

# MACRO RING LITE YN-14EX 使用说明书 USER MANUAL

在使用本产品之前,请通读本手册,以确保您能安全使用,然后保存好本手册以备将来查询参考。

In order to use the product safely, please read manual carefully before using the product and keep it properly for future reference.



# I.Warning

- \*To avoid fire or electrical shock, do not expose this product to rain or moisture.
- \*To avoid short circuit, please sure the batteries contacts are securely packed and in accordance with local provisions when handling the battery.
- \*Please place the batteries and the parts which can be swallowed mistakenly away from children. Contact a doctor immediately when it occurs.
- \*To avoid possible injury to eyes, do not use the flash light in a short distance from the eyes.
- \*To avoid possible safety accident, do not use the flash light on the people who need a high degree of attention.

Please take out the batteries and stop using immediately in case of below:

- \*This product is dropped or shocked seriously and the inner part of the product is bared.
- \*If the battery leaks corrosive liquids, please take out the battery with gloves.
- \*The product gives off strange smell, heats or smokes.
- \*Do not disassemble or maintain this product. Touching the internal high voltage circuit will cause electric shock.
- \*Please take out all the batteries if not use this product for a long time.

#### II.Features

#### SUPPORTS MASTER TTL FLASH

Supports Exposure Compensation, FEB, Rear-curtain sync, FE lock, Modeling Light, Canon camera menu accessible.

#### • RING TYPE DOUBLE LAMP MACRO FLASH

Supports flash ratio, and the flash tube A and B can adjusted together or individually, which can creates shadow on the subject to make the photo with engraving effect.

#### • LARGE-SIZE LCD DISPLAY

Equipped with large-size LCD display, the flashing function can be checked and set more clearly and visually, which will be more convenient for use.

#### • LED AF ASSIST LIGHT

High brightness LED focus assist light to allow focus more easily.

#### • EQUIPPED WITH PC SYNC INTERFACE

YN-14EX is equipped with standard PC synchronous interface which allows you convenient to use synchronous flash by using PC synchronous line.

#### • SUPPORT THE LENS OF MULTIPLE FILTER SIZE

Supports the lens of the following filter size: 52mm, 58mm, 67mm, 72mm.

#### SOUND PROMPT SYSTEM

When the sound prompt system is enabled, different sound modes will prompt different working conditions of the speedlite so as to allow you to focus on shooting process (Note: the sound can be turned off).

#### • HIGH SPEED RECYCLING SYSTEM

The recycling time for full output just takes 3 seconds; you can get high speed current-return experience even without using brand new batteries, which will only takes 4~5 seconds.

#### PROVIDED WITH EXTERNAL POWER SOCKET

YN-14EX is provided with external power socket to meet your higher demand of recycling time and no longer missing the wonderful moments.

#### • AUTOMATIC SETTINGS SAVING

YN-14EX can automatically save your current operating settings to convenient your next use.

# III.Quick Guide

Please read this section to if you do not have time to browse the whole manual.

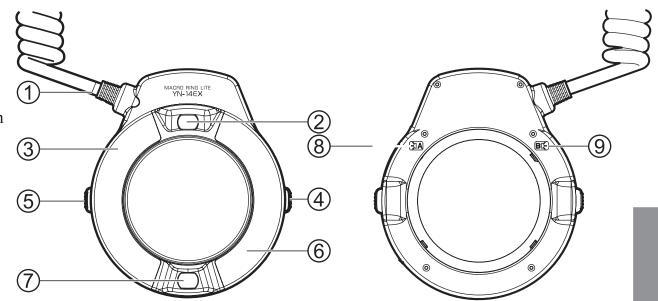
- 1.Please avoid the excessive use of the output with maximum power. It can effectively extend the service life of this product.
  - (It is recommended that the speedlite should be idled for more than 5 minutes when entering the overheating protection.)
- 2. You can operate the respective buttons and observe the changes of the displayed content to understand their respective functions.
- 3.Short press the [ ] button to turn on the screen background light, long press the [ ] button to turn on/off the SOUND PROMPT; short press the [MODE] button to switch mode TTL/M mode; short press the [RATIO/DD] button to enter the setting of flash ratio, long press the [RATIO/DD] button to switch the front/rear-curtain sync; short press the [LAMP/Fn] button to turn on/off the AF Assist Light, long press the [LAMP/Fn] button to enter custom function settings.
- 4.Press the 【UP】, 【DOWN】, 【LEFT】 and 【RIGHT】 buttons can quickly adjust the parameters of speedlite at the current mode. For some parameters, some parameters need to press the central 【OK】 button to set.

