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 stage when you 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 of 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.

-29-

II.Features

◎ SUPPORTS MASTER TTL FLASH
Supports Exposure Compensation, FEB, Rear-curtain sync, FE lock, Modeling Light, Canon camera menu accessible.
◎ 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
YN14EX II 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.

-30-

◎ SOUND PROMPT SYSTEM
When the sound prompt system is enabled, different sound mode 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
YN14EX II is provided with external power socket to meet your higher demand recycling time and no longer missing the wonderful moments.
◎ AUTOMATIC SETTINGS SAVING
YN14EX II can automatically save your current operating settings to convenient your next use.

-31-

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:【】】 button to enter the setting of flash ratio, long press the 【RATIO:【】】 button to switch the front/rear-curtain sync ; Short press the 【▲ LED】 and 【LED ▼】 to turn on or turn off the AF assist lamp ,long press the 【LED ▼】 to enter into the Custom function settings.
4. Through rotate the 【Select Dial】the flash parameter can be adjusted rapidly in the current mode,some parameters need to press the 【SEL/SET】button to set.

-32-

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

◎ COMPONENTS DESCRIPTION of the Flash Unit　　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.【 】 flash tube A identification
9.【 】 flash tube B identification
10. The color temperature plate holds the magnet

-33-

◎ Component Description of the Control Unit

1.Connecting cable
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【 】: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/【 】 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
8.Dust-proof waterproof adapter
9.【▲LED】Turn on the above side AF assist light
10.【LED ▼】Turn on the below side AF assist light,long press to enter the Custom mode Fn
11.【LOCK】Lock switch/Power switch
12.Lock release button
13. Fix release button

-34-

14.【Select Dial】
15. Terminal cover
16.Internal power interface
17.Bracket mounting holes
18.PC interface
19.Hot shoe contact

Control Unit

-35-

◎ LCD

-36-

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 the 【battery cover】in the direction of the arrow.

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 then take down the flash.

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

2.Install the Flash

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.
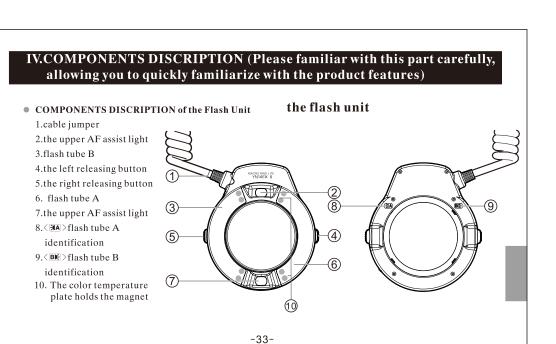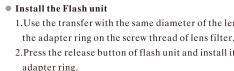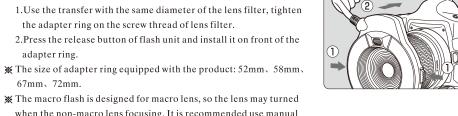
-37-

◎ 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.
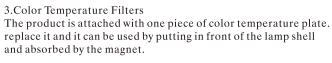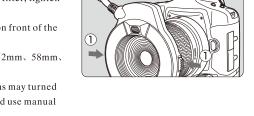▣ The size of adapter ring equipped with the product: 52mm、58mm、67mm、72mm.
▣ The macro flash is designed for macro lens, so the lens may turned when the non-macro lens focusing. It is recommended use manual focus (MF) when using the non-macro lens.
▲ Auto focus may damage your lens.
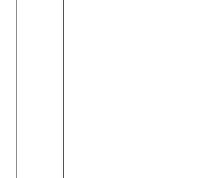
3.Color Temperature Filters

The product is attached with one piece of color temperature plate. replace it and it can be used by putting in front of the lamp shell and absorbed by the magnet.
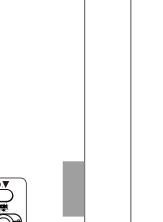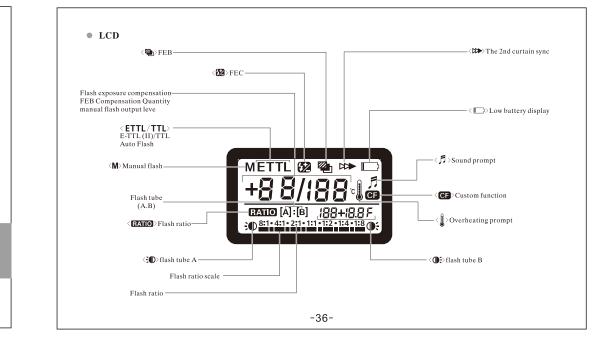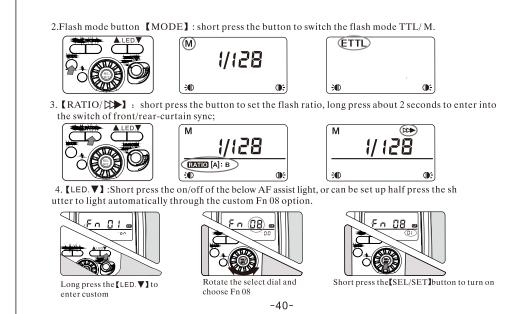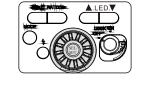
-38-

