

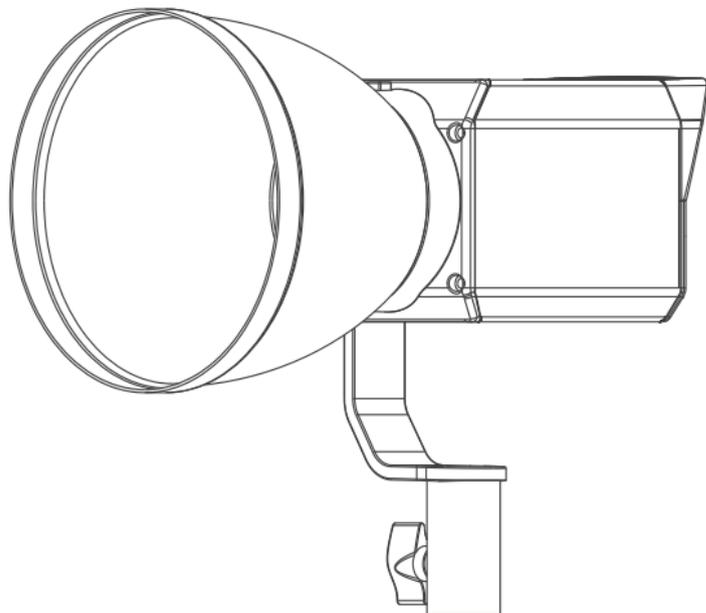
NANLITE

Forza 60B
USER MANUAL

Guangdong NanGuang Photo&Video Systems Co., Ltd

Forza 60B LED Bi-Color Spot Light

■ Product Diagram



■ Technical Data

LED total power: 60W

Rated power: 80W

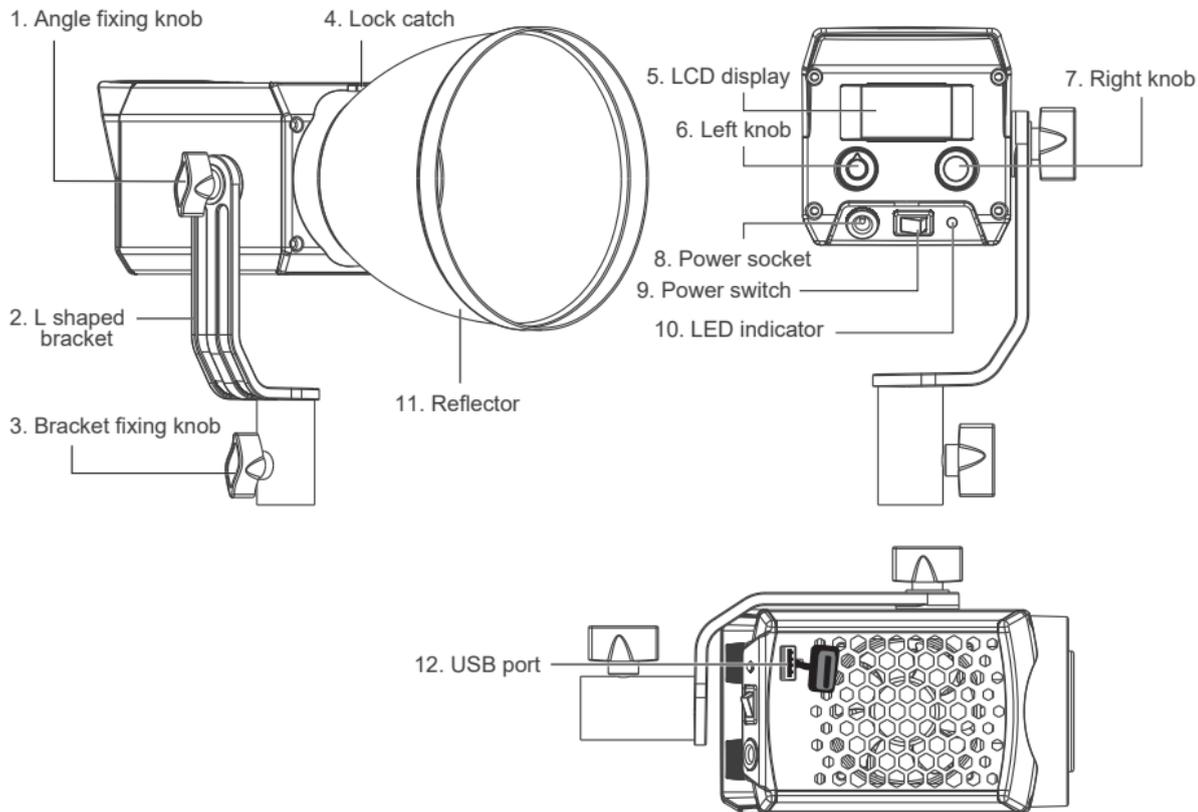
Input voltage/current: 15V \mp 6A

Color Temperature: 2700K - 6500K

CRI: Average 96

TLCI: Average 98

Product Details

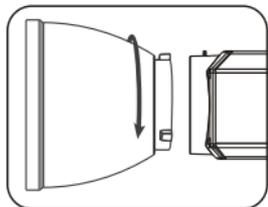


Detailed Description

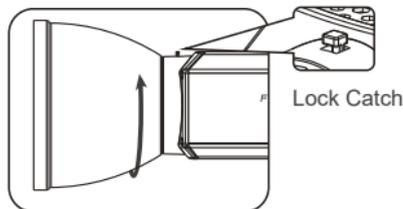
1. Angle fixing knob: Allows for vertical adjustments and fixing of the lamp.
2. L shaped bracket: Designed for connecting the lamp to the light stand and adjusting the beam angle.
3. Bracket fixing knob: For connecting the spot light and camera equipment , and adjusting the horizontal illumination direction of fixture.
4. Lock catch: For installing and disassembling reflector and other accessories.
5. LCD display: For displaying various function operations and data.
6. Left knob: For adjusting the brightness and color temperature.
7. Right knob: For selecting the effect mode, channel, fan, language and version.
8. Power socket: DC power input input. .
9. Power switch: For on/off the fixture.
10. LED indicator: For determining the status of power input. Being on, power supply is normal. Flashing or being off, power supply is abnormal or no power input.
11. Reflector: For gathering light to improve central illumination.