# IV.COMPONENTS DISCRIPTION (Please familiar with this part carefully, allowing you to quickly familiarize with the product features)

#### • COMPONENTS DISCRIPTION of the Flash Unit

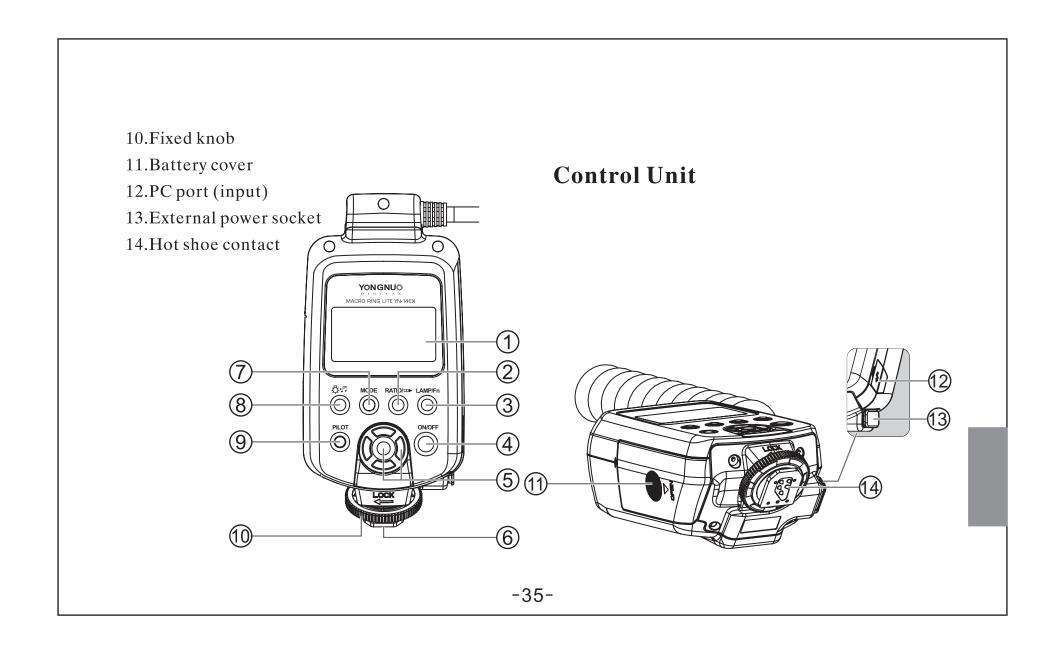
- 1.cable jumper
- 2.the upper AF assist light
- 3.flash tube B
- 4.the left releasing button
- 5.the right releasing button
- 6. flash tube A
- 7.the upper AF assist light
- 8. (SA) flash tube A identification
- 9. (BK) flash tube B identification

