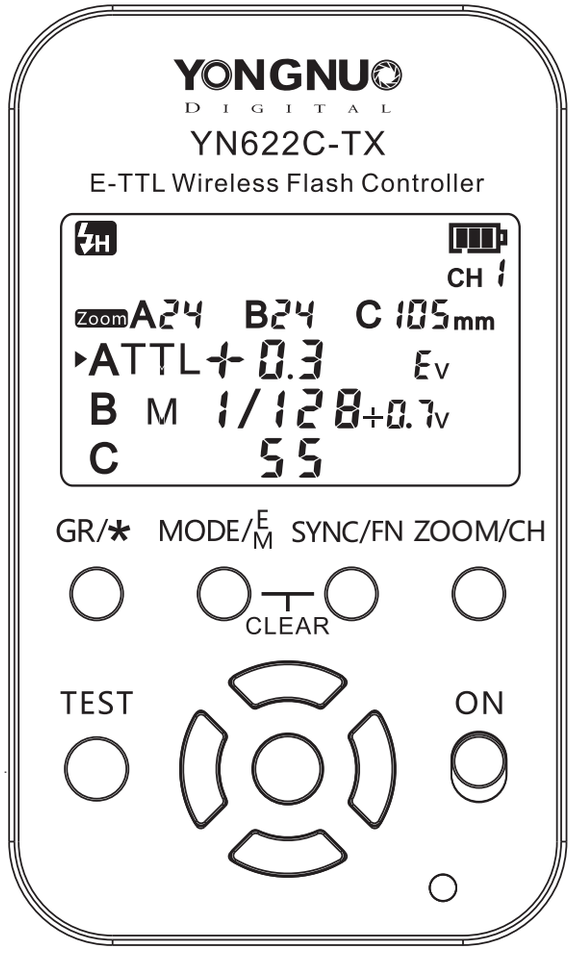
YONGNUO

DIGITAL

YN622C-TX
E-TTL
Wireless Flash Controller
无线引闪控制器



User Manual

用户手册

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- Please turn off power supplies of all equipment when connecting or installing the product.
- Please keep it dry. Be sure not to use wet hand to touch the product. It is also not allowed to immerse the product into water or make it be exposed in the rain. Otherwise it may not work normally or even be damaged.
- Do not use it in explosive situations. Violating this warning may cause an explosion or fire.
- This product involves battery, please be in strict accordance with the relevant provisions on the use of the battery. Otherwise it would cause property damage or personal injury.

General Description

Thank you for choosing products of YONGNUO.

• YN622C-TX E-TTL wireless flash controller is for supporting the use of YN622C E-TTL wireless flash trigger transceiver.

• This product adopts flexible LCD menu control, supports mixed use of E-TTL(II) mode, manual mode, or super sync flash mode of group A/B/C flash. Supports multi flash, supports E-TTL ratio. It can be adjusted the exposure compensation or flash output of each group. In addition, it supports setting different focal length(zoom)of the three groups of flash, the remote controlled distance up to 100M, supports 7 wireless channels and three groups A/B/C , and is equipped with AF-assist beam emitter. Supports firmware upgrade via USB .

Compatible camera : Canon EOS series DSLR

Cameras compatible with the shutter release cable (parts):

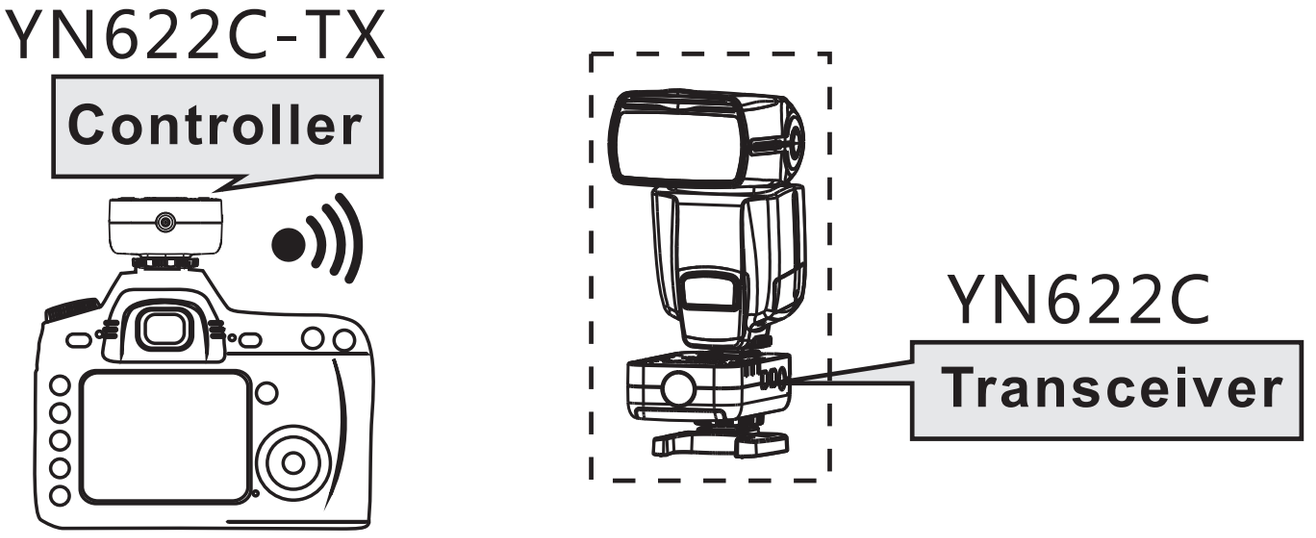
LS-2.5/C1: 60D/70D/400Dseries/500D series/600D series/1000D series

