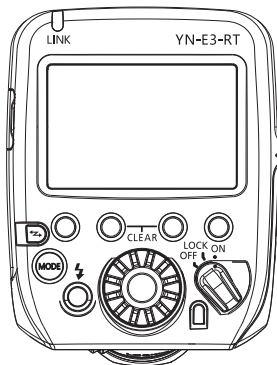




YN-E3-RT

闪光灯信号发射器
SPEEDLITE TRANSMITTER



User Manual
用户手册

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Read this instruction manual while also referring to the instruction manuals of your camera and Speedlite.

Before using the transmitter, read this instruction manual and the instruction manuals of your camera and Speedlite to familiarize yourself with the operations.

Introduction

The YONGNUO Speedlite Transmitter YN-E3-RT is a transmitter for wireless flash shooting. It can control up to 5 groups (15 units) of Speedlites that have a wireless multiple flash shooting function using radio transmission. The transmitter also has dust and water resistance equivalent to EOS-1D series cameras.

- **Two-way 2.4G radio communication, fully compatible with ST-E3-RT/600EX-RT**

- 15 Physical Channels, 1 Auto Channel, Up to 10,000 customizable photographer ID

- **Transmission Range: 100M**

- Multi YN-E3-RT can share slave flashes

- Display group/charge status of slave flashes

- **Firmware can be upgraded via USB**

- High resolution Dot-Matrix LCD, Backlight for LCD/keys

- Fast lock mechanism

- **Built-in AF assist beam emitter**, buzzer

- Remote shutter release, Linked Shot (Need extra shutter cable for cameras released before 2012)

- **Flash Mode: ETTL/M/Multi/GR 4 flash modes**

- A/B/C/D/E 5 groups

- Supports 1st Curtain, **2nd Curtain (Only in M mode)**, High speed Sync

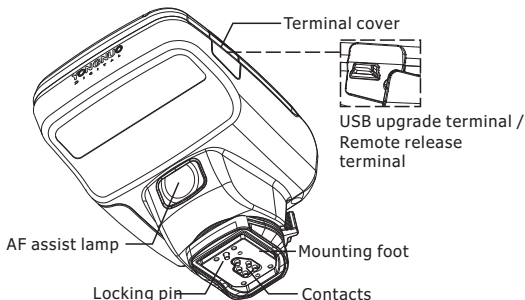
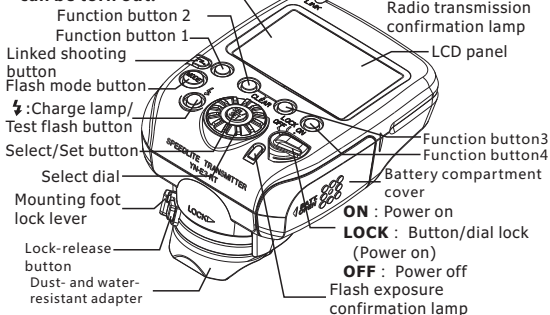
- Supports ETTL Ratio, Flash Exposure Compensation, Flash Exposure Lock, Flash Exposure Bracket, Modeling Flash

- 9 Custom Functions

- Settings saved automatically

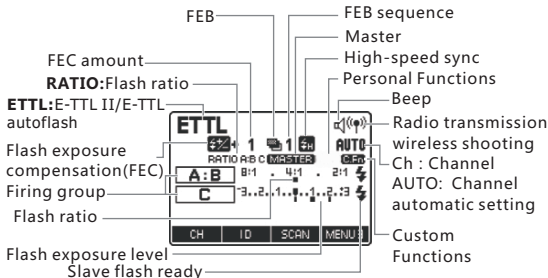
Nomenclature

※The protective flim can be torn out.

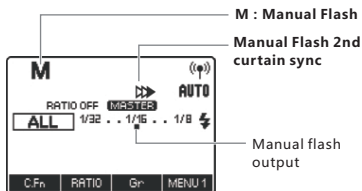


Nomenclature

E-TTL (II) Autoflash



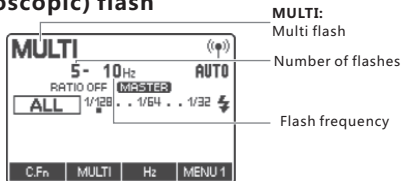
Manual flash



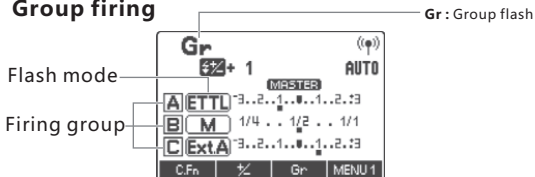
- The display will show only the settings currently applied.
- The functions displayed above function buttons 1 to 4, change according to the setting's status.
- When a button or dial is operated, the LCD panel illuminates.

Nomenclature

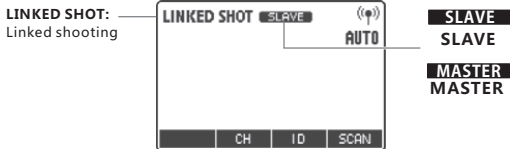
Multi(stroboscopic) flash



Group firing

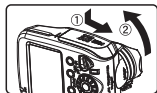


Linked shooting

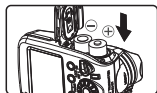


Preparation Before Use

1. Install two AA/LR6 batteries.



1. Open the cover: Slide the cover down as shown and open the battery compartment cover.



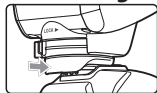
2. Install two AA batteries: Install two AA batteries according to the + and - marks, rechargeable batteries of 1.2V can be used.



3. Close the battery: Close the battery Compartment cover and slide it up.

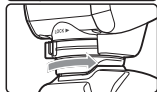
- **Remove the batteries when the product is not used for long time. Please replace the both two batteries at the same time.**
- **When  is displayed, replace the batteries with new ones.**

2. Attaching and Detaching the Transmitter



1. Attach the transmitter.

Slip the transmitter's mounting foot all the way into the camera's hot shoe.



2. Secure the transmitter.

On the mounting foot, slide the lock lever to the right. When the lock lever clicks in place, it will be locked.



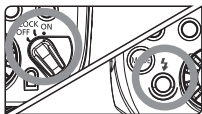
3. Detach the transmitter.

While pressing the lock-release button, slide the lock lever to the left and detach the transmitter.

- **Before attaching or detaching the transmitter, be sure to turn the transmitter power off.**

Preparation Before Use

3. Turning on the Power: Set the power switch to <ON>.



- The LCD panel illuminates.
- The charge lamp lights when the wireless shooting (slave) is ready.
- During wireless shooting, press the transmitter's charge lamp (test flash button) to fire a test flash.

About Auto Power Off

To save battery power, the power will turn off automatically after 5 min. of idle use. To turn on the transmitter again, press the camera's shutter button halfway, or press the test flash button (charge lamp).

About the Lock Function

By setting the power switch to <LOCK>, you can disable flash's button and dial operations. Use this to prevent the transmitter function settings from being accidentally changed after you set them.

If you operate a button or dial, <LOCKED> is displayed on the LCD panel .

About the LCD Panel Illumination

When a button or dial is operated, the LCD panel illuminates in green for 12 sec. When setting a function, the illumination continues until the setting is complete.

- **The transmitter settings are stored even when the power is turned off.**
- **You can fire a test flash even when the power switch is set to the <LOCK> position. Also, when a button or dial is operated, the LCD panel illuminates.**

Wireless Flash Shooting

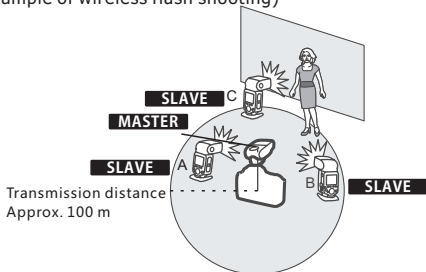
Using a transmitter and a Speedlite compatible with radio transmission wireless shooting makes it easy to shoot with advanced wireless multiple flash lighting, in the same way as normal **E-TTL II/E-TTL** autoflash shooting.

The system is designed so that the settings of the transmitter attached to the camera (master) are automatically reflected on the Speedlite that is wirelessly controlled (slave). Therefore, you do not need to operate the slave unit while shooting.

The basic relative positions and operating range are as shown in the figure. You can then perform wireless **E-TTL II/E-TTL** autoflash shooting just by setting the master unit to **<ETTL>**.

Positioning and Operation Range

(Example of wireless flash shooting)



- Before shooting, perform a test flash (p.10) and test shooting.
- The transmission distance may be shorter depending on the conditions such as the positioning of slave units, the surrounding environment and weather conditions.

Wireless Settings

To avoid interference, Set the same channel and ID for both the master unit and slave unit.

Set a flash that is compatible with radio transmission wireless flash shooting as the slave unit. **For the slave unit settings, see the flash's instruction manual.**

Setting the Master Unit Transmission Channel / Wireless Radio ID.

1. Display < MENU3 >.

- Press function button 4 to display < MENU3 >.

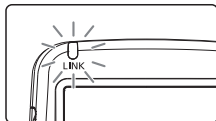
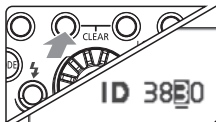
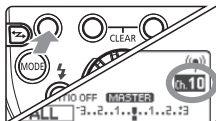
2. Set a channel.

- Press function button 1 < CH >.
- Turn <  > to select "AUTO" or a channel from Ch. 1 to 15, and press the <  > button.

3. Set a wireless radio ID.

- Press function button 2 < ID >.
- Turn <  > to select the position(digit) or number to set, and press the <  > button.
- Press function button 4 <  > to return to the shooting-ready state.