#### the flash unit



#### Component Description of the Control Unit

- 1.LCD screen:display all functions and application settings of the speedlite, convenient for examination and quick setting.
- 2. 【RATIO/ shot press the flash ratio, long press about 2 seconds to enter into the switch of front/rear-curtain sync;
- 3. 【LAMP/Fn】: short press to turn on/off the AF assist light, and you can also custom the Fn 08 option settings to automatically turn on the light when half pressing the shutter.
- 4. Power switch 【ON/OFF】: Press this button for about 2 seconds to turn on or off the power of speedlite.
- 5. Selection/setting button: Including the 【Left】, 【Right】, 【Up】, 【Down】 and central 【Ok】 button; The 【Left】 and 【Right】 button can set exposure compensation, output power, flash ratio; The 【Up】 and 【Down】 button can set brightness fine-tuning, exposure bracketing; press the 【OK】 button to switch the flash tube A/B in the RATIO state of M mode.
- 6. Hot shoe stand
- 7. Flash mode button 【MODE】: the flash mode will switch between TTL and M when short pressing the button.
- 8.Backlight/sound switch [5/5]: short press the button to turned on or off LED backlight; and sound prompt function of the speedlite shall be turned on or off by pressing this button for about 2 seconds.
- 9. Charge indicator/Test button 【PILOT】: Red lamp indicates charging is completed and flash can work; green lamp indicates charging is being on, and press this button 【PILOT】, the speedlite will emit test flash.



### • LCD -<>> The 2nd curtain sync ⟨**©**>FEB-<**52**>FEC-Flash exposure compensation— FEB Compensation Quantity manual flash output leve · < D>Low battery display < ETTL/TTL> E-TTL (II)/TTL YONGNUO Auto Flash MACRO RING LITE IN-14 EX <**♬**>Sound prompt <M>Manual flash -**CF**>Custom function Flash tube (A.B)Overheating prompt 8:1 • 4:1 • 2:1 • 1:1 • 1:2 • 1:4 • 1:8 ( < RATIO > Flash ratio-flash tube B Flash ratio scale -Flash ratio --36-

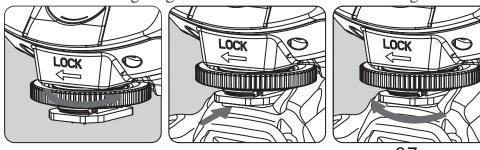
## **V.Installation**

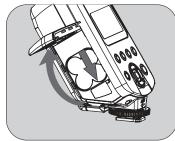
#### Battery Installation

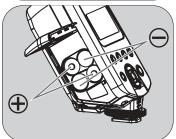
- 1. Slide the 【battery chamber cover】 in the direction of the arrow.
- 2.Insert the batteries according to the label inside battery chamber and make sure the direction of the batteries' polarity is correct.
- 3. Close the [battery chamber cover]] in the direction of the arrow.
- A Please use four standard specification AA batteries. To avoid circuit please do not use damaged batteries.

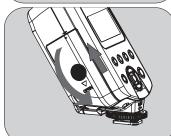
#### Attaching the Control Unit to the Camera

- 1. Rotate the [fixed knob] to the top in the direction of the arrow.
- 2.Slip the control unit [hot shoe stand] into the camera hot shoe stand until it stops.
- 3. Turn the locking ring in the direction of the arrow tighten.









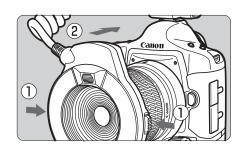
#### • Install the Flash unit

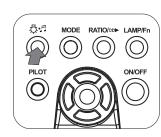
- 1. Use the transfer with the same diameter of the lens filter, tighten the adapter ring on the screw thread of lens filter.
- 2. Press the release button of flash unit and install it on front of the adapter ring.
- ★ The size of adapter ring equipped with the product: 52mm、58mm、68mm、72mm.
- \*\* The macro flash is designed for macro lens, so the lens may turned when the non-macro lens focusing. It is recommended use manual focus (MF) when using the non-macro lens.
- Auto focus may damage your lens.

# VI.Basic Operation

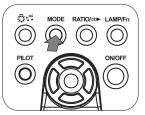
#### • The Operation of the Button

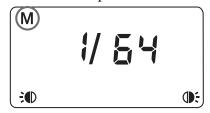
1.Backlight/Sound button [5/5]: short press the button to turn on/off the LCD backlight; and press the button for about 2 seconds turn on/off the sound prompt function.

