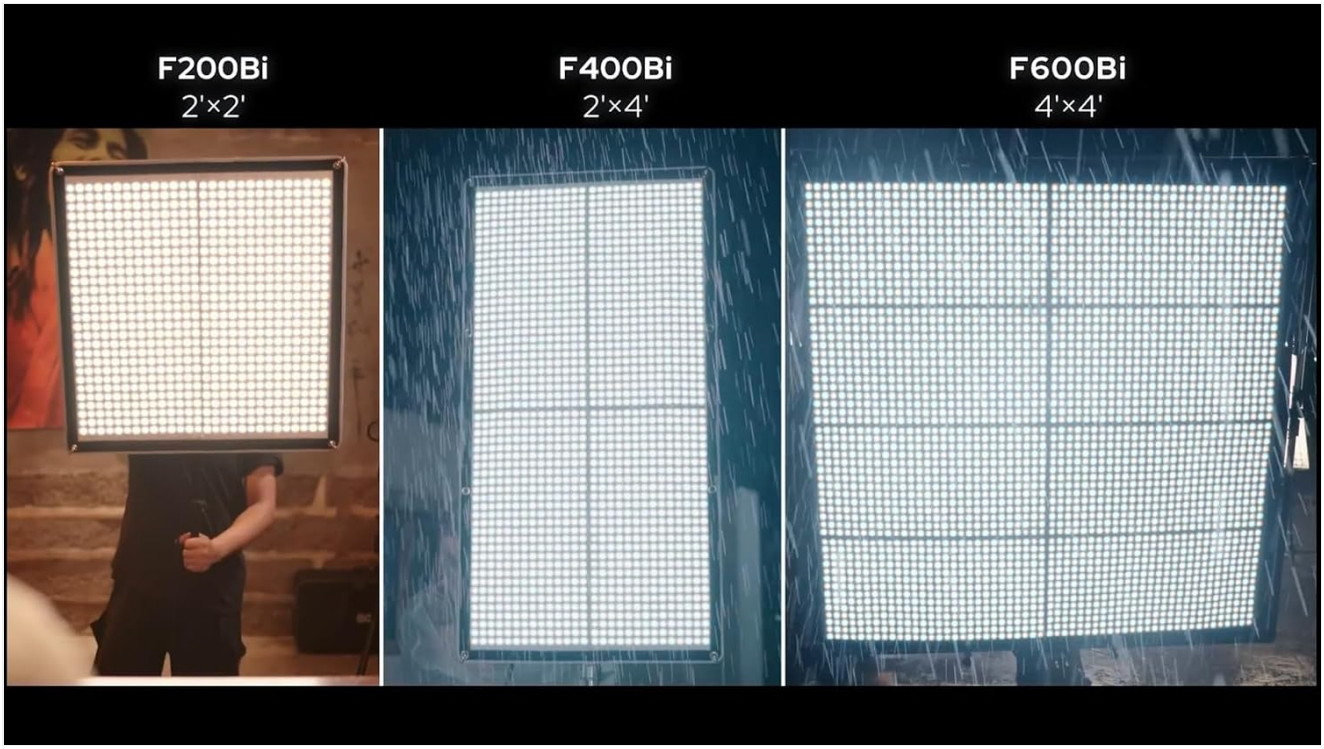


Image: A person attaching the adapter holder to the top of a light stand, securing it with a knob.

2. **Assemble the X-Bracket:** Expand the support rods of the X-bracket and secure them into the mounting hole of the adapter holder.



Image: A person assembling the X-bracket, inserting the flexible rods into the central hub.

3. **Mount the LED Mat:** Insert the ends of the X-bracket support rods into the rings located on the corners of the LED light mat body. This will give the mat its rigid shape.



Image: A person attaching the flexible LED mat to the assembled X-bracket, securing the corners.

4. **Install the Control Box:** The control box can be easily fixed onto the light stand using its integrated clamp. Connect the light body to the control box using the provided 3m connection cable.

