SOUND PROMPT SYSTEM

• HIGH SPEED RECYCLING SYSTEM

longer missing the wonderful moments.

• AUTOMATIC SETTINGS SAVING

• PROVIDED WITH EXTERNAL POWER SOCKET

turned off).

I.Warning

V.Installation

1.Battery Installation

Slide the [battery cover] in the direction of the arrow. Insert

the batteries according to the label inside battery chamber and make sure the battery polarity direction is correct. Close

Please use four standard specification AA batteries. To avoid circuit please do not use damaged batteries.

Slip the flash (hot shoe stand) into the camera hot shoe stand completely. Rotate

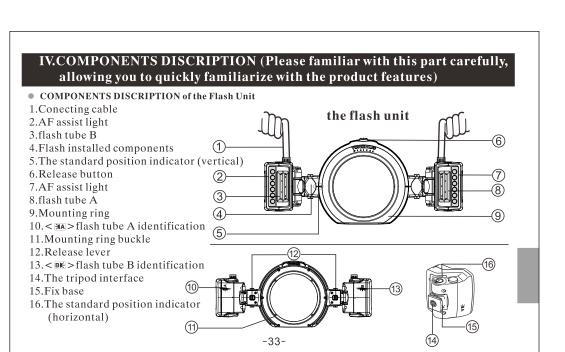
the [fixed knob] to the right in the direction of the arrow until one "click" sound.

the [battery cover] in the direction of the arrow.

- *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
- 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.

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Component Description of the Control Unit

visually, which will be more convenient for use.

synchronous flash by using PC synchronous line.

• SUPPORT THE LENS OF MULTIPLE FILTER SIZE

• EQUIPPED WITH PC SYNC INTERFACE

1.Connecting cable

13. Fix release button

4.Install the flash head on the

5. The adjustable range of the flash

1) Rotate the mounting ring and press the

release button. Release the button when finish rotating.

2) Press the rotating button and turn the flash head

(3) and (4) The direct moving range of the flash head

✗ Do not exceed the scope of the flash head can be adjusted,

otherwise the flash head may fall off the installation position.

X Depending to the difference of the camera and lens, the direct

top of the flash

II.Features

Macro Flash

SUPPORTS MASTER TTL FLASH

LARGE-SIZE LCD DISPLAY

LED AF ASSIST LIGHT

shadow on the subject to make the photo with engraving effect.

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

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

2.LCD display 3. 【RATIO】:short press to set the flash ratio,long press for two second to enter into the front-curtain or rear curtain synchronous flash switch. 4.Backlight/sound switch [心/]: 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.

5. Flash mode button [MODE]: short press the button, the flash mode will switch between TTL and M. 6. Charge indicator/[4] Test button: Green lamp indicates charging is completed and the flash can work; green lamp indicates charging is being on, and press this button the speedlite will make test flash. 7. 【SEL/SET 】 button: Save the setting

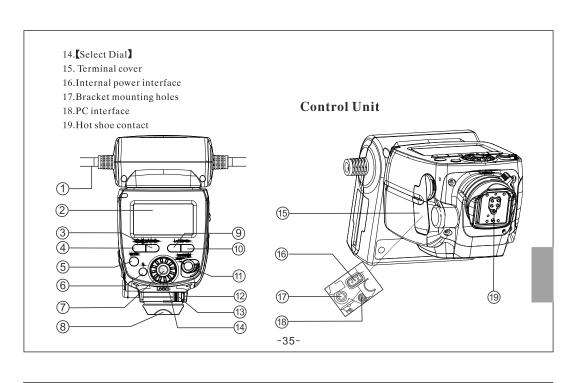
Supports Exposure Compensation, FEB, Rear-curtain sync, FE lock, Modeling Light, Canon camera

Supports flash ratio, and the flash tube A and B can adjusted together or individually, which can creates

Equipped with large-size LCD display, the flashing function can be checked and set more clearly and

YN24EX is equipped with standard PC synchronous interface which allows you convenient to use

8. Dust-proof waterproof adapter 9. 【L.LED】: Turn on the left side AF assist light, there are two levels for the intensity; 10. [R.LED]: Turn on the left side AF assist light, there are two levels for the intensity; long press to enter 11. 【LOCK】Lock switch/Power switch



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

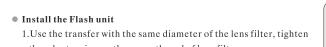
YN24EX can automatically save your current operating settings to convenient your next use.

even without using brand new batteries, which will only takes 4~5 seconds.

The recycling time for full output just takes 3 seconds; you can get high speed current-return experience

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YN24EX is provided with external power socket to meet your higher demand recycling time and no

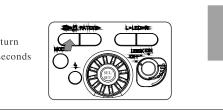


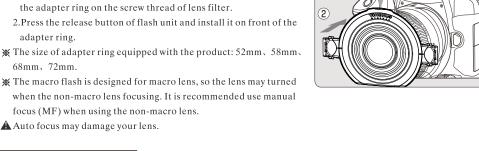
adapter ring. \mathbf{X} The size of adapter ring equipped with the product: 52mm, 58mm,

Auto focus may damage your lens.