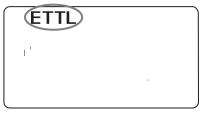




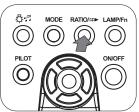
2.Flash mode button [MODE]: short press the button to switch the flash mode TTL/M.

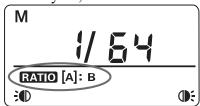


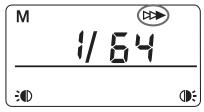




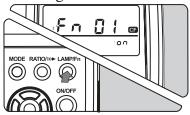
3. 【RATIO/DD】: short press the button to set the flash ratio, long press about 2 seconds to enter into the switch of front/rear-curtain sync;







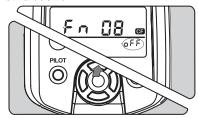
4. 【LAMP/Fn】: short press to turn on/off the AF assist light, and you can also custom the Fn 08 option settings to automatically turn on the light when half pressing the shutter.



Long press the 【LAMP】 button to enter into custom settings

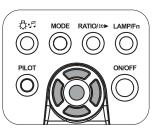


press the 【Left】, 【Right】 buttons to choose Fn 08

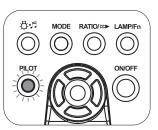


Press the 【UP】 to start

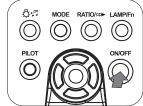
5.Selection/setting button: including the 【Left】, 【Right】, 【Up】, 【Down】 and 【OK】 buttons, the 【Left】 and 【Right】 buttons are used to set the exposure compensation, flash output and flash ratio parameters; the 【UP】 and 【DOWN】 buttons are used to set fine brightness adjustment and bracket exposure; the 【OK】 button is used to adjust output power of A/B tubes.

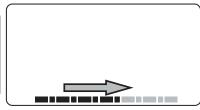


6. Charging Indicator/Test button 【PILOT】: the red light indicates fully charged and can be used; the green light indicates in the charging state. The flash will emit the testing flash when pressing the button 【PILOT】.



7.Power Switch 【ON/OFF】: Long press about 2 seconds to turn on/off the power of flash. It can be also changed to fast turn on/ off through the custom setting options Fn E2.





the flash start

# Meaning of [Charging indicator]

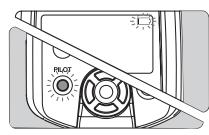
Statues of [Charging Indicator]	Meaning	Handling Method
The red light on	The speedlite is fully charged and can be used.	Normal
The green light on	The speedlite has not been fully charged.	Waiting for completion of charging.
Blinking green light	Low battery and the speedlite is about to shut down.	Please renew the batteries.

# The meaning of [Sound Prompt]

The Sound Form	Meaning	Handling Method
Tick twice	The sound indicator is enabled, the flash is started.	Normal
Tick-tick Tick-tick twine	a. The speedlite is in charging; b. Overheating protection state.	Waiting for complete charging; or Idle 3-5 minutes for overheating protection remove.
Tick-a long sound	The flash is fully charged, and can be used.	Normal
Tick-tick-tick	The power is not enough and the speedlite is going to be shut down.	Replace the batteries.

#### Power on /off

- 1.Long press the 【ON/OFF】 button to turn on/off the flash, it can be also changed to fast turn on/off through the custom setting. It is suggested turn off the speedlite through the button and then take out the batteries
- 2. After turning on the speedlite, the charging indicator is on red light, which indicates the speedlite is available.
- 3. When in low battery, if the charging is not completed within 20 seconds, the 【Charging indicator 】 will blink with green light; the LCD panel will displays the icon of low battery, and the speedlite will auto power-off, indicating it need to replace new batteries.
- 4. You can press the 【PILOT】 button to test if the speedlite works normally.
- 5. After use, turn off the speedlite by long pressing the 【ON/OFF】 button.



low battery

#### ETTL Mode

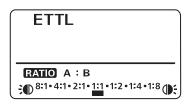
- 1.In ETTL mode, the metering system of this camera will detect the flash illumination reflected back from the object so as to automatically adjust the flash output. Supports exposure compensation, FEB, Rear-curtain sync, AE lock, and CANON camera menu access and etc.
- 2. You can set the exposure compensation for flash by pressing the **Left** and **Right** buttons. The flash exposure compensation amount can be set up within the range of  $\pm 3EV$  in 1/3-stop precision.