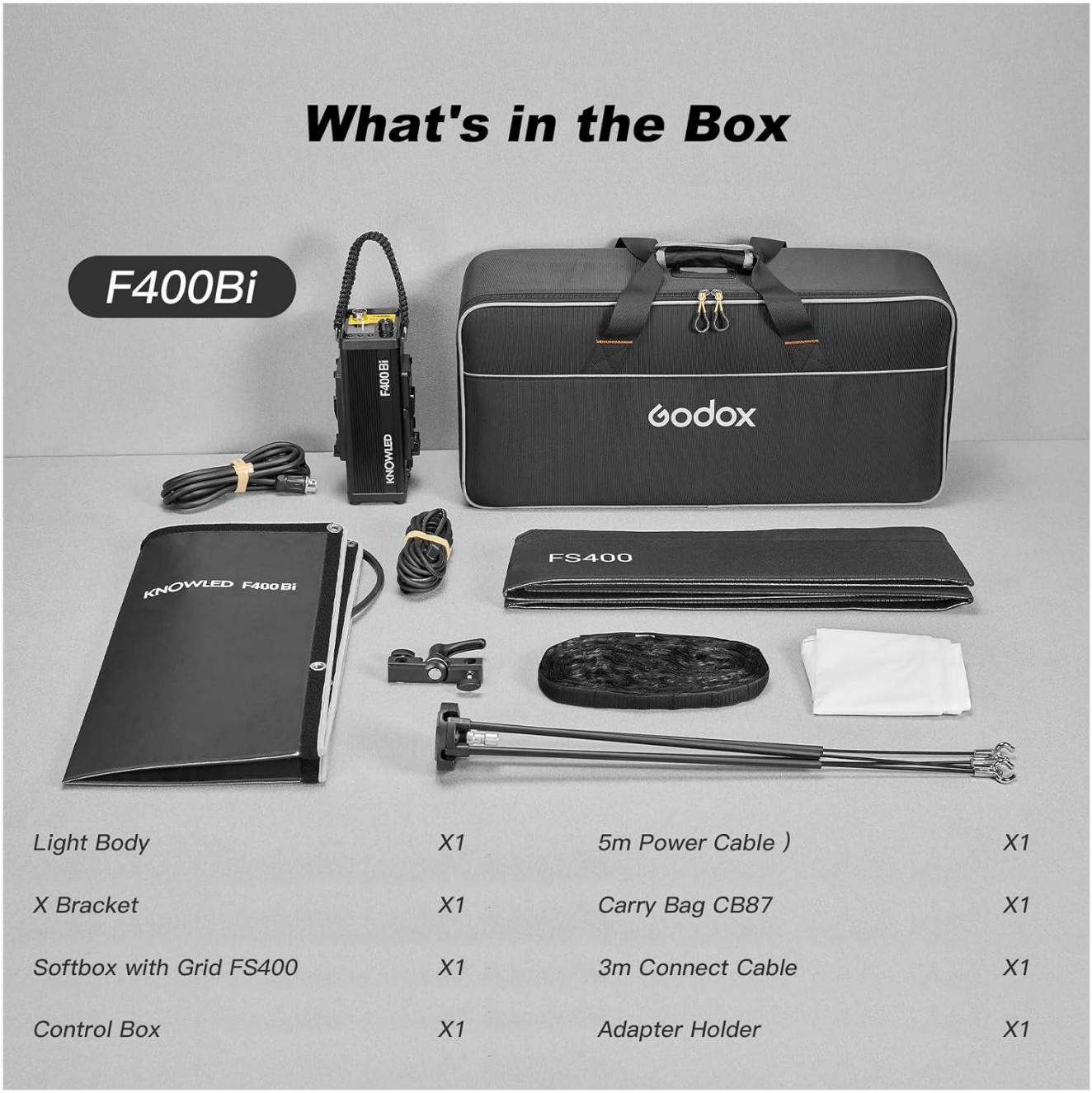


Image: The control box mounted on a light stand, with the connection cable running to the LED light mat.

5. **Power Connection:** The F400Bi can be powered by a 14.8V or 26V V-mount battery (not included) or via DC48V or AC100W-240V AC power using the 5m power cable. Connect the appropriate power source to the control box.



Image: Close-up of the control box showing the 48V DC input and a USB Type-A interface for powering a wireless DMX receiver.

6. **Attach Softbox and Grid (Optional):** For diffused light, attach the softbox along the edge of the light mat using the hook-and-loop fasteners. Then, attach the softbox cloth and grid for further light shaping.



Image: The Godox Knowled F400Bi light mat with the softbox and grid attached, demonstrating light diffusion.

