D) Technical Specifications

Guide No.	5.6m (ISO 100/21° , Full Power)
Illumination Angle	2×[Height:60 ×Width:45] (Angle adjustable)
Recycling Time	≤ 3 seconds (Full power); ≤ 1.5 seconds (Half power M/2)
Flash Duration	1/2000 seconds
No. of flash	approx. 300 times (New alkaline batteries, full power)
Color Temperature	~5600K (Daylight)
Shooting Distance	20-100cm
Modeling Lamp	Turn off automatic off after 25 seconds
Triggering	Low Voltage Triggering
Maximum size of lens	Φ77mm
Power Source	4 x 1.5V AA batteries
Dimensions	Lamp Head (L x W x D): 150cm x 130cm x 25cm Control Panel (L x W x D): 65cm x 60cm x 92cm
Weight	264g (Batteries excluded)

E) Attention: ⚠

1. Turn off the flash when not in use. Remove the batteries if the flash unit is not to be used for a period of time.
2. Avoid any scratch or worn on the lamp's protector, so as to ensure the light effect and guide no. would not be affected.
3. To ensure the guide no. quality, only press the shutter when the ready signal - charge indicator lights up.
4. The flash should be stored in a cool, dry and well ventilated place. Before shooting, please trigger the flash several times in order to restore the energy storage capacitor to the best status.
5. Please do not clean the flash with petrol, alcohol or organic detergent.。
6. Please DO NOT open or repair the unit yourself. If there is any defect, please contact the experienced technician.

FⓇ FALCONEYES

FE-MR18 Ring Flash
Instruction Manual

Adepter ring size:
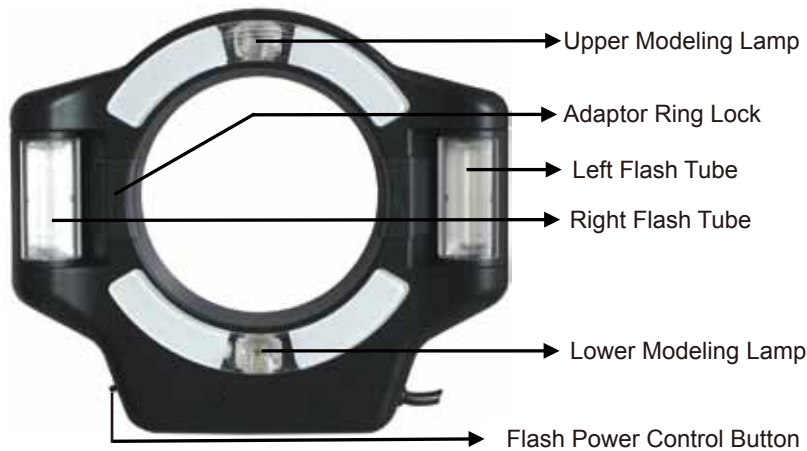52/55/58/62/67/72mm

Thank you for purchasing FalconEyes' products.

For further details of our related products, please contact your local distributor or visit our webpage at www.falconeyes.com.hk Thank you.

Please read this manual carefully before using this product.
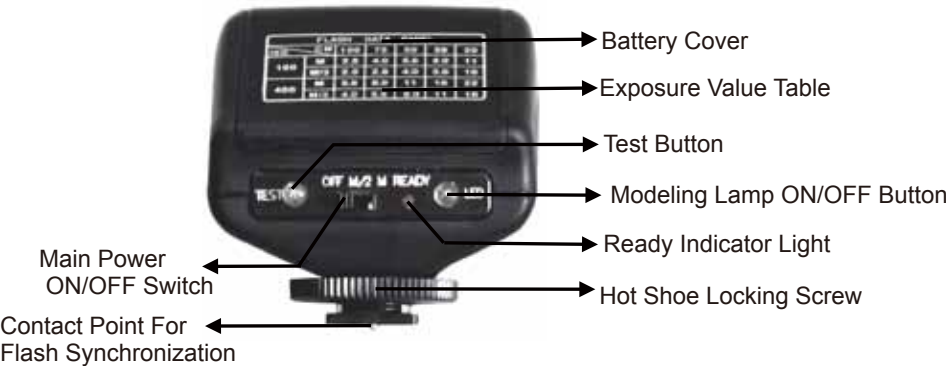
FE-MR18 Ring Flash for Marco Shooting can be used with most of the digital cameras (except Sony) that equipped with hot shoe. It is designed with the advanced electronic technology, with outstanding performance and favorable modeling. Also, the operation is simple and flexible. The largest size of adaptor ring is dia. 77mm. This macron ring flash will be the best partner for your photography creation.

B) Functional Diagram

Upper Modeling Lamp

Adaptor Ring Lock

Left Flash Tube

Right Flash Tube

Lower Modeling Lamp

Flash Power Control Button

Flash Head Section

Battery Cover

Exposure Value Table

Test Button

Modeling Lamp ON/OFF Button

Ready Indicator Light

Hot Shoe Locking Screw

Main Power ON/OFF Switch

Contact Point For Flash Synchronization

Control Section

C) Instructions

1．**Before operation**：

Turn the power switch to the position of "M", and it produces sound of charging the capacitors. After a few seconds, the "READY" lamp turns on and the flash could start working.

When the "READY" lamp does not turn on after 60 sec, the batteries should be changed to new ones.

2. Operation Tips：

A. Adjust the camera's shutter speed:

Set the shutter speed within the range of the flash synchronization speed.

B. Determine the aperture according to the Exposure Value Table.

Example: When the setting of the camera are as follows: ISO 100, Flash Power is M/2 and shooting distance is 50cm

In the Exposure Value Table, find the distance figure "50" in the second row on the top. Then find "M/2" in the row of ISO 100 on the left. Read the figure "4.0" at the intersection point of "50" & "M/2" which is the appropriate aperture value.

3．**Angle adjustment:**

According to different photography purpose, adjust the illumination angle of the left and right flash tubes and/or choose to trigger the dual flash tubes simultaneously or separately.

4．**Use of the modeling lamp:**

When the image of the object cannot be seen clearly or in a low-light environment, turn on the "Modeling Lamp ON/OFF Button", the upper and lower modeling lamp will light up for 25 seconds.

ISO	FLASH DATA PANEL					
	CM	100	75	50	30	20
100	M	2.8	4.0	5.6	8.0	11
	M/2	2.0	2.8	4.0	5.6	16
400	M	5.6	8.0	11	16	22
	M/2	4.0	5.6	8.0	11	16

Exposure reference