LS-2.5/C3: 40D/50D/7D/1D series/5D series

Conventions Used in the Manual

• This manual to assume using compatible camera/flash and **YN622C transceiver in the same channel**. The features/functions supported by the product depend on the camera and flash used. For the operation of camera, flash ant the YN622C transceiver, please refer to relevant user manuals.

• For the user manual and firmware of the latest version, please visit the official website of YONGNUO: www.hkyongnuo.com.



• **Icon used in this manual:**

Refers to short press the button.

Refers to long press(hold down) the button.

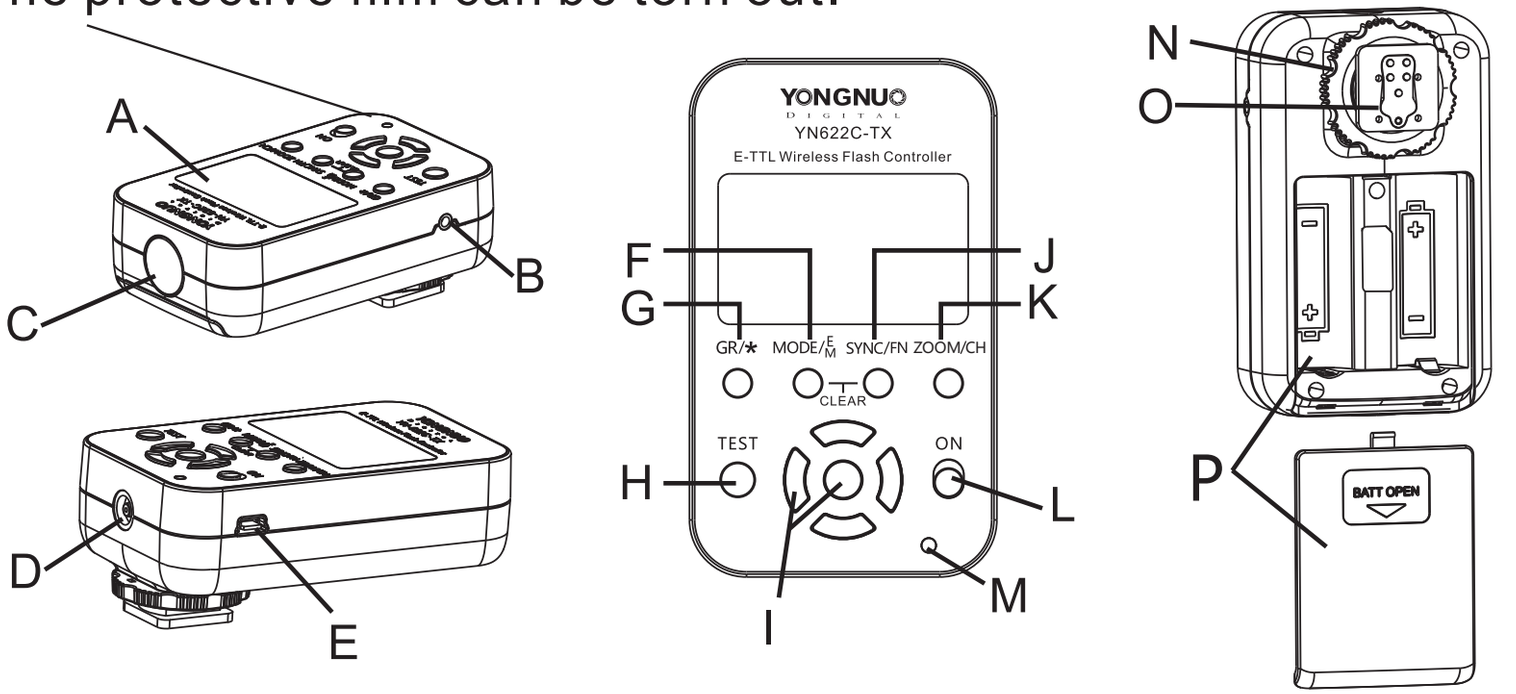
Supported Functions List

- **LCD screen display, and multi-buttons for quick operation**
- **The firmware can be upgraded through the USB interface**
- **Supports wireless shutter release function**
- **The focal length(zoom)of the A/B/C three group flash can be adjusted separately**
- **Supports TTL Ratio A:B / A:B C**
- AF-assist beam emitter function (can be disabled)
- Flash mode: GR(grouping flash)/E-TTL(II)/Multi flash
- Supports mixed use of E-TTL(II) mode, manual flash mode or super sync(SS) of A/B/C group flash.
- The exposure compensation or flash output of A/B/C three groups of flashes can be adjusted separately
- Shutter Sync: 1st-curtain sync, 2nd-curtain sync and high-speed sync, the highest sync speed is 1/8000s
- Supports FEC, FEB, FEL
- Supports modeling flash
- Supports the flash zooming (auto, manual)
- Super Sync (SS) time delay adjustment, for higher x-sync speed than the camera allows
- Settings saved automatically
- The flash sync signal can be input through the PC port
- Supports the basic flash trigger (max sync speed is 1/250s) of standard hot shoe (non Canon body)