➤ When transmission between the master unit and slave unit is established, the < LINK > lamp is lit in green. (Refer to page 28)

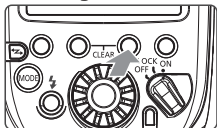


Wireless Settings

• Scanning the Master Unit Transmission Channels to Set

You can scan the radio reception status and set the master unit's transmission channel automatically or manually. When the channel is set to "AUTO", the channel with the best reception signal is automatically set. When setting the channel manually, you can set the transmission channel again while referring to the scan results.

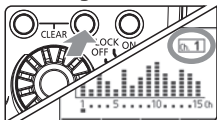
Scanning while "AUTO" is set



Run the scan.

- Press function button 4 to display **< MENU3 >**.
- Press function button 3 **< SCAN >**.
 - The channel is reset to one with a good reception signal.

Scanning while Ch. 1 to 15 is set

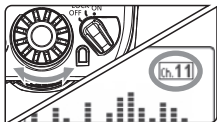


1.Run the scan.

- Press function button 4 to display **< MENU3 >**.
- Press function button 3 **< SCAN >**.
- The radio reception status is displayed in a graph.
 - The higher the peak of the channel in the graph, the better the radio reception signal.

2.Set a channel.

- Turn  to select a channel from Ch1 to 15.
- Press the  button to set the channel and return to the shooting ready state.



ETTL:Fully Automatic Wireless Flash Shooting

1.Set the flash as the slave unit A, B or C . The flash will not fire if it is set to D or E.

2.Set the same channel and ID of the master unit and slave unit .(p.8)

3.Position the camera and the flash.(p.7)

4.Press the <MODE> button on the master unit and set the flash mode to <ETTL>.

- The slave unit is set automatically to <ETTL> during shooting via the control from the master unit.

5.Check the transmission status and that the flash is ready.

- Check that the <LINK> lamp is lit in green.

- Check that the <⚡> slave flash-ready icon is lit on the master unit's LCD panel.

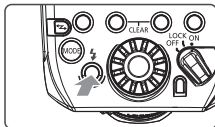
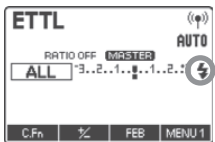
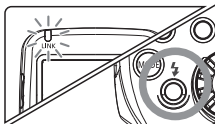
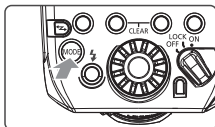
- When the recycling of all the flash units is completed, the master unit's charge lamp lights.

6.Check the operation.

- Press the master unit's test flash button (charge lamp). The slave unit flashes.

7.Take the picture.

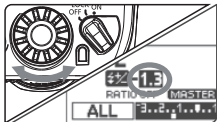
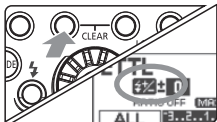
- If a standard flash exposure was obtained, the flash exposure confirmation lamp lights for 3 sec.



ETTL:Fully Automatic Wireless Flash Shooting

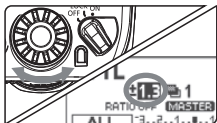
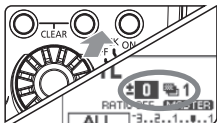
Support 1/3-stop increments to set FEC/FEB within ± 3 .

FEC (Flash Exposure Compensation)



1. Press function button 4 to display **< MENU1 >**. Press function button 2 **< FEC >**. **< FEC >** is displayed and the FEC amount is highlighted.
 2. Turn **< [] >** to set the flash exposure compensation amount, and press **< [] >**. The FEC amount is set.
- **To cancel FEC, return the amount to "±0".**

FEB (Flash Exposure Bracketing)

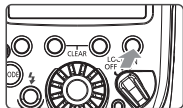


1. Press function button 4 to display **< MENU1 >**. Press function button 3 **< FEB >**. **< FEB >** is displayed and the FEB level display is highlighted.
 2. Turn **< [] >** to set the FEB level, and press **< [] >**. The FEB level is set.
- **When used together with flash exposure compensation, FEB shooting is performed based on the flash exposure compensation amount.**

ETTL:Fully Automatic Wireless Flash Shooting ■

High-speed Sync

With the high-speed sync function, the flash can synchronize with all shutter speeds. This is convenient when you want to use aperture-priority AE for fill-flash portraits of a subject.



1.Display < MENU4 >.

Press function button 4 to display < MENU4 >.



2.Display < >.

- Press function button 2 < SYNC > to display < >.
- Check that < > is lit in the viewfinder.

FEL : FE Lock

FE (Flash Exposure) lock locks the correct flash exposure setting for any part of the scene.

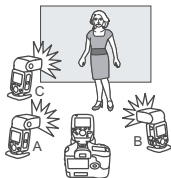
Perform FE lock by operating the camera. For the operations, see the camera and flash's instruction manual.

About Master Units

You can use two or more master units (master units + slave units =maximum of 16 units). By preparing multiple cameras with master units attached, you can shoot by changing cameras while keeping the same lighting (slave units).

Note that when using two or more master units, the color of the <LINK> lamp varies depending on the order in which the power was turned on. The first master (main master) is green and the second and subsequent masters (sub-masters) are orange.

ETTL: Wireless Multiple Flash Shooting with Flash Ratio



The exposure is controlled automatically so that the total flash output of firing groups results in the standard exposure.

1. Set the firing group of the slave units.

- Operate and set the slave units one by one.

2. Press the master unit's function button 4 to display

< **MENU2** >.

3. Press function button 2

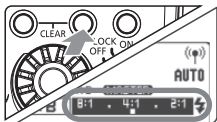
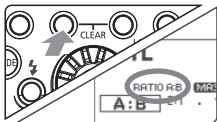
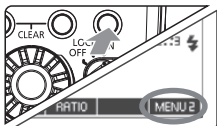
< **RATIO** > and set to < **A:B** > or < **A:BC** >.

4. Set the flash ratio. Press function button 3 < **Gr** >.

- Press function button 3 < **A:B** > or < **C** >.
- Turn <  > to set the flash ratio or the flash exposure, and press the <  > button.
- Press function button 4 < **↩** > to return to the shooting-ready state.

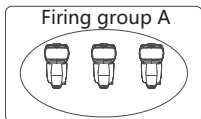
5. Take the picture.

The slave units flash at the set flash ratio.



ETTL: Wireless Multiple Flash Shooting with Flash Ratio ■

Slave Group Control



If you need more flash output or wish to perform more sophisticated lighting, you can increase the number of slave units.

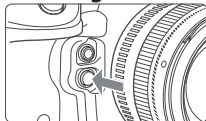
Simply set an additional slave unit to the firing group (A, B or C) whose flash output you want to increase. You can increase the number of slave units up to 15 units in total.

For example, if you set a firing group with three slave units to <A>, the three units are controlled as a single firing group A with a large flash output.

- To fire the three firing groups A, B and C at the same time, set <A:B:C>. With the < A:B > setting, firing group C does not fire.
- If you shoot with firing group C pointing directly toward the main subject, overexposure may result.
- The flash ratio of 8:1 to 1:1 to 1:8 is equivalent to 3:1 to 1:1 to 1:3 (1/2-stop increments) when converted to number of stops.
- The details of the flash ratio settings are as follows.

8:1 4:1 2:1 1:1 1:2 1:4 1:8
5.6:1 2.8:1 1.4:1 1:1.4 1:2.8 1:5.6

Modeling Flash

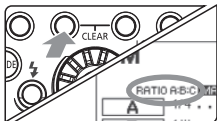


Modeling Flash from a Master Unit

- Press the depth-of-field preview button on the camera.
- The flash fires continuously for 1 sec.

M: Wireless Multiple Flash Shooting with Manual Flash Output

This describes wireless (multiple flash) shooting using manual flash. You can shoot with a different flash output setting for each slave unit (firing group). Set all parameters on the master unit.



1. Set the flash mode to <M>.

2. Set the number of firing groups.

- While < **MENU1** > is displayed, press function button 2 < **RATIO** > and set the groups to fire.
- The setting changes as follows each time you press the button:

ALL (< **RATIO OFF** >) →

A/B (< **RATIO A:B** >) →

A/B/C (< **RATIO A:B:C** >)

3. Select a firing group.

- Press function button 3 < **Gr** > ,
- turn <  > and select the group for which you want to set the flash output.

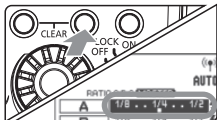
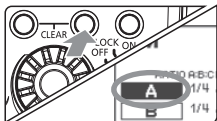
4. Set the flash output.

- Press function button 3 <  > .
- Turn <  > to set the flash output, and press the <  > button.
- Repeat steps 3 and 4 to set the flash output of all groups.

5. Take the picture.

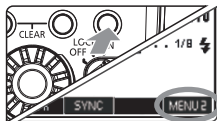
- Each group fires at the set flash output.

- When ALL < **RATIO OFF** > is set, set A, B or C as the firing group for the slave units. The flash will not fire if it is set to D or E.
- To fire multiple slave units with the same flash output, select ALL < **RATIO OFF** > in step 2.



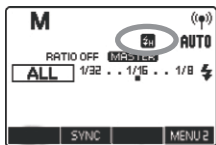
M:The shutter sync of manual flash setting

You can use 1st curtain Sync, high-speed Sync, or 2nd curtain sync in manual flash.



1.Display < MENU2 >.

Press function button 4 to display < MENU2 >.



2.Shutter Sync setting

While < MENU2 > is displayed, press function button 2 < SYNC > and set the shutter sync.

- The setting changes as follows each time you press the button:

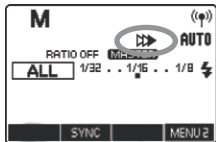


:High-speed Sync



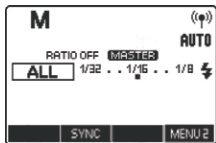
:2nd Curtain Sync

(no icon):1st Curtain Sync



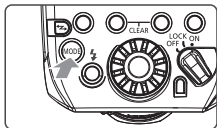
- The 2nd curtain sync can be used in manual flash only.