#### • < Set the Flash Ratio

It can adjusts the flash ratio of tube A and B or just make one flash tube work. It can creates shadow on the subject to make the photo with engraving effect. The flash ratio can be regulated with the precision of 1/2 EV within the range of 8:1—1:1—1:8.

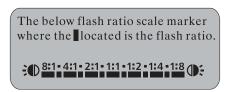
- 1.Press the 【MODE】 button to ETTL mode.
- 2. Press the 【RATIO/► 】 button to display 〈 RATIO A: B>.



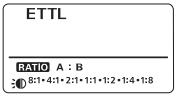


3. Set the flash ratio, press the 【LEFT】 or 【RIGHT】 button to choose value from 8:1—1:1—1:8. When choosing the leftmost end or the the right end to set, it will only light one flash tube.

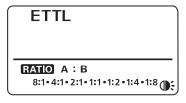




4. The A tube lit when only show  $\langle \mathfrak{P} \rangle$ , while the B tube lit when only show  $\langle \mathfrak{P} \rangle$ .



tube A flash only



tube B flash only

5.In flash ratio mode, it can be pressed the 【OK】 button to switch the flash exposure compensation adjustment. If without operation for 10 minutes, it will automatically return to the flash ratio regulation mode, or press the 【OK】 button to return the flash ratio regulation.





- \* Due to the automatic exposure control, there is no need to calculate the exposure
- **※** If the speedlite in ⟨M⟩mode, please refer to the < M Manual flash exposure > section..
- **X** If taking photo without display (RATIO A: B), the flash tube A and B will transmit the flash with same flash output.

#### FEL Flash Exposure Lock。

Use FEL flash exposure lock, you can lock the correct flash exposure readings for any part of the scene. Press the <FEL> button when the LCD displays <ETTL> ( please press the <\*> button if without the <FEL> button in the camera. )

- 1. Focus on the subject and press the FEL button, YN 14EX will fire pre-flash and will keep the flash output which the subject need in internal storage, FEL will display 0.5 second on the viewfinder.
- 2. Every time pressing the 〈FEL〉 button, the flash will fire pre-flash and upgrade the flash exposure lock readings.
- ¥ If the subject is too far away, it will causes underexposure, the ⟨♦⟩ icon will blink on the viewfinder.
- \* Please close to the subject and then try to use the Flash Exposure Lock.
- ¥ If the LCD is not display <ETTL>, it could not set the flash exposure lock.
- ¥ If the subject too small, the flash exposure lock may not with sufficient effect.

#### ● 〈 **②** > Flash exposure compensation

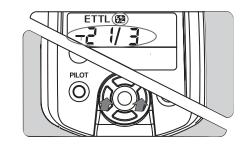
It can be set the flash exposure compensation like setting common exposure compensation.

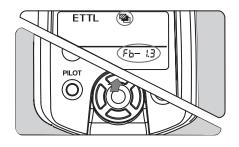
- 1.Press the **LEFT** / **RIGHT** button, can be regulated the flash exposure compensation with the precision of 1/3 EV within the range of  $\pm 3$  EV.
- 2. If you want to cancel the exposure compensation, set it to "0", the screen does not show > icon.



The camera with the precision of 1/3 EV in range of  $\pm 3$  EV and automatically bracket exposure to continue shooting 3 photos, which is called flash bracket exposure.