VI.Basic Operation

The color temperature plate can be used when it is attracted by the magnet

◎ The Operation of the Button
1.Backlight/Sound button【 】 : 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.

-39-

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

3.【RATIO:【】】 : 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.【LED ▼】 Short press the on/off of the below AF assist light, or can be set up half press the shutter to light automatically through the custom Fn 08 option.

Long press the 【LED ▼】to enter custom

Rotate the select dial and choose Fn 08

Short press the SEL/SET button to turn on

-40-

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

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

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.

-41-

◎ Statues 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 blue light on	The speedlite has not been fully charged.	Waiting for completion of charging.
Blinking blue 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.

-42-

※Power on /off
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 red 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 blue 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【 】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 power. 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】or adjustment. The flash exposure compensation amount can be set up within the range of ±3EV in 1/3-stop precision.

-43-

low battery

◎ 【 】 Set the Flash Ratio
It can adjust 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, rotate the 【Select dial】to choose the value from 8:1—1:1—1:8. When choosing the leftmost end or the right end to set, it will only light one flash tube.

The below flash ratio scale marker where the 【 】located is the flash ratio of tube A and B respectively.

-44-

4. The A tube lit when only show <【】>, while the B tube lit when only show <【】>.

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-

※ 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,YN14EX II 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.

-46-

◎ 【 】Flash exposure compensation
It can be set the flash exposure compensation like setting common exposure compensation.
1.Press the 【select dial】button , can be regulated the flash exposure compensation with the precision of 1/3 EV within the range of ±3EV.
2.If you want to cancel the exposure compensation, set it to "0", the screen does not show "0".

◎ 【 】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 Fb-0,3/Fb-0.7/Fb-1.0 Fb-3.0, can be set the exposure bracketing as needed.
3.It can be set the subsequence of Bracket Exposure through custom setting option Fn 04,"00"/"01".

-47-

※ 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 【 】appears.
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.

-48-

※ 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.
1.Press the 【MODE】 button to M mode.
2.Rotate the 【Select dial】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 【SEL/SET】button can switch the output power of A/ B tubes.
4.Rotate the 【Select dial】to adjust the output power.

output power of tube A

output power of tube B

-49-

Method 3, Only A or B flash
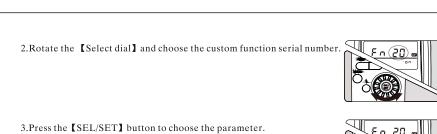1.Base on the method 2,rotate the 【Select dial】to 1/128, displays OFF and the tube will be turned off.
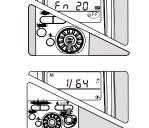2.Press the【SEL/SET】button, switch to the other flash tube, then the output power can be adjusted separately.

Rotate the 【Select dial】 until the screen display OFF

Press the 【SEL/SET】button, switch to the other flash tube.

◎ C.Fn Set the Custom Function
Using the custom function, you can set the custom function of YN14EX II according to your preferences.
1. Long press the【LED ▼】button, enter into C.Fn mode.

-50-

2.Rotate the 【Select dial】 and choose the custom function serial number.

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

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

-51-

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 off : FEB auto cancel is disabled
Fn 04	00/01	00: Sequence of FEB is :0→ — → + 01: Sequence of FEB is: — →0→ +
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
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	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 display functions off::no-operation (default)

※ Fn 01-Fn 20 options are consistent with the options on Canon camera menu.YN14EX II can be set through the camera.
※ Fn E1-Fn E3 can only set on YN14EX II.

-53-

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 unit from the camera.	The fixed knob has not screwed to the top.	Screw the fixed knob to the top and then remove the control unit.

※ 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.

-54-

VII.Specification

Specification	Macro Ring Flash Flash YN14EX II	Type	Automatic annular flash for macro shots
Circuit Design	Insulated Gate Bipolar Transistor	Guide No.	18 (ISO 100 in meters)
Flash Coverage	Vertical rotation angle about 80°/ Horizontal rotation angle about 80°	Flash Ratio Control	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	135*123*26mm	Net Weight	920g

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) , CT filters(4)

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-56-

-55-