- When using the 2nd curtain sync, wireless settings and other parameters recommend using the speedlite transmitter settings.



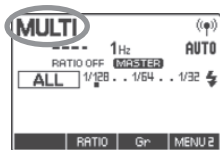
MULTI: Stroboscopic Flash

In stroboscopic flash, set the flash output, number of flashes, and flash frequency (number of flashes per second = Hz).



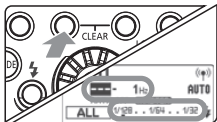
1. Set the flash mode to <MULTI>.

- Press the <MODE> button on the master unit and set to <MULTI>.



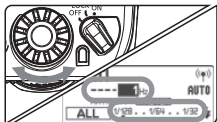
2. Set the firing groups and the flash output.

- Set the number of firing groups and the flash output for each group by referring to the manual flash on the preceding page.

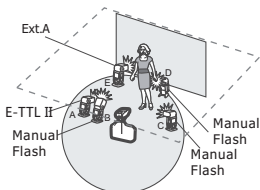


3. Set the flash frequency and the number of flashes.

- While < MENU1 > is displayed, perform the following procedure.
- To set the number of flashes, press function button 2 < MULTI >, turn <  > and select <  >.
- To set the flash frequency, press function button 3 < Hz >, turn <  > and select <  >.

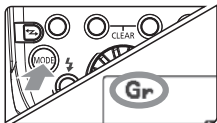


Gr: Shooting with a Different Flash Mode for Each Group



*** The flash mode settings are indicated only as an example.**

- You can shoot with a different flash mode set for each firing group, with up to 5 groups (A/B/C/D/E).
- The flash modes that can be set are E-TTL II/E-TTL autoflash, Manual flash and Auto external flash metering.
- This function is for advanced users who are very knowledgeable and experienced in lighting.



1. Set the flash mode to <Gr>.

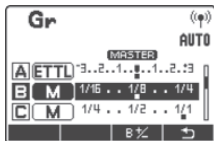
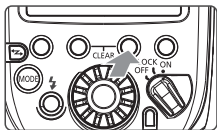
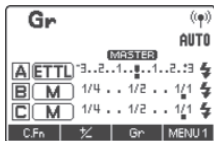
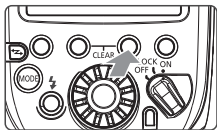
- Press the <mode> button on the master unit and set the flash mode to <Gr>.

2. Set the firing group on the slave units.

- Operate and set the slave units one by one.
- Set a firing group (A/B/C/D/E) for all the slave units.

• When using the <Gr> flash mode of the camera released from 2007 to 2011, all the parameters should be set up through the speedlite transmitter.

Gr: Shooting with a Different Flash Mode for Each Group



3. Set the flash mode of each firing group by operating the master unit.

- While **< MENU1 >** is displayed, press function button 3 **< Gr >** and turn **< [Globe Icon] >** to select the group.
- Press function button 2 **< *MODE >** and select the flash mode of the selected group from **< E-TTL >**, **< M >** and **< Ext.A >**.
- To turn the firing of the selected group off, press function button 1 **< ON/OFF >** to set it to **< OFF >**.

4. Set the flash output or flash exposure compensation amount.

- While a firing group is selected, press function button 3 **< *1/2 >**.
- Turn **< [Globe Icon] >** to set the flash function corresponding to the flash mode, and press **< [Globe Icon] >**.
- When using the **< M >** mode, set the flash output. When using the **< E-TTL >** or **< Ext.A >** mode, set the flash exposure compensation amount as required.
- If you press function button 2 **< MENU1 >** when **< 1/2 >** is displayed, flash exposure compensation can be set for all the firing groups.

Remote Release from a Slave Unit/Linked Shooting

Remote Release from a Slave Unit*

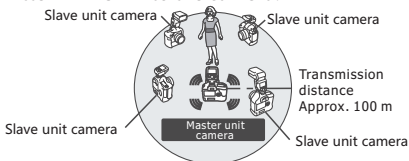


You can perform remote release (remote control shooting) from a flash set as a slave unit. (see the flash's instruction manual).

Linked shooting*

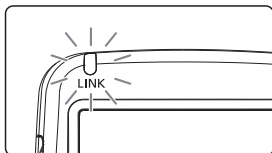
Linked shooting is a function that automatically releases the shutter of a slave unit camera by linking it to a master unit camera. You can shoot with linked shooting for up to 16 units, including both master units and slave units. This is convenient when you want to shoot a subject from multiple angles at the same time.

To shoot with linked shooting, attach a flash that supports radio transmission wireless shooting or the Speedlite Transmitter YN-E3-RT to the camera.



***When using the function with the cameras released until 2011, it needs the shutter release cable LS-MINIB/C3 or LS-MINIB/C1(sold separately). As for the EOS digital cameras(such as EOS-1D X) released after 2012, it does not need the shutter release cable.**

Linked Shooting



1. Set to linked shooting mode.

- Press the <  > button continuously until < **LINKSHOT** > is displayed on the LCD panel. Linked shooting mode's "Slave unit" is set.
- Press the <  > button again to set "Master unit" of the linked shooting mode.

2. Set the channel and ID.

3. Set the camera's shooting functions.

4. Set all the transmitters or flash.

- Repeat steps 1 to 3 and set all the transmitters or flashes to "Master unit" or "Slave unit" in the linked shooting mode.
- When pressing the <  > button to change the setting of a unit from "Slave unit" to "Master unit," the other transmitters (or Speedlites) that were set to "Master unit" until then automatically switch to "Slave unit" .

5. Set up the slave unit cameras.

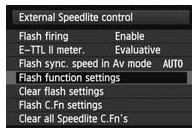
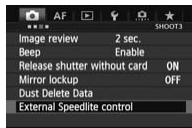
- Check that the < **LINK** > lamp of the slave unit is lit in green.

6. Take the picture.

- Check that the < **LINK** > lamp of the master unit is lit in green and take the picture.
- The slave unit cameras are released in coordination with the master unit camera.
- After shooting with linked shooting, the < **LINK** > lamp of the slave unit is briefly lit in orange.

Transmitter Control from Camera's Menu Screen

When using EOS digital cameras released since 2007, you can set flash functions, transmitter functions or Custom Functions from the camera's menu screen. See the camera's instruction manual.



1. Select [External Speedlite control].

- Select [External Speedlite control] or [Flash control].

2. Select [Flash function settings].

- Select [Flash function settings] or [External flash func. setting].
- The screen changes to the (external) flash function settings screen.

3. Set the function.

- The setting screen varies depending on the camera.
- Select an item and set the

Settings Available in [Flash function settings]

EOS digital cameras released since 2012

When using the transmitter with cameras such as EOS-1D X, you can set the functions for "Radio transmission wireless shooting" in the [Flash function settings] screen.

EOS digital cameras released from 2007 to 2011

When performing "Radio transmission wireless shooting", set the functions by operating the transmitter.

Transmitter Control from Camera's Menu Screen

E-TTL II flash metering

For normal exposures, set it to [Evaluative]. If [Average] is set, the flash exposure will be averaged for the entire scene metered by the camera. Flash exposure compensation may be necessary depending on the scene. This setting is for advanced users.

Flash synchronization speed in Av mode

You can set the flash sync speed when performing wireless flash shooting in aperture-priority AE (**AV**) mode.

Flash mode

You can select the flash mode from [E-TTL II], [Manual flash], [MULTI flash] and [Individual group control] to suit your desired flash shooting.

Shutter synchronization

You can select the flash firing timing/method from [1st curtain] and [High-speed synchronization]. To perform normal wireless flash shooting, set it to [1st curtain].

Flash exposure compensation

In the same way as normal exposure compensation, you can set exposure compensation for flash. The flash exposure compensation amount can be set up to ± 3 stops in 1/3-stop increments.

FEB

You can take three shots while automatically changing the flash output. The settable range is up to ± 3 stops in 1/3-stop increments.

Wireless flash functions (setting)

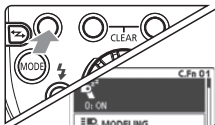
Radio transmission wireless flash shooting is set automatically.

Clear Speedlite (function) settings

You can return the transmitter settings to their default settings.

C.Fn/P.Fn: Setting Custom and Personal Functions

You can customize the transmitter features to suit your shooting preferences with Custom Functions and Personal Functions.



1. Display the Custom Functions screen.

- Short press function button 1 < **C/P.Fn** > The Custom Functions screen is displayed.

- Long press function button 1 < **C/P.Fn** > The Personal Functions screen is displayed.

2. Select an item to set.

- Turn <  > to select an item (number) to set.

3. Change the setting.

- Press the <  > button, The setting is displayed. Turn <  > to select the setting that you want, and press the <  > button.

- Press function button 4 <  > to return to the shooting-ready state.

Transmitter C.Fn Settings From Camera's Menu Screen

1. Select [Flash C.Fn settings] or [External flash C.Fn setting].
2. Select the Custom Function number and set the function.

- The displayed contents vary depending on the camera.

- If C.Fn-20 and 22 are not displayed, set them by operating the transmitter. For the Custom Functions, see pages 26 to 27.

External Speedlite control

Flash firing	Enable
E-TTL II meter.	Evaluative
Flash sync. speed in Av mode	AUTO
Flash function settings	
Clear flash settings	
Flash C.Fn settings	
Clear all Speedlite C.Fn's	

P.Fn: Setting Personal Functions

P.Fn-21: Legacy Trigger (Single-contact trigger function)

With this function, this YN-E3-RT is more compatible with non-Canon cameras trigger with its single contact on the hot shoe. Only "M" mode supported.

0: ON (Enabled)

1: OFF (Disabled)

- Only when the non-Canon cameras work abnormally with legacy trigger function, set P.Fn-21 as "ON" ; when use a Canon camera, please set P.Fn-21 as "OFF" .

- Press TEST button to test the flash every time the flash output is adjusted manually.