1.Backlight/Sound button【意/声】: short press the button to turn on/off the LCD backlight; and press the button for about 2 seconds

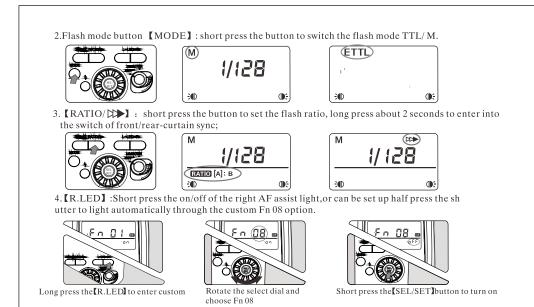




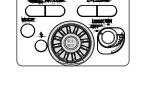
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turn on/off the sound prompt function.





5. Selection/setting button: the [Select dial] can rapid set the flash parameter in the current mode. [SEL/SET] Long set to set the fine luminance adjustment, bracket exposure and adjust output power of A/B tubes.



3. Take down the flash before disassemble the flash

please keep pressing the [lock release] button and

slip the [fixed knob] to the left at the same time, and

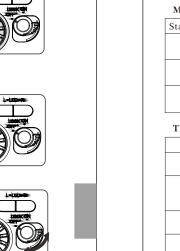
6. Charging Indicator/ Test button (1): the green light indicates fully charged and can be used; the red light indicates in the charging state.

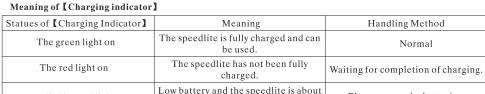
The flash will make testing flash when pressing the button [4].

7. Turn on and turn off the [Switch] and lock function: Dial the [Switch] to the position <ON>, the flash will turn on and start charging, dial to the position <OFF>, the flash will turn off. Turn on the flash and dial to the position <LOCK> will enter into lock function; use the function can prevent the parameters being changed accidentally. The screen

will display current parameter when use this function.

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	chargea.	
Blinking red 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.

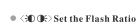


1.Dial the [Switch] to the position <ON> to turn on the flash, can be set flash switch through the custom setting, turn off the flash power and then remove the battery. 2. After turning on the flash, the [charging indicator] is on green light, which indicates the flash is ready to work. 3. When in low battery, if the charging is not completed within 20 seconds, the [Charging indicator] will blink with red light; the LCD panel will displays the icon of low battery, and the flash will auto power-off, indicating it need to replace

new batteries. 4. You can press the [4] button to test if the speedlite works normally. 5. After use, slip the **[Switch]** to the **<OFF>** position.

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 short press the [SEL/SET] button and then rotate the [Select dial] for adjustment. The flash exposure compensation amount can be set up within the range of $\pm 3EV$ in 1/3-stop precision. -43-



III.Quick Guide

overheating protection.)

their respective functions.

LCD

into the Custom function settings.

parameters need to press the [SEL/SET] button to set.

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

2. You can operate the respective buttons and observe the changes of the displayed content to understand

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 LLED and R.LED to turn on or turn off the AF assist lamp, there are two levels for the AF assist light luminance; long press the R.LED to enter

4. Through rotate the Select Dial the flash parameter can be adjusted rapidly in the current mode, some

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The 2nd curtain sync

Low battery display

(It is recommended that the speedlite should be idled for more than 5 minutes when entering the

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.

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make sure the preparation of flash.

• < > The second curtain sync

curtain sync.

Fn E1

according to the flash exposure compensation.

speedlite will flash on the moment of shutter closing.

about 2 seconds until the icon ⟨►►►⟩ shown.

about 2 seconds until the icon ⟨►►► vanish.

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₩ In the process of bracket exposure, please set the camera's driving mode to single shoot. And please

METTL

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.

₩ When use the bracket exposure together with flash exposure compensation, FEB will take photo

 $\ensuremath{\cancel{\times}} After taking 3 photos, the Bracket Exposure will be cancel automatically.$

Use slow shutter, you can create a light trails behind the subject. The

1.Enable the second curtain sync, press the 【RATIO/► button for

2. Cancel the second curtain sync, press the 【RATIO/₺₺】 button for

* the camera's "BULB" mode is suitable for use with the second

4. The A tube lit when only show $\langle \mathfrak{P} \rangle$, while the B tube lit when only show $\langle \mathfrak{P} \rangle$. RATIO A : B 5.In flash ratio mode, press the [SEL/SET] 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 [SEL/SET] 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.. **※** If taking photo without display ⟨**RATIO** A:B⟩, the flash tube A and B will transmit the flash with same flash output. -45-

 M Manual Exposure You can set the flash output between full out 1/1 and 1/128 in one EV as increment manually You can use one of the following three ways to make the flash work: Method 1, A and B with the same flash output.

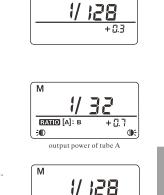
Method 2, A and B with different flash output. 1.Press the 【MODE】 button to M mode.