- 1.Press the 【MODE】 button to ETTL mode.
- 2.Press the 【UP】, Fb-0.3/Fb-0.7/Fb-1.0/....Fb-3.0 displayed, then you can set up the bracket value as needed.
- 3.It can be set the subsequence of Bracket Exposure through custom setting option Fn 04,"00"/"01".





- ※ In the process of bracket exposure, please set the camera's driving mode to single shoot. And please make sure the preparation of flash.
- \*When use the bracket exposure together with flash exposure compensation, FEB will take photo according to the flash exposure compensation.
- \* After taking 3 photos, the Bracket Exposure will be cancel automatically.

#### • < > The second curtain sync

Use slow shutter, you can create a light trails behind the subject. The speedlite will flash on the moment of shutter closing.

- 1. Enable the second curtain sync, press the 【RATIO/► button for about 2 seconds until the icon < ▶ shown.
- 2. Cancel the second curtain sync, press the 【RATIO/► button for about 2 seconds until the icon ⟨► vanish.
- \* the camera's "BULB" mode is suitable for use with the second curtain sync.



#### M Manual Exposure

You can set the flash output between full power 1/1 and 1/64, with the precision of whole grade. :

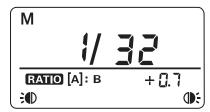
You can use one of the following three ways to make the flash work: Method 1, A and B with the same flash output.

- 1. Press the 【MODE】 button to M mode.
- 2.Press the 【LEFT】, 【RIGHT】 or 【UP】 【DOWN】 buttons to adjust the output power.

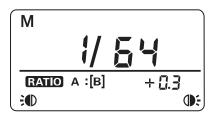
Method 2, A and B with different flash output.

- 1.Press the 【MODE】 button to M mode.
- 2.Short press the 【RATIO/►►】 button to display the < RATIO A: B> icon
- 3. Press the **[OK]** button to switch A/B output power.
- 4.Press the 【LEFT】, 【RIGHT】 or 【UP】 【DOWN】 buttons to adjust the output power.





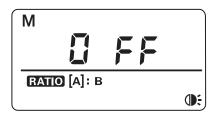
output power of tube A



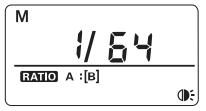
output power of tube B

Method 3, Only A or B flash

- 1.On the basis of Method 2, after pressing the 【LEFT】 button to 1/64, it will display OFF and the tube will be turned off.
- 2. Press the 【OK】 button to switch to another tube, then the output power can be adjusted individually.



press the 【LEFT】 button until the screen display OFF

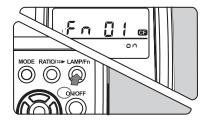


press the **(OK)** button to switch another tube adjustment

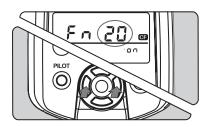
#### • C.Fn Set the Custom Function

Using the custom function, you can set the custom function of YN-14EX according to your preferences.

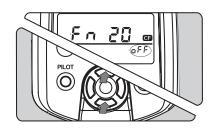
1. Press the 【LAMP/Fn】 button for about two seconds to enter into the C.Fn mode.



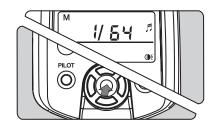
2.Press the 【LEFT】 and 【RIGHT】 buttons to choose custom function number.



3. Press the **[UP]** and **[DOWN]** buttons to choose parameters.



4. Press the **[OK]** button to save and exit.



C.Fn	Number	Function and Setup Instructions
Fn 01	on/off	on: turn on the power saving function
		off: turn off the power saving function
Fn 03	on/off	on: FEB auto cancel is enabled
111 03		off: FEB auto cancel is disabled
Fn 04	00/01	00: Sequence of FEB is :0→ → +
		01: Sequence of FEB is: → 0→ +
Fn 08	on/off	on:Half press to enable AF-assist beam is turned on
		off:Half press to enable AF-assist beam is turned off
En. 20	Fn 20 on/off	on:Sound prompt function is enabled
TH 20		off:Sound prompt function is disabled
Fn E1	Off/03/05/10/30/60	03/05/10/60 indicates the dormancy mode enabled after
		the flash keeping idle for 3/5/10/60 minutes. In
		dormancy mode, it will power off automatically, after
		keeps the same idle time.OFF indicates NO dormancy
		and will not turn off.