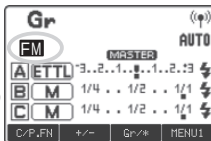
P.Fn-22: Free Mask Group (Quickly set background flash groups)

Quickly enable/disable the flash group which is used as background flash in Gr mode.

0: D/E (quickly enable D/E group)

1: C/D/E (quickly enable C/D/E group)

2: B/C/D/E (quickly enable B/C/D/E group)



For example: set as 0:D/E from P.FN22 Free Mask Group, in Gr mode, long press < **Gr/*** > button, the display screen shows "FM" , at this moment, only D/E group at the receiving group responds and flashes, A/B/C won't flash. This function is suitable for quickly controlling the background flash groups when shooting. Long press < **Gr/*** > again to return to normal.

- The above functions correspond to the firmware program since V1.19.

C.Fn: Setting Custom Functions

C.Fn-01: (Auto power off)

When the transmitter is not operated for 5 min., the power turns off automatically to save energy. You can disable this function.

0: ON (Enabled)

1: OFF (Disabled)

C.Fn-02: MODELING (Modeling flash)

0:  (Enabled (Depth-of-field preview button))

Press the camera's depth-of-field preview button to fire the modeling flash.

1:  (Enabled (Test firing button))

Press the transmitter's test flash button to fire the modeling flash.

2:  /  (Enabled (with both buttons))

Press the camera's depth-of-field preview button or the transmitter's test flash button to fire the modeling flash.

3: OFF (Disabled)

Disables the modeling flash.

C.Fn-03: AUTO CANCEL (FEB auto cancel)

You can set whether or not to cancel FEB automatically after shooting three shots with FEB.

0: ON (Enabled)

1: OFF (Disabled)

C.Fn-04: (FEB sequence)

You can change the order of the FEB sequence, 0: Standard exposure, -: Decreased exposure (darker) and +: Increased exposure (brighter).

0: 0 → - → +

1: - → 0 → +

C.Fn: Setting Custom Functions

C.Fn-07: TEST (Test firing with autoflash)

You can change the flash output when firing the test flash in E-TTL II/E-TTL autoflash mode.

0: 1/32 (1/32)

1: 1/1 (Full output)

C.Fn-08: AF (AF-assist beam firing)

0: ON (Enabled)

1: OFF(Disabled) The AF-assist beam is not fired from the speedlite transmitter

C.Fn-13: (Flash exposure metering setting)

0:  +  (Speedlite button and dial)

1:  (Speedlite dial only)

You can perform flash exposure compensation by directly turning <  >, without pressing the <  > button.

C.Fn-20: (Beep)

You can enable a beep to sound when the slave units are fully charged.

0: OFF (Disabled)

1: ON (Enabled)

C.Fn-22: (LCD panel illumination)

When a button or dial is operated, the LCD panel illuminates. You can change this illumination setting.

0: 12sec (On for 12 sec.)

1: OFF (Disable panel illumination)

2: ON (Illumination always on)

Reference

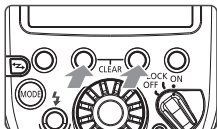
About the <LINK> Lamp

The color of the <LINK> lamp changes depending on the transmission status of the master unit and the slave unit.

Color	Status	Description	Action
Green	Lit	Transmission OK	—
Red	Lit	Not connected	Check the channel and ID
	Blinking	Too many units	Master units + slave units = 16 units or less
		Error	Turn the power off and on again

- If the transmission channels of the master unit and slave unit are
- different, the slave unit does not fire. Set both to the same number, or set both to "AUTO".

Clearing Transmitter Settings

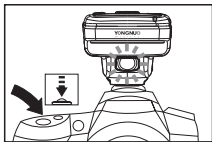


Press function buttons 2 and 3 simultaneously for 2 seconds or longer. The transmitter settings are cleared and the shooting mode returns to <ETTL> flash mode.

Reference

AF Assist Beam Emitter

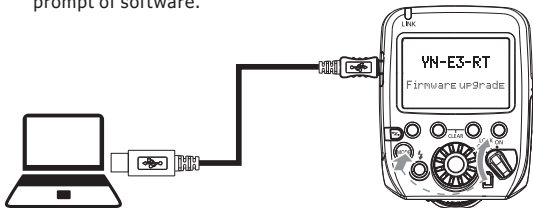
When using AF under low-light, the built-in AF-assist beam emitter of the speedlite transmitter will be emitted automatically to make it easier to autofocus.



- **It needs using single autofocus for the lens.**
- **Enable or disable the AF assist Beam Emitter function through the camera menu custom function (P.24) or speedlite transmitter custom function (P. 25)(C.Fn8).**

Firmware Update

- 1.Log in the YONGNUO official website (www.hkyongnuo.com) to download the firmware update software and the latest firmware.
- 2.Power off, use USB-MINIB cable connect to PC.
- 3.Press the <MODE> button and set the power switch to <ON>, the screen will enter into firmware upgrade interface.
- 4.Complete the firmware upgrade operation according to the prompt of software.



Troubleshooting Guide

Power does not turn on.

- Make sure that the batteries are installed in the correct orientation.
- Insert the mounting foot into the camera's hot shoe all the way, slide the lock lever to the right, and secure the transmitter to the camera .
- If the electrical contacts of the transmitter and camera are dirty, clean the contacts.
- The charge lamp lights when the wireless shooting (slave) is ready.

The power turns off by itself.

- The transmitter' s auto power off function has activated. Press the shutter button halfway, or press the test flash button .

The slave unit does not fire.

- Check that the slave unit supports radio transmission wireless flash shooting.
- Set the slave unit to <  > < **SLAVE** >.
- Set the transmission channels and wireless radio IDs of the master unit and slave unit to the same numbers.
- Check that the slave unit is within the transmission range of the master unit.

Unable to use the AF assist beam emitter.

- Check the custom function C.Fn08.

Firmware update failed or the screen display the firmware upgrade interface all along.

- Disconnect, restart the equipment and try again.

The screen displays "ERROR: 2001"

- Try upgrade the firmware again.

Troubleshooting Guide

The picture is underexposed or overexposed.

- If there was a highly reflective object (glass window, etc.) in the picture, use FE lock).
- If the subject looks very dark or very bright, set flash exposure compensation.
- When high-speed sync is set, the effective flash range is shorter.

Position the slave unit closer to the subject.

- When using autoflash shooting with three firing groups A, B and C, do not fire with firing group C pointed toward the main subject.
- When shooting with a different flash mode setting for each firing group, do not fire with multiple firing groups set to <ETTL> or <Ext.A> pointed toward the main subject .

The picture is very blurred.

- When the shooting mode is set to <AV> and the scene is dark, slow sync is enabled automatically (the shutter speed becomes slower). Use a tripod, or set the shooting mode to <P> or fully automatic mode. Note that you can also set the sync speed in [**Flash sync. speed in Av mode**]

Cannot release from a slave unit.

- When an EOS camera which was released up to 2011, has remote control terminal and is compatible with E-TTL II/E-TTL autoflash is used to perform remote release from a slave unit or when it has been set as the slave unit during linked shooting, the shutter release cable “LS-MINIB/C3 ” or “LS-MINIB/C1 ” (sold separately) is necessary.

Specifications

Type:	On-camera Speedlite transmitter
Compatible cameras:	EOS type-A camera compatible with E-TTL II/E-TTL autoflash
Exposure control system:	E-TTL II/E-TTL autoflash, manual flash, stroboscopic flash, auto external flash metering* *Only when the flash mode is set to <Gr>
Frequency:	2405 - 2475 MHz
Modulation system:	Primary modulation: OQPSK, secondary modulation: DS-SS
Channel:	Auto, Ch. 1 - 15
Wireless radio ID:	0000 - 9999
Slave unit control:	Up to 5 groups (A/B/C/D/E), up to 15 units
Transmission distance:	Approx. 100 m
Flash ratio control:	1:8 - 1:1 - 8:1, 1/2-stop increments
Flash exposure compensation:	±3 stops in 1/3- increments
FEB:	±3 stops in 1/3- increments (when used with flash exposure compensation)
FE lock:	Press the camera's <M-Fn>, <FEL> or <*> button
High-speed sync:	Provided
Manual flash:	1/1 - 1/128 power (1/3-stop increments)
Stroboscopic flash:	Provided (1 - 500 Hz)

Specifications

Slave flash battery check:	On the master unit's LCD panel, the <  > icon lights, the slave unit's AF-assist beam emitter blinks and the charge lamp lights.
Flash exposure confirmation:	Flash exposure confirmation lamp lights
Modeling flash:	Fired with camera's depth-of-field preview button
Linked shooting:	Provided
Custom Functions:	9
AF assist Beam Emitter :	Provided
Firmware update :	Provided
Power source:	2 AA/LR6 alkaline batteries Ni-MH batteries
Wireless flash shooting time	Approx. time:10 continuous hours* *When using AA/LR6 alkaline batteries
Power saving:	Power off after 5 min. of idle operation
Dimensions:	Approx. 67.7 (W) x 66.7 (H) x 81.3 (D) mm
Weight:	Approx. 110 g (transmitter only, excluding batteries)

The functions of this user manual are based on test conditions of our company. Further notice will not be given if the design and specifications change.