12. USB port: For updating the firmware.

Usage

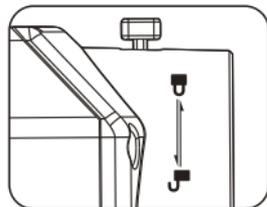
1. Installation of the Reflector



When installing the reflector, ensure its mounting points align with the slots on the light fixture. When the mounting points and slots are aligned push the reflector in place and rotate it in the direction shown on the light until you hear it click into place.



When removing the reflector, push and hold the release button and rotate until the reflector is free to be removed from the fixture.



The reflector lock on/off mark.

2. 2.4G and Bluetooth Remote Control

The Forza 60B has a built-in 2.4Ghz receiver, enabling it to be remotely controlled by remote controller or by APP via the 2.4G transfer device. It also has built-in bluetooth function to connet with bluetooth for more control options.

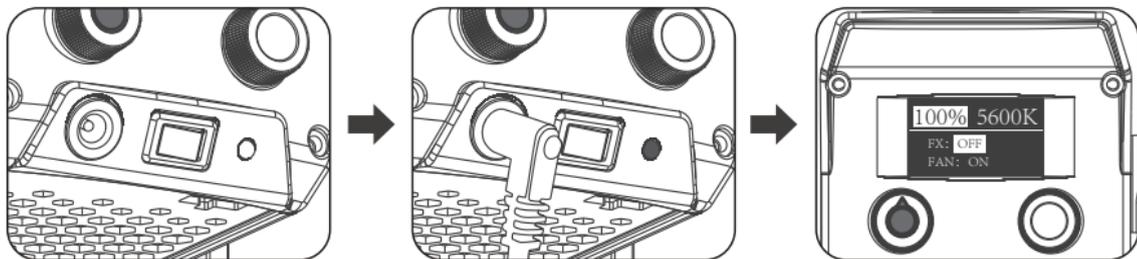
NOTE: 2.4G remote controller or 2.4G transfer device sold separately.

(See separate instructions for remote controller or 2.4G transfer device)

Operating Instructions

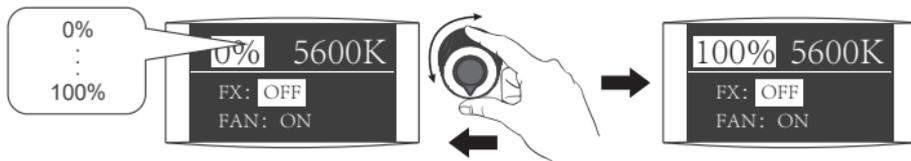
1. Connection between fixture and power adapter.

- ① First be sure that the power switch of the fixture is in the "off" position. Now it is safe to connect the power adapter and power the unit on. If the LED indicator is on that means the power supply is normal. The LCD screen will display all the relevant information for the fixture.