C.Fn	Number	Function and Setup Instructions
Fn E2	on/off	on: quick turn on / shut down function is enabled off:quick turn on / shut down function is disabled
Fn E3	07/15/30/ Off	The display time of LCD backlight is 7/15/30 seconds/ Keep bright until pressing the button to turn off it.
Fn E4	on/off	on: recover the default settings off::no-operation (default )

**<sup>※</sup>** Fn 01-Fn 20 options are consistent with the options on Canon camera menu. YN14EX can be set through the camera.

**<sup>※</sup>** Fn E1-Fn E4 can only set on YN-14EX.

# VI.Troubleshooting guide

Fault	Cause	Handling Method
The flash does not work.	The control unit has not firmly	Push the hot shoe of control unit in
	installed in the camera.	position and rotate the screw.
	The electronic contact of control unit or the camera's hot shoe become dirty.	Clean the contact.
	The control unit without battery.	Install the battery in the control unit.
	The batteries have ran out.	Replace a new set of batteries.
Underexposure or	Have set the flash exposure	Cancel the flash exposure
overexposure.	compensation.	compensation.
The power shut down	Set the power saving function	Enter into C.Fn 01 to set "off", at the
automatically.	Set the power saving function	moment the setting of Fn E1 is invalid.
Unable to remove the control	The fixed knob has not screwed to the	Screw the fixed knob to the top and then
unit from the camera.	top.	remove the control unit.

X Any problem in using please refer to this section or browse the manual again. If the problem failed to resolved to the after-sales service center.

# VI.Troubleshooting guide

Fault	Cause	Handling Method
The flash does not work.	The control unit has not firmly	Push the hot shoe of control unit in
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	The electronic contact of control unit or the camera's hot shoe become dirty.	Clean the contact.
	The control unit without battery.	Install the battery in the control unit.
	The batteries have ran out.	Replace a new set of batteries.
Underexposure or	Have set the flash exposure	Cancel the flash exposure
overexposure.	compensation.	compensation.
The power shut down	Set the power saving function	Enter into C.Fn 01 to set "off", at the
automatically.	Set the power saving function	moment the setting of Fn E1 is invalid.
Unable to remove the control	The fixed knob has not screwed to the	Screw the fixed knob to the top and then
unit from the camera.	top.	remove the control unit.

X Any problem in using please refer to this section or browse the manual again. If the problem failed to resolved to the after-sales service center.

# VII.Specification

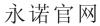
Circuit Design Insulated Gate Bipolar Guide No. 14 (IOS 100, 105n	ım)
Transistor Guide No. 14 (105 100, 103)	1111,
Flash Coverage  Vertical rotation angle about 80°/ Horizontal rotation angle about Flash Ratio Control  80°  With the precision of within the range 8:1—1:1—1:8.	
Flash Mode TTL,M Power Supply 4 AA alkaline battery Nickelmetal hydride (Ni-MH)	
Lighting Times 200-2500 times Recycle time approx 3s	
Color Temperature 5600k Flash Control 7 levels of output control 1/64~1/1),19 levels of tuning.	
External Interface shoe, PC port and external charging port Control Unit Dimension 153*74*56mm	
Flash Unit Dimension 135*123*26mm Net Weight 420g	

Additional features: Flash ratio control, rear-curtain sync,LED AF Assist Lamp, exposure compensation, FEB, FE lock, sound prompt, automatically saving setting, PC port, charging interface, power saving Mode, overheating protection, advanced options function

Accessories: Annular Macro Flash (1), protecting bag (1), manual (1), adapter ring (4)

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永诺商城



永诺微博

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