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阅读本使用说明书的同时还请参阅相机和闪光灯的使用说明书。

开始使用本信号发射器之前，阅读本使用说明书以及相机和闪光灯的使用说明书以熟悉操作。

首先感谢您选购永诺产品。

永诺闪光灯信号发射器YN-E3-RT是无线闪光拍摄用信号发射器。最多可以控制5组（15个单元）具有使用无线电传输进行无线多重闪光拍摄功能的闪光灯。信号发射器还具有等同于EOS-1D系列相机的防尘和防水滴性能。

- **双向2.4G无线电通讯，全面兼容原厂ST-E3-RT/600EX-RT无线信号**

- 15个物理频道，1个自动频道，多达10000个可设置的摄影师ID，专业场合也无干扰

- **最远通讯距离超过100米**

- 多个YN-E3-RT可共享使用相同的离机闪光灯

- 可显示离机闪光灯分组、回电信息

- **可通过USB口升级固件**

- 高分辨率点阵LCD屏幕，背光按键

- 防尘防水快速锁定结构

- **内置辅助对焦灯、蜂鸣器**

- 无线快门控制、联机拍摄*（2012以前上市机身需另购快门线）

- **ETTL/M/Multi/GR 4种闪光模式**

- A/B/C/D/E五个闪光分组

- 最多可控制15个离机闪光灯

- 支持前帘同步、**后帘同步（M模式）**、高速同步

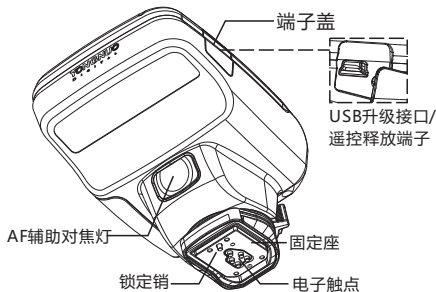
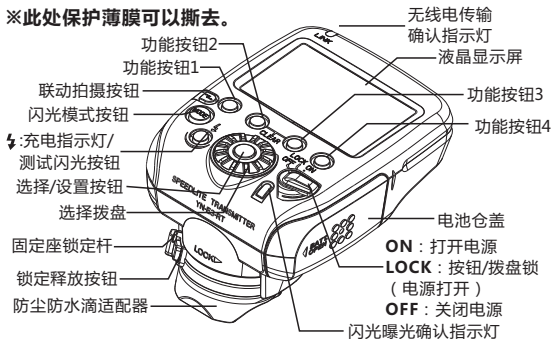
- 支持ETTL光比、曝光补偿、曝光锁定、曝光包围、造型闪光

- 9项自定义功能

- 设置自动保存

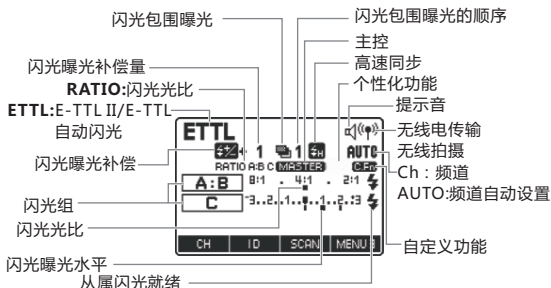
部件名称

※此处保护薄膜可以撕去。

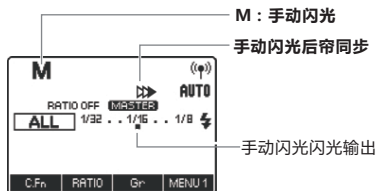


部件名称

E-TTL (II) 自动闪光

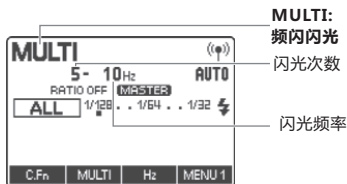


手动闪光

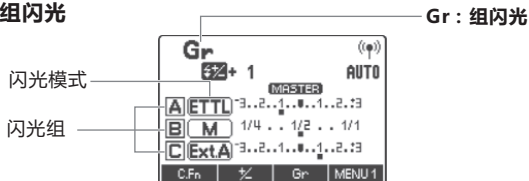


- 显示屏将只显示当前应用的设置。
- 在功能按钮1至4上方显示的功能根据设置的状态发生变化。
- 当操作按钮或拨盘时，液晶显示屏点亮。

频闪闪光

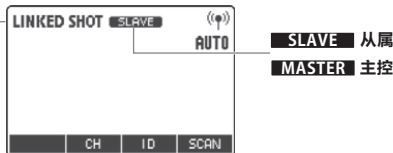


组闪光



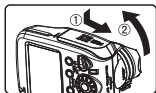
联动拍摄

LINKED SHOT
联动拍摄

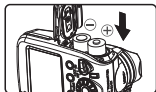


使用前准备

1. 安装两节AA (LR6) 电池



1. 打开电池仓:如图所示向下滑动并打开电池仓盖。



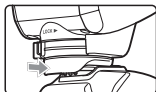
2. 安装电池:根据电池仓正负极方向安装两节AA电池 (不含) , 可以使用两节1.2V充电电池。



3. 关闭电池仓:关闭电池仓盖并向上滑动。

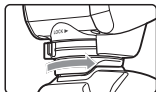
- 长期不使用产品请将电池取出。更换电池时, 请两节一起更换。
- 当屏幕显示<  >时, 请更换为新电池。

2. 安装和取下信号发射器



1. 安装信号发射器

将信号发射器固定座完全滑入相机的热靴插座。



2. 固定信号发射器

将固定座上的锁定杆滑动到右侧, 在锁定杆发出咔嚓声的位置, 信号发射器将被锁定。



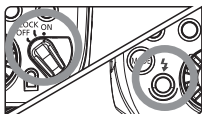
3. 取下信号发射器

按住锁定释放按钮的同时向左滑动锁定杆, 取下信号发射器。

- 安装或取下信号发射器之前, 请务必关闭信号发射器电源。

使用前准备

3. 打开电源: 将电源开关设为(ON)



- 液晶显示屏点亮。
- 当无线拍摄（从属）就绪时，充电指示灯点亮。
- 在无线拍摄期间，按信号发射器的充电指示灯（测试闪光按钮）进行测试闪光。

关于自动电源关闭

为节省电池电量，电源会在5分钟无操作后自动关闭。要再次打开信号发射器，半按相机的快门按钮，或者按测试闪光按钮（充电指示灯）。

关于锁定功能

通过将电源开关设为<LOCK>，可以关闭闪光灯的按钮和拨盘操作。使用此功能以防止设定信号发射器功能设置后意外地将其改变。如果操作按钮或拨盘，会在液晶显示屏上显示<LOCKED>。

关于液晶显示屏照明

当操作按钮或拨盘时，液晶显示屏以绿色点亮12秒。当设定功能时，照明持续到设定结束为止。

- 即使关闭电源，信号发射器设置也被保存。
- 即使在电源开关设在<LOCK>位置时，也可以进行测试闪光。此外，当操作按钮或拨盘时，液晶显示屏点亮。

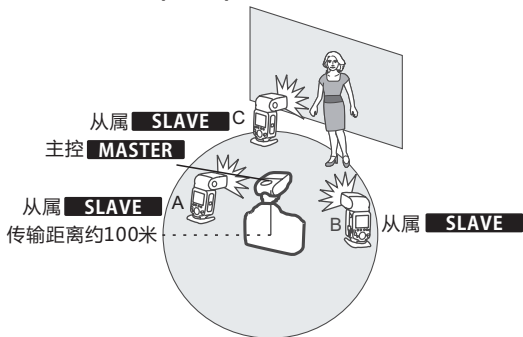
无线闪光拍摄

使用兼容无线电传输无线拍摄的信号发射器和闪光灯,可按照与普通**E-TTL II/E-TTL**自动闪光拍摄同样的方法,轻松利用高级无线多重闪光照明进行拍摄。

本系统设计为安装在相机上的信号发射器(主控)的设置会自动反映在受无线控制的闪光灯(从属)上。因此,在拍摄期间不需要操作从属单元。

基本相对位置和操作范围如图所示。然后只要将主控单元设定为**<ETTL>**就可以进行无线**E-TTL II/E-TTL**自动闪光拍摄。

定位和操作范围(示例)



- 开始拍摄前进行测试闪光(第10页)和试拍。
- 根据从属单元的位置、周围环境和天气状况等,传输距离可能更短。

无线设置

为避免干扰，为主控单元和从属单元设定相同的频道和ID。
将兼容无线电传输无线闪光拍摄的闪光灯设为从属单元，有关从属单元设置请参考闪光灯说明书。

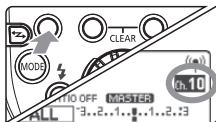
设定主控单元传输频道 / 无线无线电ID

1. 显示 < MENU3 >。

- 按功能按钮4以显示 < MENU3 >。

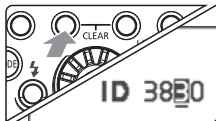
2. 设定频道。

- 按功能按钮1 < CH >。
- 转动 < 旋钮 > 选择AUTO或频道1-15, 按 < 确定 > 确定。

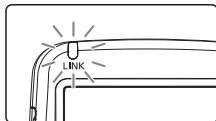


3. 设置无线电ID。

- 按功能按钮2 < ID >。
- 转动 < 旋钮 > 选择设定的位置或数字，按 < 确定 > 确定。
- 按功能按钮4 < 返回 > 返回拍摄状态。



➤ 当主控单元和从属单元之间建立传输时，< LINK > 指示灯以绿色点亮。关于LINK指示灯, 请参考第28页。

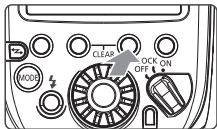


无线设置

• 扫描要设定的主控单元传输频道

可以扫描无线电接收状态并自动或手动设定主控单元的传输频道。当频道设为“AUTO”时，会自动设定接收信号的频道。当手动设定频道时，可以在参考扫描结果的同时重新设定传输

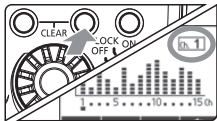
在设为“AUTO”期间扫描



进行扫描。

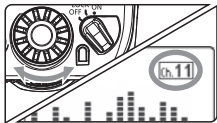
- 按功能按钮4以显示 < MENU3 >。
- 按功能按钮3 < SCAN >。
- 频道被重设为信号接收良好的频道。

在频道设为1至15期间扫描



1.进行扫描。

- 按功能按钮4以显示 < MENU3 >。
- 按功能按钮3 < SCAN >。
- 以图表显示无线电接收状态。
- 图表中的频道峰值越高，无线电接收信号越强。