② DIM setting:

Rotate the "left knob", clockwise to increase the output while counterclockwise to reduce the output. Dim is reference to the output percentage. DIM range: 0% --- 100%



③ Color Temperature setting:

Press in the "left knob" to enter the color temperature setting, rotate the "left knob", clockwise to increase the color temperature while counterclockwise to reduce the temperature. Color Temperature range: 2700K - 6500K.

Note: If you wish to return to the DIM setting, press in the "left knob".



Press in the "left knob" to enter the color temperature setting.

④ FX setting:

Rotate the "right knob" to select the desired special effect. Forza 60B has a range of built-in effects - OFF, CCT LOOP, INT LOOP, FLASH, PULSE, STORM, TV, PAPARAZZI, CANDLE/FIRE, BAD BULB, FIREWORK, EXPLOSION and WELDING.



Rotate the "right knob" to select the desired special effect.

(1) If the FX is off that means the effect is inactive.



(2) CCT LOOP:

Press in the "left knob" to select DIM, CCT1 and CCT2 , then rotate it to set the parameters;

Press in the "right knob" to enter SPD setting, then rotate it to set the SPD, SPD range: 2S ... 30S.



Press in the "left knob" to select DIM, CCT1 and CCT2.



Rotate the "left knob" to set the parameters.



Press in the "right knob" to enter SPD setting.



Rotate the "right knob" to set the SPD.

(3) INT LOOP:

Press in the "left knob" to select DIM1, DIM2 and CCT, then rotate it to set the parameters;
Press in the "right knob" to enter SPD setting, then rotate it to set the SPD, SPD range: 2S ... 30S.



Press in the "left knob" to select DIM1, DIM 2 and CCT.



Rotate the "left knob" to set the parameters.



Press in the "right knob" to enter SPD setting.



Press in the "right knob" to set the SPD.

(4) FLASH:

Press in the "left knob" to select DIM and CCT, then rotate it to set the parameters;

Press in the "right knob" to enter INTVL setting, then rotate it to set the INTVL, INTVL range: 1s ... 10s.



Press in the "left knob" to select DIM and CCT.



Rotate the "left knob" to set the parameters.



Press in the "right knob" to enter INTVL setting.



Rotate the "right knob" to set the INTVL.

(5) PULSE:

Press in the "left knob" to select DIM and CCT, then rotate it to set the parameters;

Press in the "right knob" to enter P/MIN setting, then rotate it to set the P/MIN, P/MIN range: 1 ... 240.



Press in the "left knob" to select DIM and CCT.



Rotate the "left knob" to set the parameters.



Press in the "right knob" to enter P/MIN setting.



Rotate the "right knob" and set the P/MIN.

(6) STORM:

Press in the "left knob" to select DIM and CCT, then rotate it to set the parameters. Press in the "right knob" to enter INTVL range setting, then rotate it to set the INTVL range; Press in the "right knob" then rotate it to set the INTVL range. INTVL range: 1S ... 60S.



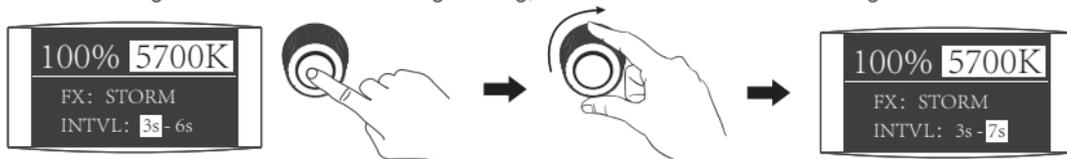
Press in the "left knob" to select DIM and CCT.



Rotate the "left knob" to set the parameters.



Press in the "right knob" to enter INTVL range setting, then rotate it to set the INTVL range.



Press in the "right knob" then rotate it to set the INTVL range.

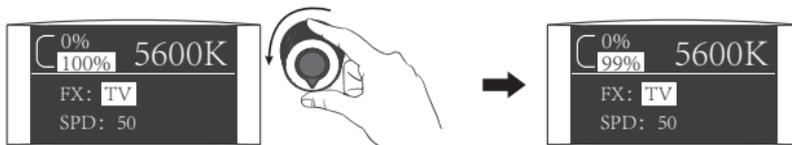
(7) TV:

Press in the "left knob" to select DIM1, DIM2, and CCT, then rotate it to set the parameters;

Press in the "right knob" to enter SPD setting, then rotate it to set the SPD. SPD range: 1 ... 100.



