[pro]master®

SM300 Digital Display Studio Lighting Kit

Thank you for purchasing the **ProMaster SM300 Digital Display Studio Lighting Kit**. The SM300 Monolight is designed for the casual photographer looking for a reliable, economical studio lighting solution. Standard features include color-temperature corrected circular flash tube (5600k), ProMaster/Bowens style reflector providing large lighting coverage, even lighting effects and accessory compatibility, continuous power level adjustment, remote wireless RF and optical slave operation, audible flash ready signal, built-in umbrella holder, and adjustable locking flash mount.

Light Components

Operation

1. Insert the modeling lamp bulb gently into the base inside of the built-in reflector. Avoid touching the lamp with your fingers as the oil from your skin can reduce the life of the lamp.
2. Turn on the monolight by moving the Power/Modeling Light Mode Switch to the FLASH ONLY position – or to the FLASH AND MODELING LIGHT position ─. The Flash Ready indicator light will turn green indicating that the unit is ready to use.
3. Press the test button to make sure the flash working.
4. To use the modeling light, the Power/Modeling Light Mode Switch must be set to the FLASH AND MODELING LIGHT position ─. Press the Modeling Light Selector Button, the indicator light will glow green and the modeling light will be fixed at full power. Press the Modeling Light Selector Button until the green indicator light is off and the modeling light intensity will be controlled by the Flash Intensity Adjustment knob.

5. Use the Flash Intensity Adjustment knob to select desired exposure.
6. Link the flash unit to your camera using a synch cord, the built-in optical slave sensor, or the radio trigger 4-channel built-in RF trigger.
7. To turn the Audible Ready Signal on, press the Audible Signal Switch and the indicator light next to the switch will glow green. When the switch is in this position, the light will emit an audible signal when the light is fully charged and ready to fire again. Press the Audible Signal Switch until the indicator light is off and the Audible Signal will be disabled.
8. To trigger the monolight from another flash, turn the Optical Slave on by pressing the Slave Mode Switch. The optical slave has 3 operating modes identified by the Slave Mode Indicator lights. To select the desired mode, press the Slave Mode Switch until the light indicating the mode you desire glows green. To turn off the optical slave, press the Slave Mode Switch until none of the indicator lights are on. **MODE 1** – The light fires instantly when sensing another flash firing. **MODE 2** – The light fires when it senses the second flash in sequence from another flash. **MODE 3** – The light fires when is senses the third flash in sequence from another flash.

9. The SM300 has a built-in RF radio trigger function. The light is supplied with a camera mounted trigger to use with this function. To use the RF trigger mode, be sure that optical slave mode is off (see #8 above). Set the desired channel on the light using the Wireless Channel Selector switch. Be sure that the switch on the trigger is set to the same position. The trigger comes with one 23A – 12 volt battery preinstalled. Mount the trigger to the hot shoe of your camera. When you release the shutter on your camera, the light will fire. Alternately, you can press the test button on the trigger to fire the light. This trigger will fire multiple lights as long as they are within the transmit/receive signal range and they are set to the same channel as the trigger. If the trigger does not fire your light, be sure to check the following:
    A) Ensure that the light and the trigger are set to the same channel (both sets of switches in the same position).
    B) Some cameras may require you to adjust your camera to trigger an external flash instead of the internal flash.
    C) Check the battery, a low or dead battery may keep the trigger from sending a signal to the light.
10. The SM300 is protected by a 5A fuse located in the Fuse Compartment. If your light fails to power up, unplug the flash from the power source, gently pry the fuse holder out of the fuse compartment and check to make sure that the fuse is good.

Safety Precautions

1. Before using the flash, make sure that your lighting equipment is plugged into a 110 volt AC power source.
2. Do not expose your lighting equipment to sunlight, moisture, dust, dirt, rain or water.
3. Any exposure to chemical solutions, gasoline, grease, oil, paint, or detergents can result in permanent damage to your equipment.
4. Do not insert any metal objects into your lighting equipment.
5. Do not touch or handle equipment with wet hands or allow your equipment to be in contact with water.
6. Be sure to disconnect from the power supply when the light is not in use.
7. Do not attempt to repair your lighting equipment yourself.
8. Avoid rapid continuous firing of your flash. Continued rapid firing may cause excessive heat build up and potential damage to your unit.

Specifications

Power: 300 watt second (joule) at full power
Color Temperature: 5600k ± 100k
Guide Number: 184' / 56m @ 100 ISO
Modeling Lamp: 75 watt / 120 volt G6.35 Bipin Halogen Lamp
Power Setting: Continuous, 1/16th to full power
Optical Slave: Built-in, effective up to 35' / 10m depending on conditions
Wireless Trigger: 4 - Channel
Recycling Time: .5 to 2.5 seconds
Power Input: AC110 - 130 volt, 60Hz
Fuse: 6.3 Amp – 6.3A 250V
Weight: 2 lb. 6 oz. approx.
Size: 7 ½" L x 4 ¾" Ø x 7 ½" H (approx. with bracket collapsed)

One Year Unconditional Guarantee

If for any reason, this ProMaster product fails within ONE YEAR of the date of purchase, return this product to your ProMaster dealer and it will be exchanged for you at no charge. ProMaster products are guaranteed for ONE FULL YEAR against defects in workmanship and materials. If at any time after one year, your ProMaster product fails under normal use, we invite you to return it to ProMaster for evaluation.

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www.promaster.com
Fairfield, CT 06825