2.设定频道。

- 转动 < 旋钮 > 从频道1至15中选择频道。
- 按 < 旋钮 > 按钮设定频道并返回拍摄就绪状态。

使用全自动无线闪光ETTL

1.将闪光灯设为从属单元，将闪光组设为A、B或C，如果设为D或E，闪光灯不会闪光。

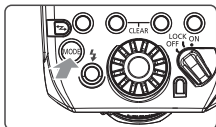


2.将主控单元和从属单元设置为相同的频道和ID。(第8页)

3.定位相机和闪光灯。(第7页)

4.按主控单元上的<MODE>按钮并将闪光模式设为<ETTL>。

• 在经由主控单元控制的拍摄期间，从属单元自动设为<ETTL>。

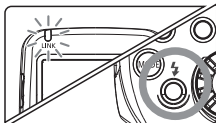


5.检查传输状态和闪光灯是否已就绪。

• 检查<LINK>指示灯以绿色点亮。

• 检查主控单元的液晶显示屏上的<⚡>从属闪光灯就绪图标是否点亮。

• 当所有闪光灯单元的回电完毕时，主控单元的充电指示灯点亮。

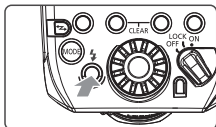
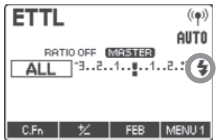


6.检查操作(测试闪光)。

• 按主控单元的测试闪光按钮（充电指示灯），从属单元闪光。

7.拍摄照片。

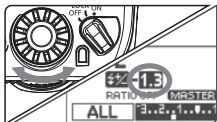
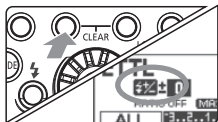
• 如果获得了标准的闪光曝光，闪光曝光确认指示灯将点亮3秒。



使用全自动无线闪光ETTL

可以在 ± 3 档间以1/3档为增量设定闪光曝光补偿或包围曝光。

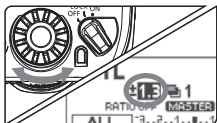
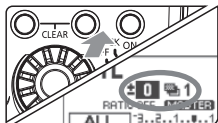
闪光曝光补偿



- 1.按功能按钮4以显示< **MENU1** >。按功能按钮2< **FLASH** > 显示< **FLASH** > 并且闪光曝光补偿量被突出显示。
- 2.转动< **DISP** > 设定闪光曝光补偿量并按下< **DISP** >。闪光曝光补偿量将被设定。

• 要取消闪光曝光补偿，将补偿量设回到“ ± 0 ”。

闪光包围曝光



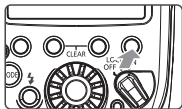
- 1.按功能按钮4以显示< **MENU1** >，按功能按钮3< **FEB** >，显示< **FEB** > 并且FEB水平显示被突出显示。
- 2.转动< **DISP** > 设定FEB水平并按下< **DISP** >，FEB水平将被设定。

• 当与闪光曝光补偿配合使用时，根据闪光曝光补偿量进行FEB拍摄。在信号发射器和相机上均设有闪光曝光补偿时，优先信号发射器设置。

使用全自动无线闪光ETTL

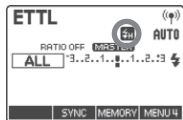
高速同步

使用高速同步功能，可以在所有快门速度下同步闪光。高速同步在想要使用光圈优先自动曝光对人像被摄体进行填充闪光时较为方便。



1. 显示 < MENU4 >。

- 按功能按钮4以显示 < MENU4 >。



2. 显示 < 闪电H >。

- 按功能按钮2 < SYNC > 以显示 < 闪电H >。
- 检查取景器中的 < 闪电H > 是否点亮。

FEL：闪光曝光锁

使用FE（闪光曝光）锁，您可以为场景的各个部分锁定正确的闪光曝光设置。

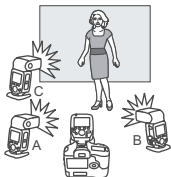
通过操作相机执行闪光曝光锁。有关操作，请参见相机和闪光灯的使用说明书。

关于主控单元

可以使用两个或以上主控单元（主控单元 + 从属单元 = 最多16个单元）。通过准备多台装有主控单元的相机，可以在保持相同照明（从属单元）期间更换相机进行拍摄。

请注意当使用两个或以上主控单元时，< LINK > 指示灯的颜色根据打开电源的顺序而有所不同。第一个主控（主主控）为绿色，第二个和之后的主控（副主控）为橙色。

ETTL:使用闪光光比的无线多重闪光拍摄



自动控制曝光以使闪光组的总闪光输出达到标准曝光。

1. 设定从属单元的闪光组。

- 逐一操作和设定从属单元。

2. 按主控单元的功能按钮4 以显示 < MENU2 >。

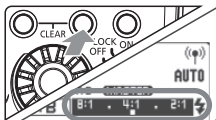
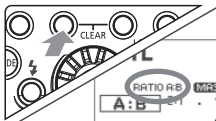
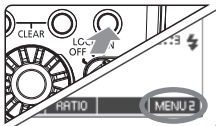
3. 按功能按钮2 < RATIO > 并设为 < RATIO A:B > 或 < A:BC >。

4. 设定闪光光比。

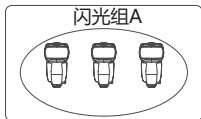
- 按功能按钮3 < Gr >。
- 按功能按钮3 < A:B +/- > 或 < C +/- >。
- 转动 < 太阳图标 > 设定闪光光比或曝光补偿并按 < 太阳图标 > 按钮。
- 按功能按钮4 < 返回图标 > 以返回拍摄就绪状态。

5. 拍摄照片。

从属单元以设定的闪光光比闪光。



从属组控制



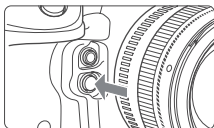
如果需要更大的闪光输出或希望进行更完善的照明，可以增加从属单元数量。只需在想要增加闪光输出的闪光组（A、B或C）中设定更多的从属单元。可以将从属单元数量增加到最多合计15个单元。

例如，如果将具有3个从属单元的闪光组设为<A>，3个单元被作为具有较大闪光输出的单个闪光组A控制。

- 要让三个闪光组A、B和C同时闪光，设定<A:B C>。在<A:B>设置下，闪光组C不闪光。
- 如果在闪光组C直接朝向主被摄体的状态下拍摄，可能会导致曝光过度。
- 当换算为档数时，闪光光比8:1至1:1至1:8相当于3:1至1:1至1:3（1/2档增量）。
- 闪光光比设置的详细说明如下。

8:1 4:1 2:1 1:1 1:2 1:4 1:8
5.6:1 2.8:1 1.4:1 1:1.4 1:2.8 1:5.6

造型闪光

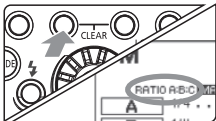


从主控单元进行造型闪光

- 按相机上的景深预览按钮。
- 闪光灯连续闪光1秒钟。

M:使用手动闪光输出的无线多重闪光拍摄

本节说明使用手动闪光的无线（多重闪光）拍摄。可以为每个从属单元（闪光组）设定不同的闪光输出进行拍摄。在主导单元上设定所有参数。



1. 将闪光模式设为<M>。

2. 设定闪光组数量。

- 在显示< MENU1 >期间，按功能按钮2< **RATIO** >并设定要闪光的组。
- 每次按该按钮，设置变化如下：

ALL (RATIO OFF) →

A/B (RATIO A:B) →

A/B/C (RATIO A:B:C) 。

3. 选择闪光组

- 按功能按钮3< **Gr** >，转动<  >并选择想要设定闪光输出的组。

4. 设定闪光输出。

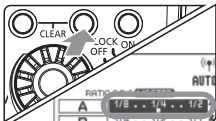
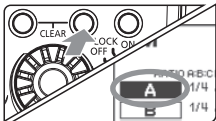
- 按功能按钮3< *** 1/4** >。转动<  >设定闪光输出并按<  >按钮。
- 重复步骤3和4为所有组设定闪光输出。

5 拍摄照片。

- 各组以设定的闪光输出闪光。

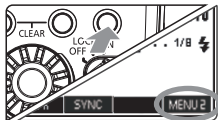
- 当设定了ALL <RATIO OFF>时，将从属单元的闪光组设为A、B或C。如果设为D或E，闪光灯不会闪光。

- 要让多个从属单元以相同的闪光输出闪光时，在步骤2中选择 ALL <RATIO OFF>。



M:设置手动闪光输出的快门同步闪光拍摄

可以设置手动闪光输出前帘、后帘、高速同步闪光拍摄。



1.显示< MENU2 >。

- 按功能按钮4以显示< MENU2 >

2.设定闪光同步

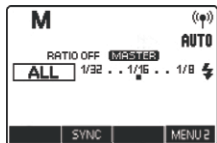
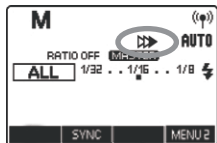
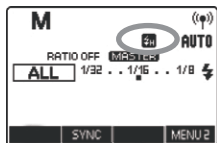
在显示< MENU2 >期间，按功能按钮2< SYNC >设定闪光同步模式。