Press in the "left knob" to select DIM1, DIM2, and CCT.



Rotate the "left knob" to set the parameters.



Press in the "right knob" to enter SPD setting.



Rotate the "right knob" to set the SPD.

(8) PAPARAZZI:

Press in the "left knob" to select DIM and CCT, then rotate it to set the parameters;

Press in the "right knob" to enter SPD setting, then rotate it to set the SPD. SPD range: 1 ... 100.



Press in the "left knob" to select DIM and CCT.



Rotate the "left knob" to set the parameters.



Press in the "right knob" to enter SPD setting.



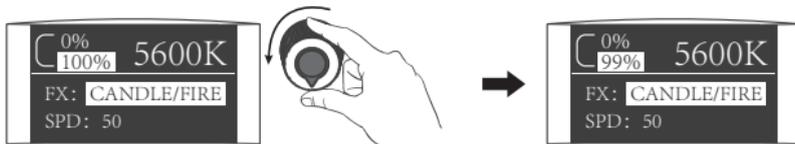
Rotate the "right knob" to set the SPD.

(9) CANDLE/FIRE:

Press in the "left knob" to select DIM 1, DIM 2 and CCT, then rotate it to set the parameters;
Press in the "right knob" to enter SPD setting, then rotate it to set the SPD, SPD range: 1 ... 100.



Press in the "left knob" to select DIM1, DIM2 and CCT.



Rotate the "left knob" to set the parameters.



Press in the "right knob" to enter SPD setting.



Rotate the "right knob" to set the SPD.

(10) BAD BULB:

Press in the "left knob" to select DIM and CCT, then rotate it to set the parameters;

Press in the "right knob" to enter INT setting, then rotate it to set the INT, INT range: 1 ... 100.

Press in the "right knob" to enter SPD setting, then rotate it to set the SPD, SPD range: 1 ... 100.



Press in the "left knob" to select DIM and CCT.



Rotate the "left knob" to set the parameters.



Press in the "right knob" to enter INT setting.



Rotate the "right knob" to set the INT.



Press in the "right knob" to enter SPD setting.



Rotate the "right knob" to set the SPD.

(11) FIREWORK:

Press in the "left knob" to select DIM, CCT, then rotate it to set the parameters; Press in the "right knob" to enter SPD setting, then rotate it to set the SPD, SPD range: 1...100. Press in the "right knob" to enter DECAY setting, then rotate it to set the DECAY, DECAY range: 1...100.



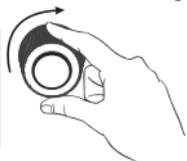
Press in the "left knob" to select DIM, CCT.



Rotate the "left knob" to set the parameters.



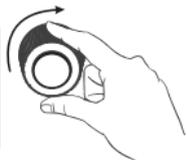
Press in the "right knob" to enter SPD setting.



Rotate the "right knob" to set the SPD.



Press in the "right knob" to enter DECAY setting.



Rotate the "right knob" to set the DECAY.

(12) EXPLOSION:

Press in the "left knob" to select DIM, CCT, then rotate it to set the parameters; Press in the "right knob" to enter SPD setting, then rotate it to set the SPD, SPD range: 1...100. Press in the "right knob" enter DECAY setting, then rotate it to set the DECAY, DECAY range: 1...100.



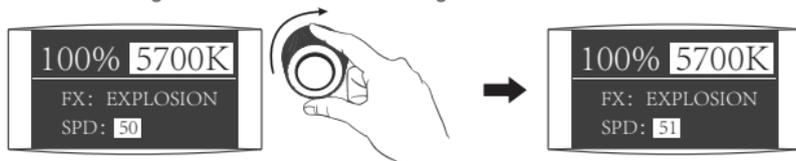
Press in the "left knob" to select DIM, CCT.



Rotate the "left knob" to set the parameters.



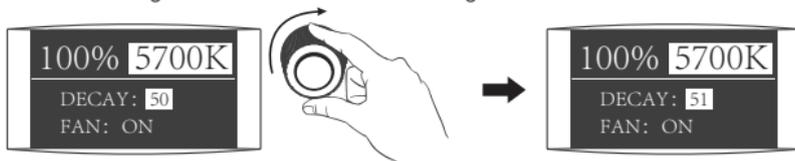
Press in the "right knob" to enter SPD setting.



Rotate the "right knob" to set the SPD.



Press in the "right knob" to enter DECAY setting.



Rotate the "right knob" to set the DECAY.

