PROMASTER®
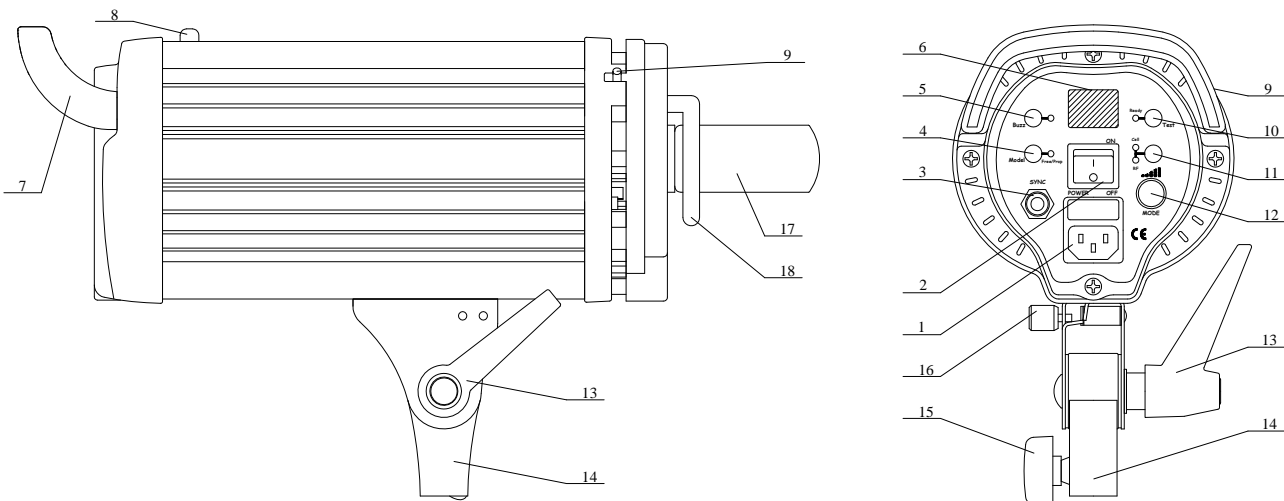
Multi-function Studio Flash

OWNER'S MANUAL

Safety Precautions:

1. Before using the flash, make sure that the electrical power supply matches the power requirements indicated on your lighting equipment. Do not use any power other than the AC specification indicated on your equipment.
2. Do not expose your lighting equipment to sunshine, 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 metal parts into any lighting equipment.
5. Dry your hands before handling the equipment. Touching your equipment with wet hands is dangerous to both the equipment and to you.
6. To unplug your equipment, grasp only the plug. Do not unplug by pulling the electrical wire.
7. If your flash beeps continuously or does not function, turn your flash off and unplug for 30 seconds to reset.
8. Do not attempt to repair your lighting equipment. If a problem arises, contact the store from which you purchased the light.

Specifications:

Model	D200R – Code 7893	D400R – Code 7900
Power source	AC100－130V / 60Hz	
Strobe output	200WS	400WS
Guide No. (ISO100)	45m	65m
Cooling fan	Built-in mini fan cooler	
Power Range	1/32~1/1(5 steps) Continuously	
Recycle time	0.5－1s	
Flash duration	1/800－1/10000s	
Beam angle	55 °	
Slave sensitivity	10 m	
Modeling lamp	150W / E27	
Color temperature	5600K	
Synch cord voltage	6V DC	
Triggering	Synch cord/Test flash switch/Slave sensor/Integrated RF trigger	
Fuse	10A	
Housing size(mm)	136×127×320mm	
Weight	2.2kg	2.5kg

Light Body &Rear Control Panel

1.	Power Socket	9.	Accessory Lock Lever
2.	Power Switch	10.	Test button
3.	Synch Socket	11.	Slave/RF Button
4.	Modeling Lamp/Charge Indicator	12.	Multi-function Knob
5.	Buzz Switch	13.	Angle Adjustment Handle
6.	Digital Screen	14.	Stand mount
7.	Handle Grip	15.	Stand mounting bolt
8.	Slave sensor	16.	Umbrella holder

Directions for use:

Powering on the Flash and Setting the RF Channel

Insert the power cord into Power Socket (1), the Digital Screen (6) will display "C0" when the light is turned on by pressing the Power Switch (2). Choose the RF trigger channel from C0-C7. After 1 or 2 seconds, the Charged Indicator (4) will turn green and the flash is charged and ready to flash.

Testing the Flash Operation

Press the Test Button (10) to check the flash operation.