Installation Video Guide

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Video: A detailed tutorial demonstrating the installation and setup process for the Godox KNOWLED Flexible LED Mat, including attaching the X-bracket, control box, and softbox.

4. Operating Instructions

The Godox Knowled F400Bi offers multiple control methods, including the control box, Godox Light App, 2.4G wireless remote control, and CRMX control with the Godox TimoLink RX.

Control Box Operation

1. **Power On/Off:** Press and hold the power button on the controller to turn the light on or off.
2. **Brightness Adjustment:** Rotate the knob to adjust the brightness from 0% to 100%. A short press of the power button will set the brightness to 0%; press again to restore the previous brightness.
3. **Color Temperature Adjustment:** Short-press the knob to switch between brightness and color temperature settings. Rotate the knob to adjust the color temperature from 2700K to 8500K.
4. **Lock Function:** Long-press the MODE button to lock the current interface, preventing accidental changes. Long-press again to unlock.
5. **FX Lighting Effects:** Short-press the MODE button to switch to FX lighting mode. Rotate the knob to select from 11 lighting effects. Press the knob to enter the setting interface for the selected effect, where you can adjust various parameters. Press MODE again to return to the previous page.
6. **Menu Navigation:** Short-press the MENU button to enter the menu page. Use the knob to navigate through options like DMX, Bluetooth, Wireless, Dimming Curves, Quick Boot, Display, Language, Upgrade, and Fixture Info. Press the knob to select an option and adjust its settings. Press MENU again to return to the previous page.
7. **Preset Settings:** Short-press the PRESET button to enter the preset settings interface. A total of 10 sets of preset parameters (P1-P10) can be saved. Rotate the knob to select a preset, then press the knob and rotate to select save/cancel. Press PRESET again to exit.

App Control (Godox Light App)

The Godox Knowled F400Bi can be controlled via the Godox Light App:

1. **Enable Bluetooth:** On the control box, navigate to the Bluetooth settings in the MENU, turn on Bluetooth, and then reset it.
2. **Connect via App:** Open the Godox Light App on your smartphone or tablet. Add the light and connect to it. Once connected, you can control brightness, color temperature, and FX effects directly from the app.

2.4G Wireless Remote Control (Optional)

If you have a Godox 2.4G wireless remote controller (RC-A6, optional purchase), you can control the light wirelessly:

1. **Set Wireless Parameters:** On the control box, navigate to the Wireless settings in the MENU. Select wireless preset/group/channel/identity and set the relevant options to match your remote controller.
2. **Connect Remote:** Open the 2.4G wireless remote controller RC-A6 and set its parameters to match the wireless settings of the light. The light will connect automatically.

CRMX Control (with TimoLink RX)

For CRMX control, connect the Godox TimoLink RX (not included) to the control box's USB Type-A interface. The control box can supply power to the wireless DMX receiver for continuous on-set operation.