- 每次按该按钮，设置变化如下：

 :高速同步

 :后帘同步

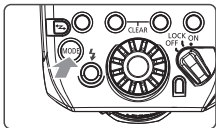
(无图标):前帘同步



- 后帘同步仅可在手动闪光中使用。
- 使用后帘同步时，无线设置等参数建议使用信号发射器设置。

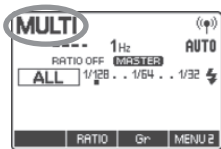
MULTI:使用频闪闪光

在频闪闪光模式下，设定闪光输出、闪光次数和闪光频率（每秒的闪光次数 = Hz）。



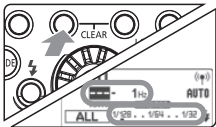
1. 将闪光模式设为<MULTI>。

- 按主控单元上的<MODE>按钮并设为<MULTI>。



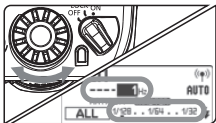
2. 设定闪光组和闪光输出。

- 参阅前一页上的手动闪光，设定闪光组数量和各组的闪光输出。



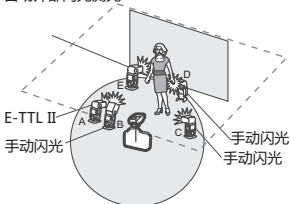
3. 设定闪光频率和闪光次数。

- 在显示< MENU1 >期间，执行下列步骤。
- 要设定闪光次数，按功能按钮2<MULTI>，转动< 1/128 >并选择< 1/32 >。
- 要设定闪光频率，按功能按钮3< Hz >，转动< 1/128 >并选择< 1/32 >。



Gr:为各组设定不同的闪光模式拍摄

自动外部闪光测光

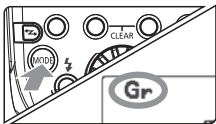


* 所示的闪光模式设置仅为示例。

- 可以为各闪光组（最多5个组（A/B/C/D/E）设定不同的闪光模式进行拍摄。

- 可以设定的闪光模式为E-TTL II/E-TTL自动闪光、手动闪光和自动外部闪光测光。

- 此功能面向对照明非常熟知和有经验的高级用户。



1.将闪光模式设为<Gr>。

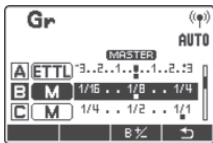
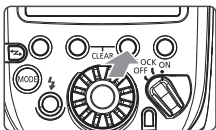
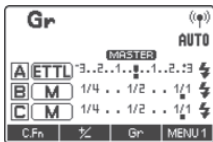
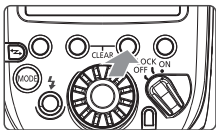
- 按主控单元上的<MODE>按钮并将闪光模式设为<Gr>。

2.在从属单元上设定闪光组。

- 逐一操作和设定从属单元。
- 为所有的从属单元设定闪光组（A/B/C/D/E）。

- 当2007-2011年发售的相机使用<Gr>闪光模式时，所有参数需通过信号发射器设置。

Gr:为各组设定不同的闪光模式进行拍摄



3. 设定闪光模式。

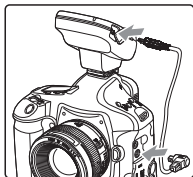
- 通过操作主控单元设定各闪光组的闪光模式。
- 在显示 **< MENU1 >** 期间，按功能按钮 **< Gr >** 并转动 **< MODE >** 以选择闪光组。
- 按功能按钮 2 **< *MODE >** 并从 **< E-TTL >**、**< M >** 和 **< Ext.A >** 中选择所选组的闪光模式。
- 要关闭所选组的闪光，按功能按钮 1 **< ON/OFF >** 将其设为 **< OFF >**。

4. 设定闪光输出或闪光曝光补偿量。

- 在选择了闪光组期间，按功能按钮 3 **< *1/2 >**。
- 转动 **< MODE >** 根据闪光模式设定闪光功能并按 **< MODE >**。
- 当使用 **< M >** 模式时，设定闪光输出。
- 当使用 **< E-TTL >** 或 **< Ext.A >** 模式时，根据需要设定闪光曝光补偿量。
- 如果在显示 **< MENU1 >** 时按功能按钮 2 **< 1/2 >**，可以为所有闪光组设定闪光曝光补偿。

从从属单元进行遥控释放/联动拍摄

从从属单元进行遥控释放*

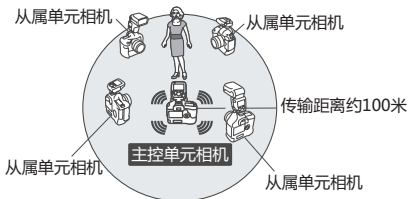


可以从设为从属单元的闪光灯进行遥控释放（遥控拍摄）。有关操作，请参见闪光灯的使用说明书。

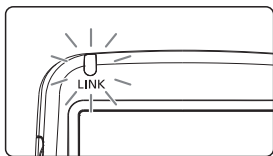
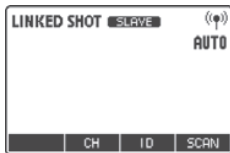
联动拍摄*

通过将从属单元相机链接到主控单元相机，从而自动释放从属单元相机快门的功能。可以对包括主控单元和从属单元在内的最多16个单元使用联动拍摄进行拍摄。

- 要使用联动拍摄进行拍摄时，在相机上安装支持无线电传输无线拍摄的闪光灯或闪光灯信号发射器YN-E3-RT。



***当使用此功能拍摄时，当使用到2011年为止发售的相机，需要“快门线LS-MINIB/C3或LS-MINIB/C1”（另售）。对于2012年以后发售的EOS数码相机（如EOS-1D X），不需要快门线。**



1. 设为联动拍摄模式。

- 长按<  >按钮直到液晶显示屏上显示< **LINKED SHOT** >，联动拍摄模式的“从属单元”已设定。

- 再次按<  >按钮设定联动拍摄模式的“主控单元”。

2. 设定频道和ID。

3. 设定相机的拍摄功能。

4. 设定所有信号发射器或闪光灯。

- 重复步骤1至3并将所有信号发射器或闪光灯在联动拍摄模式下设为“主控单元”或“从属单元”。

- 当按<  >按钮将一个单元的设置从“从属单元”改变为“主控单元”时，之前设为“主控单元”的其他设备会自动切换为“从属单元”。

5. 设置从属单元相机。

- 检查从属单元的< **LINK** >指示灯以绿色点亮。

6. 拍摄照片。

- 检查主控单元的< **LINK** >指示灯以绿色点亮并拍摄照片。

- 与主控单元相机配合释放从属单元相机的快门。

- 使用联动拍摄进行拍摄后，从属单元的< **LINK** >指示灯短暂地以橙色点亮。

从相机的菜单画面进行信号发射器控制

当使用2007年以后发售的EOS数码相机时，可以从相机的菜单画面设定闪光灯功能、信号发射器功能或自定义功能。有关相机操作，请参见相机的使用说明书。



1.选择 [外接闪光灯控制]。

- 选择 [外接闪光灯控制] 或 [闪光灯控制]。

2.选择 [闪光灯功能设置]。

- 选择 [闪光灯功能设置] 或 [外接闪光灯功能设置]。
- 画面变成 (外接) 闪光灯功能设置画面。

3.设定功能。

- 根据相机的不同，设置画面有所不同。
- 选择项目并设定功能。

[闪光灯功能设置] 中可以利用的设置

从2012年以后发售的EOS数码相机

当与EOS-1D X等相机配合使用信号发射器时，可以在 [闪光灯功能设置] 画面中为“无线电传输无线拍摄”设定功能。

从2007年到2011年期间发售的EOS数码相机

当进行“无线电传输无线拍摄”时，通过操作信号发射器设定功能。

从相机的菜单画面进行信号发射器控制

E-TTL II闪光测光

对于普通曝光，将其设为〔评价〕。如果设定了〔平均〕，闪光曝光将对相机测光的整个场景进行平均测光。根据场景的不同，可能需要闪光曝光补偿。此设置面向高级用户。

光圈优先模式下的闪光同步速度

在光圈优先自动曝光（**AV**）模式下进行无线闪光拍摄时，可以设定闪光同步速度。

闪光模式

可以从〔E-TTL II〕、〔手动闪光〕、〔多次闪光〕和〔个别组控制〕中选择闪光模式以适合所需闪光拍摄。

快门同步

可以从〔前帘同步〕和〔高速同步〕中选择闪光灯闪光时机 / 方法。要进行普通无线闪光拍摄，将其设为〔前帘同步〕。

闪光曝光补偿

可以像设定普通曝光补偿一样设定闪光曝光补偿。可以在 ± 3 档间以1/3档为增量设定闪光曝光补偿量。

闪光包围曝光

可以在自动改变闪光输出的同时拍摄三张照片。以1/3档为增量，可设置的范围最大为 ± 3 档。

无线闪光功能（设置）

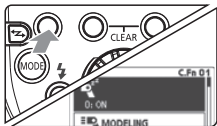
自动设定无线电传输无线闪光拍摄。

清除闪光灯（功能）设置

可以将信号发射器设置恢复为其默认设置。

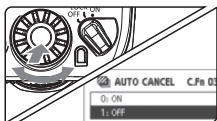
C.Fn/P.Fn: 设定自定义和个性化功能

可以按照您的拍摄喜好设置信号发射器的自定义/个性化功能。



1.显示自定义/个性化功能画面。

- 短按功能按钮1 < **C/P.Fn** > 显示自定义功能画面(C.FN)。
- 长按功能按钮1 < **C/P.Fn** > 显示个性化功能画面(P.FN)。



2.选择要设定的项目。

- 转动 <  > 选择要设定的项目（编号）。

3.更改设置。

- 按 <  > 按钮显示设置。转动 <  > 选择想要的设置并按 <  > 按钮。
- 按功能按钮4 <  > 以返回拍摄就绪状态。

从相机的菜单画面进行信号发射器自定义功能设置

- 1.选择 [闪光灯自定义功能设置] 或 [外接闪光灯的自定义功能设置]。
- 2.选择自定义功能编号并设定功能。



• 根据相机的不同，显示的内容有所不同。如果不显示C.Fn-20和22，通过操作信号发射器设定这些项目。有关自定义功能，请参见第26至27页。

P.Fn设定个性化功能

P.Fn-21: Legacy Trigger(单触点引闪功能)

