Thank you for purchasing a Promaster Electronic Flash. Please take a few minutes to review these instructions so that you will get the most from your purchase.

Flash Compatibility

- Canon Digital E-TTL II cameras & E-TTL film cameras (Code 9378)
- Nikon Digital TTL i-TTL cameras & TTL film cameras (Code 8385)
- Olympus & Panasonic Digital TTL cameras (Code 9406)
- Pentax Digital P-TTL & film cameras (Code 3932)
- Sony Alpha & Minolta Digital ADI, D Lenses cameras & TTL film cameras (Code 9399)

Specifications

- Guide Number (ISO 100) 100 (ft / 30 m) at 50mm
- Flash Duration 1/2,000 - 1/60,000 sec.
- Recycling Time 0.3 - 10 sec with fresh batteries
- Number of flashes 100 times with fresh batteries
- Dimensions (W x D x H) Approx. 65 x 93 x 61 mm
- Weight w/batt. Approx. 115 g

Specifications may change without prior notice.

Inserting the Batteries

- Turn the ON/OFF switch to the OFF position.
- Open the battery compartment cover.
- Insert 4 AA batteries observing the correct polarity.
- Close the battery compartment cover.

Caution: When inserting the batteries, make sure to observe the correct polarity. Improperly inserted batteries may cause damage to the flash unit. When replacing batteries, be sure to replace all four cells with the same battery brand and type.

Mounting Flash to the Camera

- For Type C, N & P flashes: Loosen the lock ring. Slide the flash into camera accessory shoe. Tighten the flash with the lock ring.
- For Type OP flash: Insert the mounting foot of the flashgun into camera accessory shoe and press "LOCK" to lock the flashgun in place.
- For Type SA flash: Insert the mounting foot of the flashgun into camera accessory shoe. Then the flashgun is locked in place.

Removing the Flash

- For Type C, N & P flashes: Loosen the lock ring and remove the flash off backwards.
- For Type OP flash: Press both sides of the lock/release button towards the direction as indicated then pull the flashgun off backwards.
- For Type SA flash: Pull the shoe release button and pull the flashgun off backwards.

Operating the Flash and Testing

- Slide the ON/OFF switch to the "ON" position. After a few seconds, the Ready/test lamp should glow, indicating that the flash is ready to shoot. Press the Ready/test button to make sure that your flash works properly. When the flash discharges, wait until the ready lamp glows again.

Adjust your camera to the appropriate setting. Most cameras can be set to the program mode (see your camera’s manual for details on flash synchronization.) When the flash is ready to fire, it will automatically set the camera’s shutter speed. The flash readiness indicator will appear in the display on the camera. Different camera models indicate flash readiness in different ways (see your camera’s instruction manual).

Point your camera at the subject and gently press the shutter button to take the photo. The OK lamp on the flash will light to indicate that the picture is exposed correctly.

AF - TTL Operation

AF - Auto Focus

The AF illuminator helps the camera focus properly when the subject is in low light. If the camera is compatible with an external AF mode, lightly press the shutter button and the red AF illuminator will be automatically activated.

TTL

The flash performs pre-flashes for cameras to calculate the intensity of flash light output. The flash light output is controlled automatically by the camera.

Red-eye Reduction (Type N, OP and P)

The red-eye reduction function reduces the red-eye phenomenon by emitting pre-flashes before the flash fires.