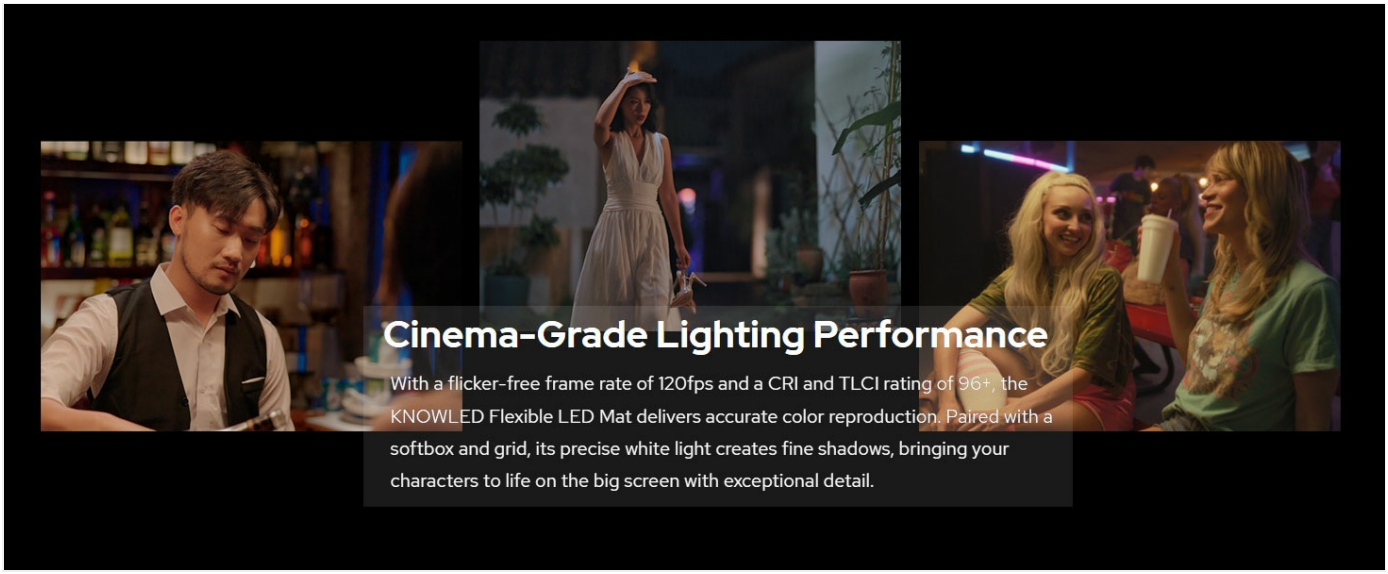


Image: An illustration showing the various control methods for the Godox Knowled F400Bi, including DMX 512, Godox Light App, Remote RC-A6 (Optional), and CRMX control.

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Video: An operational tutorial for the Godox KNOWLED Flexible LED Mat, demonstrating power on/off, brightness and color temperature adjustments, FX modes, menu navigation, and wireless control options.

5. Maintenance

- Keep the device dry. Do not handle with wet hands.
- The LED mat is IP65 water-resistant, but the control box is not. Protect the control box from water exposure.
- Use a soft, dry cloth to clean the light mat and control box. Avoid using harsh chemicals or abrasive materials.
- Store the light mat in its carry bag when not in use to protect it from dust and damage.
- Avoid exposing the device to extreme temperatures or direct sunlight for prolonged periods.
- Do not attempt to disassemble or repair the unit yourself. Repairs should only be performed by authorized service personnel.

6. Troubleshooting

- **Light not turning on:**
  - Ensure the power cable is securely connected to both the control box and the power source.
  - Verify that the power source is active and providing power.
  - If using a V-mount battery, check if it is fully charged and properly mounted.
  - Press and hold the power button on the controller for a few seconds to ensure it powers on.
- **Cannot adjust brightness/color temperature:**
  - Check if the interface is locked. Long-press the MODE button to unlock if a lock symbol is displayed.
  - Ensure you are in the correct mode (CCT mode for brightness/color temperature, FX mode for effects). Short-press the knob to switch between brightness and color temperature.
- **App control not working:**
  - Ensure Bluetooth is enabled and reset on the control box.
  - Verify that the Godox Light App is installed and updated on your device.
  - Check your device's Bluetooth settings and ensure it's connected to the light.

- Restart both the light and your control device.

- **Wireless remote control not working:**
  - Ensure the wireless settings (group, channel, ID) on the light's control box match those on your RC-A6 remote controller.
  - Check the batteries in your remote controller.

7. Specifications

Feature	Specification
Model	F400Bi
Type	Bi-Color Flexible LED Video Light Mat
Output	400W
Illuminance	14700 Lux at 3.3' (5600K)
Color Temperature Range	2700K-8500K
Panel Size	2.1 x 4' (approx. 64cm x 122cm)
Product Dimensions	25.2 x 48 x 1.2 inches
Item Weight	29.8 pounds
Water Resistance	IP65 (Light Mat only, Control Box is not waterproof)
FX Effects	11 built-in effects
Control Methods	Control Box, Godox Light App, 2.4G Wireless Remote (optional), CRMX (with TimoLink RX)
Power Options	14.8V/26V V-mount battery, DC48V, AC100W-240V
Connectivity Technology	Bluetooth
Hardware Interface	Bluetooth

8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the official Godox website or contact your authorized dealer. Keep your purchase receipt as proof of purchase for warranty claims.
Product protection plans may be available for extended coverage. Please check with your retailer for details on available plans.

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Question

Example: How do I reset this device or fix this error?

Details

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Submit question