2. Rotate the [Select dialn] to adjust the output power.

1.Press the 【MODE】 button to M mode.

2.Short press the [RATIO/ DIP] button to display the (RATIO A: B) 3. Press the 【SEL/SET】 button can switch the output power of A/B tubes. 1/ 128 4. Rotate the [Select dialn] to adjust the output power. RATIO A :[B] + [].]

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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, YN24EX 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

※ 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.

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Method 3, Only A or B flash

1. Base on the method 2, rotate the [Select dial] to 1/128, displays OFF and the tube will be turned off. 2. Press the [SEL/SET] button, switch to the other flash tube, then the output power can be adjusted separately.

O FF RATIO [A]: B Rotate the [Select dial] until the

1/128 Press the [SEL/SET] button, switch

C.Fn Set the Custom Function Using the custom function, you can set the custom function of YN24EX according to your preferences. 1.Long press the [R.LED] button, enter into C.Fn mode.



Handling Method

Normal

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♥ 62 >Flash exposure compensation	
It can be set the flash exposure compensation like setting common exposure compensation. $1. Press \ the \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	
2. If you want to cancel the exposure compensation, set it to "0", the screen does not show \(\overline{20} \) icon.	
√ 2 >FEB Flash Bracket Exposure	
The camera with the precision of 1/3 EV in range of ±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. Long press the 【SEL/SET】 button, rotate the 【Select dial】 will display	ETTL (b)
Fb-0.3/Fb-0.7/Fb-1.0 Fb-3.0, can be set the exposure bracketing as needed.	

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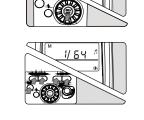
2. Rotate the [Select dial] and choose the custom function serial number

3.It can be set the subsequence of Bracket Exposure through custom

setting option Fn 04,"00"/"01".

3. Press the 【SEL/SET】 button to choose the parameter.

4. Press the 【R.LED 】 button for save and exit.



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C.Fn	Number	Function and Setup Instructions
Fn 01	on/off	on: turn on the power saving function
rn or	Oli/OII	off: turn off the power saving function
Fn 03	on/off	on: FEB auto cancel is enabled
Fii 03	Oll/Oll	off: FEB auto cancel is disabled
Fn 04	00/01	00: Sequence of FEB is :0→ — → +
FII 04	00/01	01: Sequence of FEB is: $\longrightarrow 0 \longrightarrow +$
Fn 08	00/01/02	00:Half press to enable AF-assist beam is turned off 01:Half-pressed to turn on I level brightness of the focus lamp 02:Half-pressed to turn on II level brightness of the focus lamp
Fn 20	on/off	on:Sound prompt function is enabled off:Sound prompt function is disabled
		03/05/10/60 indicates the dormancy mode enabled after

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Off/03/05/10/30/60

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

₩ Fn 01-Fn 20 options are consistent with the options on Canon camera menu. YN24EX can be set through ₩ Fn E1-Fn E3 can only set on YN24EX.

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VI.Troubleshooting guide			
Fault	Cause	Handling Method	
The flash does not work.	The control unit has not firmly installed in the camera.	Push the hot shoe of control unit in 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 overexposure.	Have set the flash exposure compensation.	Cancel the flash exposure compensation.	
The power shut down automatically.	Set the power saving function	Enter into C.Fn 01 to set "off", at the 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	

** Any problem in using please refer to this section or browse the manual again. If the problem failed to

remove the control unit.

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Specification	Macro Flash YN24EX	Туре	Automatic macro flash for close-up photography
Circuit Design	Insulated Gate Bipolar Transistor	Flash Ratio Control	Two flash heads: 24/79 Single flash head:26/85 (ISO 100)
Flash Coverage	vertical angle: Upwards, downwards 90 degrees horizontal angle: inwards 60 degrees, outwards 30 degrees The rotate degree of the adapter ring: upwards 50 degrees, downwards 30 degrees	Guide No.	With the precision of 1/2 EV within the range of 8:1—1:1—1:8.
Flash Mode	TTL,M	Power Supply	4 AA alkaline battery or AA Nickelmetal hydride battery (Ni-MH)
Lighting Times	200-2500 times	Recycle time	approx 3s
Color Temperature	5600k	Flash Control	8 levels of output control(1/128~1/1),22 levels of fine tuning
External Interface	shoe, PC port and external charging port	Control Unit Dimension	175*105*160mm
Flash Unit Dimension	251*49*107mm	Net Weight	998g
FE lock, sound promp	Flash ratio control, rear-curtain sync,LED ot,automatically saving setting,PC port, chain, advanced options function		
01	n,advanced options function sh(1), portable bag(1),manual(1),adapter ri	na (4)	

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resolved to the after-sales service center.



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深圳市永诺摄影器材股份有限公司 深圳市华强北路赛格科技园二栋5楼B509室 TEL: (086) 0755-83762448 Email:service@hkyongnuo.com FAX: (086) 0755-83762765 Wedsite: www. hkyongnuo. com 全国服务热线: 400-001-3888