

CowboyStudio Flash Lighting Kit Use Instructions

Product Layout



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| <ol style="list-style-type: none"> 1. Fuse Socket 2. Power Socket 3. Flash Synch Switch 4. Power Switch 5. Modeling Light Control 6. Modeling Light Switch 7. Synch Socket 8. Test Button 9. Ready LED | <ol style="list-style-type: none"> 10. Flash and Light Energy Changer 11. Reflector Lock 12. Synchronizer Eye 13. Locking Lever 14. Umbrella Socket 15. Locking Knob for Stand 16. Flash Tube 17. Modeling Light |
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Quick Guide

1. **Power On** provides the light with power supply (2). Turn on the power switch to start charge. The LED light will be lit when the flash is fully charged and ready to use.
2. **Flash Test**: Press test button (9). The light flashes after LED (10) is lit.
3. **Synchronization Flash**: When LED (10) is on, the flash will flash synchronously with other flash.
4. **Synch Line**: Insert the synch line into the jack (8) and connect the line to the camera with the other end. After LED (10) is lit, the light flashes when the shutter is pressed.
5. **Beep**: The flash beeps during the time of charge and stops when charge is finished. Turn off the switch (7) to disable the beep.
6. **Flash Energy**: Rotate the knob (11) to adjust the flash energy from 1/16 to full stepless.
7. **Modeling Lamp Brightness**: Rotate the knob (11) to adjust the modeling lamp brightness from 1/16 to full stepless.
8. **Mount Shade**: Position the three legs on the shade pointing to the three slots on the light. Insert and rotate the shade to fix. Switch on the shade on (13) and rotate it to un-mount.
9. **Light Direction**: Loosen the lock by turning the wrench counter clockwise to adjust the vertical direction of the light. Turn the wrench clockwise to fix light direction. Pull the wrench out to adjust its position freely.
10. **Fuse Replacement**: Pull the socket to replace.

Operating the Flash

1. We recommend charging the flash unit for 1 to 2 hours prior to initial use and after an extended period of inactivity (2 to 3 weeks).
2. The power switch on the rear panel controls the power to both the flash and the modeling lamp. Setting the switch to "I" turns the unit on and "O" turns the unit off.
3. When the unit has charged to the level set by the flash power control the green light of the switch will turn on. The flash is now ready to fire.
4. Rotating the flash and light energy changer will adjust the flash power from 1/32 to full.
5. For testing, press the test button.

Operating the Modeling Lamp

1. To turn the modeling lamp on, press the modeling light switch once. By turning the regulator knob, the modeling lamp will vary in ratio with the flash power output.
2. Pressing the regulator knob a second time will allow the modeling lamp to be on continuously independently from the flash setting.
3. Pressing the regulator knob again will turn off the modeling lamp.

Safety Notes

1. Do not use your flash in an environment where moisture or flammable vapor is like to come in contact with the unit.
2. A fire hazard exists if flammable materials are placed in close proximity to either the flash tube or the modeling lamp when the unit is in use.
3. Do not restrict air vents while in use.
4. Always switch off and disconnect from the main power before changing fuses, modeling lamp, or flash tube.
5. Avoid placing cables where they can be tripped over. Protect from heavy, sharp or hot objects, which may cause damage. Replace damaged cables immediately.
6. Never use a unit with damaged covers, molding, flash tubes, or modeling lamp. If the unit is dropped or damaged in any way always have it checked before using.
7. Use a blower brush or clean facial tissue to remove dust and moisture from the modeling lamp and the flash tube. Do not apply any fluids to the modeling lamp and the flash tube.

8. We recommend charging the flash unit for 1 to 2 hours prior to initial use and after an extended period of inactivity (2 to 3 weeks).
9. Due to the high voltage circuitry inside the unit, do not attempt to disassemble the flash yourself.
10. Keep out of reach of children.

Index of Technical Capability

Type	200	300				
Flash Energy w/s	200	300				
Guide Number GN	45	50				
Color Temperature	4700K~5200K					
Model Lamp (w)	100~150	100~150				
Charging Time (s)	0.1-1	0.1-1.2				
Flash Duration (s)	1/700-1/1200					
Export Precision	-1%~1%					
Power Requirements	AC110V					
Fan	No					
Adjust Mode	1/8-1					

Included Accessories

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| 1. One (1) 3m Sync Cord | 4. One (1) Instruction Booklet |
| 2. One (1) Modeling Lamp (100W-150WE27) | 5. One (1) Certificate of Quality |
| 3. One (1) Power Cord | |

Optional Accessories

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| Barndoor | Softbox |
| Honeycomb | Light Stand |
| Color | Reflector |
| Filter Set | Infrared Ray Remote Controller. |
| Snoot | |