(13) WELDING:

Press in the "left knob" to select DIM1, DIM2, CCT, then rotate it to set the parameters;

Press in the "right knob" enter SPD setting, then rotate it to set the SPD, SPD range: 1...100.



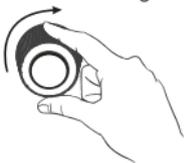
Press in the "left knob" to select DIM1, DIM2, CCT.



Rotate the "left knob" to set the parameters.



Press in the "right knob" to enter SPD setting.



Rotate the "right knob" to set the SPD.

- Lighting effects and additional functionality maybe added with future firmware releases, for details of these please see www.nanlite.com.

⑤ Fan Setting:

Press in the "right knob" to enter FAN setting, then rotate it select the FAN "ON" or "OFF".

Note: When the FAN status is in the "OFF" position, the inside fan will stop working, and now the power output of the fixture is 30%. When the FAN status is in the "ON" position, now the fixture is at full power output.



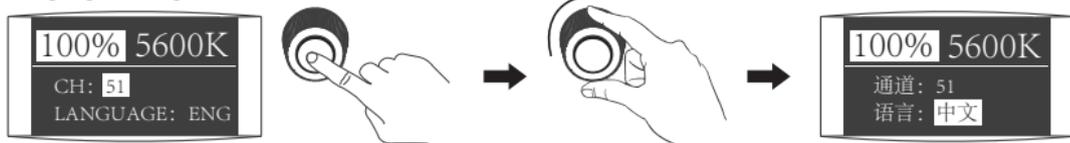
Press in the "right knob" to enter FAN setting, then rotate it select the FAN "ON" or "OFF".

⑥ CH Setting:



Press in the "right knob" to enter CH setting, then rotate it to set the address code for the fixture.

⑦ Language Setting:



Press in the "right knob" to enter LANGUAGE setting, then rotate it select the language.

⑧ Version:



Rotate the "right knob" then you can check the current version for the fixture.

⑨ Long press in the "right knob" to lock all functions. Whilst locked the operation knobs will not change the current settings. Press in the "right knob" again to release the locking status.

2. When stop using the fixture, turn off the switch.

■ Safety Precautions

1. Please open the package to check for damage caused in transit, if damaged please do not use and contact place of purchase or manufacturer as soon as possible.
2. Do not use a power cord with damaged insulation. Do not unplug hard or drag the power cord directly.
3. Make sure that the power supply voltage used matches the voltage specified by the light before installation.
4. When not using or cleaning the light, please turn it off.
5. Keep the light safely stored and away from children.

■ Notice

1. When the light is on do not look directly at the emitter.
2. Do not place objects on the light emitter or allow liquid to flow inside the fixture or the emitter.
3. Do not place the fixture near flammable substances like alcohol or gasoline.
4. When cleaning the light, please wipe off debris or dirt by using a cloth with clean water or neutral cleanser.
5. The Forza 60B should be safely operated where it won't be at risk of getting wet or under extreme temperatures. Please make sure the ventilation fan is not blocked or obstructed.
6. Do not attempt to repair the Forza 60B by yourself. Attempts to self repair will void warranty, for repairs please return to place of purchase.
7. For optimal cooling of the fixture, the vents should not be covered when using, or will damage the equipment. When using the lighting for a long time, the temperature of the lighting is high, please pay attention to anti-scalding.

What's in the box? Please kindly check.

Forza 60B ×1	Power adapter ×1	Power Cable 3M ×1	Reflector ×1	Carrying bag ×1	User Manual × 1
					

General Fault Detection and Diagnosis

Fault Detection	Diagnosis
The light won't start up.	<ol style="list-style-type: none"> 1. Please check the LED indicator. If flashing or not on, please check whether the connection between power adapter, power cable and outlet connection is properly connected. 2. Please check whether the voltage value of power adapter is within specified parameters.
The fixture produces light, but LCD display is not working.	<ol style="list-style-type: none"> 1. Control board is damaged or connecting cables of control board fall off.
LCD display is on but no light output.	<ol style="list-style-type: none"> 1. Check if DIM is set zero. 2. COB or control board is damaged. 3. Check if the fixture is in a specific effect mode.
The inside fan can not work.	<ol style="list-style-type: none"> 1. Please check if the fan is in the "off" position. 2. If the LCD screen displays " FAN STOP!" that means the fan maybe damaged, please get in contact with place of purchase or Nanlite.
If the failure is not resolved after troubleshooting, please contact place of purchase.	

This manual and all stats within it were produced under controlled conditions, and are accurate at time of print. Any future changes to design/technical data can be found at www.nanlite.com.

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