开启此功能以使更好地兼容非佳能相机使用其热靴单触点引闪，仅支持“M”手动模式。

0：ON（启用）

1：OFF（关闭）



- 仅在非佳能相机使用单触点引闪功能不正常时设置为“ON”，使用佳能相机，请务必设置为“OFF”。
- 更改手动闪光输出后，需按TEST按钮测试闪光一次。

P.Fn-22: Free Mask Group(快速设置背景闪光分组)

设定Gr模式中快速启用/禁用作为背景灯的闪光组。

0：D/E(快速启用D/E分组)

1：C/D/E(快速启用C/D/E分组)

2：B/C/D/E(快速启用B/C/D/E分组)



例如：已在P.FN22 Free Mask Group设置为0:D/E，在Gr模式下，长按<Gr/*>按钮，显示屏显示“FM”，此时接收端的只有D/E组响应闪光，其余A/B/C组都不参与闪光，此功能适用于拍摄时对背景光闪光组的快速控制。再次长按<Gr/*>按钮恢复正常。

- 以上功能对应V1.19后的固件程序。

C.Fn设定自定义功能

C.Fn-01: (自动关闭电源)

当5分钟没有操作信号发射器时，电源自动关闭以节能。可以关闭此功能。

0 : ON (启用)

1 : OFF (关闭)

C.Fn-02: MODELING (造型闪光)

0 :  (启用 (景深预览按钮))

按相机的景深预览按钮进行造型闪光。

1 :  (启用 (测试闪光按钮))

按信号发射器的测试闪光按钮进行造型闪光。

2 :  /  (启用 (两个按钮皆可))

按相机的景深预览按钮或发射器的测试闪光按钮。

3 : OFF (关闭)

关闭造型闪光。

C.Fn-03: AUTO CANCEL (闪光包围曝光自动取消)

可以设定用FEB拍摄三张照片后是否自动取消FEB。

0 : ON (启用)

1 : OFF (关闭)

C.Fn-04: (闪光包围曝光顺序)

可以改变FEB的顺序，0：标准曝光、-：减弱曝光（较暗）和+：增强曝光（较亮）。

0 : 0 → - → +

1 : - → 0 → +

设定自定义功能

C.Fn-07: TEST (用自动闪光测试闪光)

可以改变在E-TTL II/E-TTL自动闪光模式下进行测试闪光时的闪光输出。

0 : 1/32 (1/32)

1 : 1/1 (全输出)

C.Fn-08: AF (自动对焦辅助光闪光)

0 : ON (启用)

1 : OFF (关闭) 信号发射器不发出自动对焦辅助光。

C.Fn-13: (闪光曝光测光设置)

0 :  +  (闪光灯按钮和转盘)

1 :  (仅闪光灯转盘)

可以通过直接转动 <  > 进行闪光曝光补偿，而无需按 <  > 按钮。

C.Fn-20: (提示音)

可以启用当从属单元完全充电时响起的提示音。

0 : OFF (关闭)

1 : ON (启用)

C.Fn-22: (液晶显示屏照明)

当操作按钮或拨盘时，液晶显示屏点亮。可以改变此照明设置。

0 : 12sec (照明12秒)

1 : OFF (关闭显示屏照明)

2 : ON (持续照明)

参考

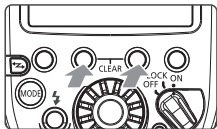
关于<LINK>指示灯

<LINK>指示灯的颜色根据主控单元和从属单元的传输状态发生变化。

颜色	状态	说明	措施
绿色	点亮	传输正常	—
红色	点亮	未连接	检查频道和ID
	闪烁	单元过多	主控单元 + 从属单元 = 16个单元或更少
		错误	关闭电源后重新打开

- 如果主控单元和从属单元的传输频道不同，从属单元不闪光。将两者设为相同的号码或均设为“**AUTO**”。
- 如果主控单元和从属单元的无线无线电ID不同，从属单元不闪光。

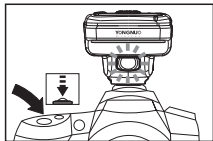
清除信号发射器设置



同时按功能按钮2和3两秒钟或更长。
信号发射器设置被清除，拍摄模式恢复为<**E-TTL**>闪光模式。

辅助对焦灯

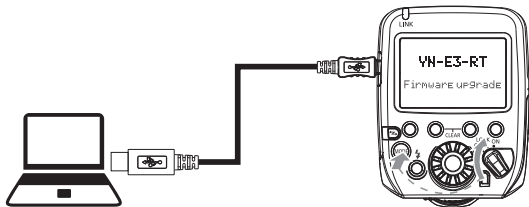
当光线不足以自动对焦时会启动信号发射器的辅助对焦灯功能。



- 需使用相机镜头自动对焦模式，对焦模式设置为单次AF。
- 可在相机菜单自定义功能（第24页）或信号发射器自定义功能（第25页）中设置辅助对焦功能启用或禁用(C.Fn8)。

固件升级

- 1.登录永诺官方网站(www.hkyongnuo.com)下载固件升级程序及最新固件。
- 2.关闭电源，使用USB-MINIB连接线与PC进行连接。
- 3.按住<MODE>按钮的同时将电源开关设置在<ON>开机，屏幕显示进入固件升级界面。
- 4.按照软件上的提示完成固件升级操作。



故障排除

无法打开电源。

- 确保以正确的方向安装电池。
- 将固定座完全插入相机的热靴插座，将锁定杆滑动到右侧并将信号发射器固定在相机上。
- 如果信号发射器和相机的电子触点变脏，请清洁触点。
- 当无线拍摄（从属）就绪时，充电指示灯点亮。

电源自动关闭。

- 信号发射器的自动关闭电源功能已激活。半按下快门按钮或按测试闪光按钮。

从属单元不闪光。

- 检查从属单元是否支持无线电传输无线闪光拍摄。
- 将从属单元设为 <  > < **SLAVE** > 。
- 将主控单元和从属单元的传输频道和无线无线电ID设为相同的号码。
- 检查从属单元位于主控单元的传输范围内。

无法使用辅助对焦灯

- 检查自定义功能C.Fn08是否设置为关闭。

固件升级失败或屏幕一直显示固件升级界面

- 断开连接，重启设备再重新尝试固件升级。

开机时屏幕显示“ERROR:2001”

- 重新尝试固件升级。

故障排除

照片曝光不足或过度。

- 如果照片中有反光强烈的物体（玻璃窗等），请使用闪光曝光锁。
- 如果被摄体显得太暗或太亮，请设定闪光曝光补偿。
- 当设定了高速同步时，有效闪光范围较短。将从属单元放在靠近被摄体的位置。
- 当使用具有三个闪光组A、B和C的自动闪光拍摄时，不要在闪光组C朝向主被摄体的状态下闪光。
- 当为各个闪光组使用不同的闪光模式设置拍摄时，不要在设为<ETTL>或<Ext.A>的多个闪光组朝向主被摄体的状态下闪光。

照片非常模糊。

- 当拍摄模式设为<Av>并且场景较暗时，自动启用慢速同步（快门速度变慢）。使用三脚架或将拍摄模式设为<P>或全自动模式。请注意，还可以在[**光圈优先模式下的闪光同步速度**]中设定同步速度。

无法从从属单元释放。

- 当使用到2011年为止发售的兼容E-TTL II/E-TTL自动闪光并且配备有遥控端子的EOS相机从从属单元进行遥控释放时或在联动拍摄期间将其设为从属单元时，需要有“快门线LS-MINIB/C1或LS-MINIB/C3”（另售）。

规格参数

类型：	机载闪光灯信号发射器
兼容相机：	兼容E-TTL II/E-TTL自动闪光的A型EOS相机
曝光控制系统：	E-TTL II/E-TTL自动闪光、手动闪光、频闪闪光、自动外部闪光测光* *只在闪光模式设为<Gr>时
频率：	2405 - 2475 MHz
调制系统：	主调制：OQPSK，二次调制：DS-SS
频道：	自动，频道1 - 15
无线无线ID：	0000 - 9999
从属单元控制：	最多5组（A/B/C/D/E），最多15个单元
传输距离：	约100米
闪光光比控制：	1:8 - 1:1 - 8:1，1/2档增量
闪光曝光补偿：	以1/3档为增量±3档
闪光包围曝光：	以1/3档为增量±3档（当与闪光曝光补偿配合使用时）
闪光曝光锁：	按相机的<M-Fn>，<FEL>或<*>按钮
高速同步：	具备
手动闪光：	1/1 - 1/128功率（1/3档增量）
频闪闪光：	具备（1 - 500 Hz）
从属闪光灯	
电池检查：	主控单元液晶显示屏上的<⚡>图标亮起，从属单元的自动对焦辅助光发射器闪烁，并且充电指示灯亮起。
闪光曝光确认：	闪光曝光确认指示灯亮起

规格参数

造型闪光：	使用相机的景深预视按钮进行闪光
联动拍摄：	具备
自定义功能：	9
辅助对焦灯功能：	具备
USB固件升级：	具备
电源：	2节5号 (AA/LR6)碱性电池或镍氢 (Ni-MH)电池
无线闪光拍摄时间：	连续约10小时(使用5号(AA/LR6)碱性电池)
节电：	5分钟无操作后电源关闭
尺寸：	约67.7 (宽)x 66.7 (高)x 81.3 (深) 毫米
重量：	约110克 (仅信号发射器，不包括电池)

本手册中的功能是依据本公司的测试条件获得。设计和规格如有变更，恕不另行通知。

本手册中的永诺(YONGNUO)徽标是深圳市永诺摄影器材股份有限公司在中国或/和其他国家(地区)的注册商标。其他所有商标均为其各自所有者拥有。



产品保修卡 Warranty card

序列号
SN.

产品名称

Product Name 闪光灯信号发射器
Speedlite Transmitter

产品型号

Product Model YN-E3-RT

用户名称
Name

联系电话
Phone

购买日期
Purchase Date

地址
Address

邮编
Zip Code

故障说明

Failure Description