Selecting the Trigger Method

Optical Slave：This flash has a built-in Optical Slave Sensor (8). Press the Slave/RF button (11), the indicator lamp next to CELL will turn green. When another flash fires, this flash will be triggered. Press Slave/RF button (11) again, and the CELL lamp will turn red or orange. This is the RED-EYE mode. In this mode the flash will ignore the RED-EYE pre-flash from an on camera flash.

RF Trigger：This flash has a built-in RF receiver. Press the SLAVE/RF button (11) until the indicator lamp next to RF lights. The flash is now in the RF trigger mode and can be triggered using the OPTIONAL matching RF transmitter attached to your camera.

Synch Cord: To trigger your flash with a sync cord, insert one side of synch cord into synch cord socket, connect the other end to the sync terminal on your camera. While using a sync cord is the most reliable means of triggering your flash, it is also the most cumbersome.

Audible Ready Signal

To turn on the audible signals, press the Buzz switch (5). When the flash is charged it will beep one time and the indicator will light to tell you the flash is charged and ready to fire.

Modeling Lamp

The modeling lamp has several modes. Press the Modeling Lamp switch (4), when Free/Prop indicator light is off, the modeling lamp is off. When the Free/Prop indicator light turns green, the power of the modeling lamp and flash tube are synchronized and can be adjusted. By pressing the Multi-function Knob (12), the Free/Prop indicator light will turn red and the digital display screen (6) will twinkle. The output of the modeling lamp & flash output are now set for independent adjustment.

Adjust Output Power of Flash

To adjust the output of the flash, rotate the Multi-function knob (12). The power can be set from 1/32 to 1/1.

Stroboscopic Effect

Turn the flash on and press the Multi-function knob (12) twice. The flash will enter into stroboscopic function. The number of flashes (2~20 times) can be set by rotating the Multi-function knob (12). Press the Multi-function knob (12) again and you can select the flash interval (A0-A9).

FP-High Speed Strobe

Turn the flash on and press the Multi-function knob (12) four times, the flash will enter into FP function.

Adjust the RF Receiver Channel

Turn the flash on and press the Multi-function knob (12) five times. The digital display screen (6) shows the current RF receiver channel. Change the channel by rotating Multi-function knob (12). Please refer to Channel Control Chart for the proper transmitter settings. Use of this mode requires the OPTIONAL DR Slave Trigger.

Attaching the Reflector

The reflector has 3 pins around the perimeter of its base. Line these pins up with the corresponding notches in the flash head front collar. Rotate the reflector clockwise until it locks into position. To remove the reflector, push the Accessory Lock Lever (9) on the top of the flash and rotate the reflector counter clock wise, then pull it away from the flash head.

Flash Head Angle Adjustment

Rotate the Angle Adjustment Handle (13) counter clockwise to loosen the locking device. Adjust the angle of the flash head then rotate the Angle Adjustment Handle (13) clockwise to tighten the locking device.

Replacing the Flash Tube

Switch off the power to the flash head and unplug for at least one hour before changing the flash tube. Be sure to wear gloves when replacing the flash tube. Remove the modeling lamp and gently pull out the old flash tube. Make sure that the replacement tube it the correct tube for your flash head. To install, align the flash tube leads with the sockets on the flash head and evenly and gently press the new flash tube into place. Be sure you do not touch the anode and cathode leads of the flash tube.

Failure warning

This flash has a interlock mechanism to prevent overheating. After continuously triggering the flash at a high speed, audible alarm will sound. If continuous triggering continues, the alarm will sound again and the unit will no longer flash. At this time you will need to allow the flash to cool for a period or reset the light.

Channel Control Chart

Digital Display	Transmitter	Switch 3	Switch 2	Switch 1	
C0	Channel 1	0	0	0	
C1	Channel 2	0	0	1	→4 channel
C2	Channel 3	0	1	0	
C3	Channel 4	0	1	1	
C4	Channel 5	1	0	0	
C5	Channel 6	1	0	1	
C6	Channel 7	1	1	0	
C7	Channel 8	1	1	1	

＊"0" means transmitter switch is "off"

＊"1" means transmitter switch is "on"

Packing list:

Description	Qty
Power Cable（4.5m）	1
Synch Cord（4.5m）	1
150W Modeling Lamp	1
Protective Cover	1
Owner's Manual	1
Standard Reflector	1

Optional Accessories:（not included）

Softboxes (in different sizes)

Studio Umbrellas (in different sizes and colors)

Honeycomb

Snoot kit

Soft Reflector

DR Slave Trigger

Made in China

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Fairfield, CT   06825