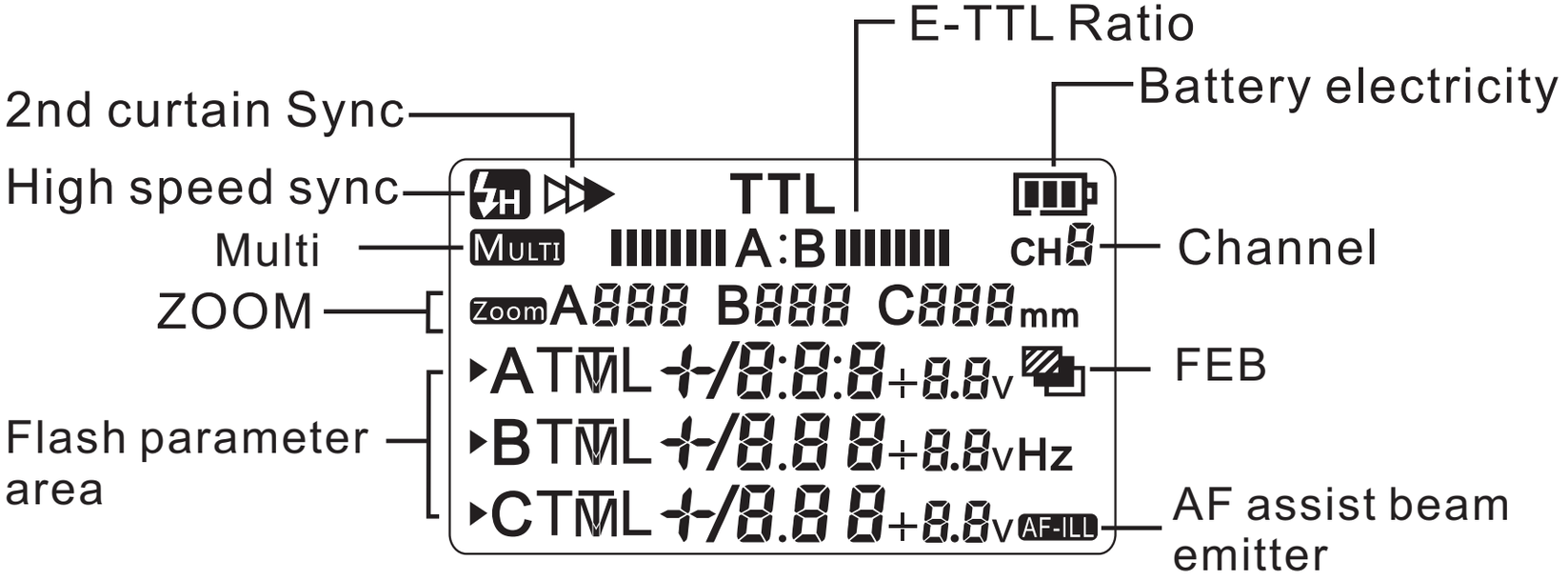
***The above functions need to be used with the YN622C transceiver. Parts of functions may refer to the manufacturer of the camera and flash(FEL,Modeling Flash).**

Name of Parts/Quick Start Guide

※The protective film can be torn out.



LCD



Name of Parts/Quick Start Guide

A-LCD: Display all the settings of controller.
B-2.5MM Shutter release interface: Wireless shutter release function(P.16).
C-AF assist beam emitter: (P.14)
D-PC interface: Input the flash sync signal(P.15).
E-USB interface: Connected to the computer to update the firmware (P.19).
F- MODE/$\frac{E}{M}$ button: Flash mode setting.
G-GR/* button: Short press to move the arrow to set flash group or other parameters; Long press to get different functions int different modes.
H-TEST button: Long press to wake the flash up, loosen to test the flash(P.12).
I-Select/Set button group: Multifunction button group, including the [UP] [DOWN] [LEFT] [RIGHT] and [OK] buttons.
J-SYNC/FN button: Short press for flash shutter sync mode setting(P.11), long press for C.FN setting (P.14).
K-ZOOM/CH button: short press for zoom setting (P.11), long press for channel setting(P.7) .
L-Power switch: Slide to ON for power on.
M-Status indicator : The green light will bright when in communication; while the red light will bright when in triggering (or shutter releasing).
N-Locking ring and locking pin
O-Hot shoe Mounting foot and contacts
P-Battery compartment and battery cover

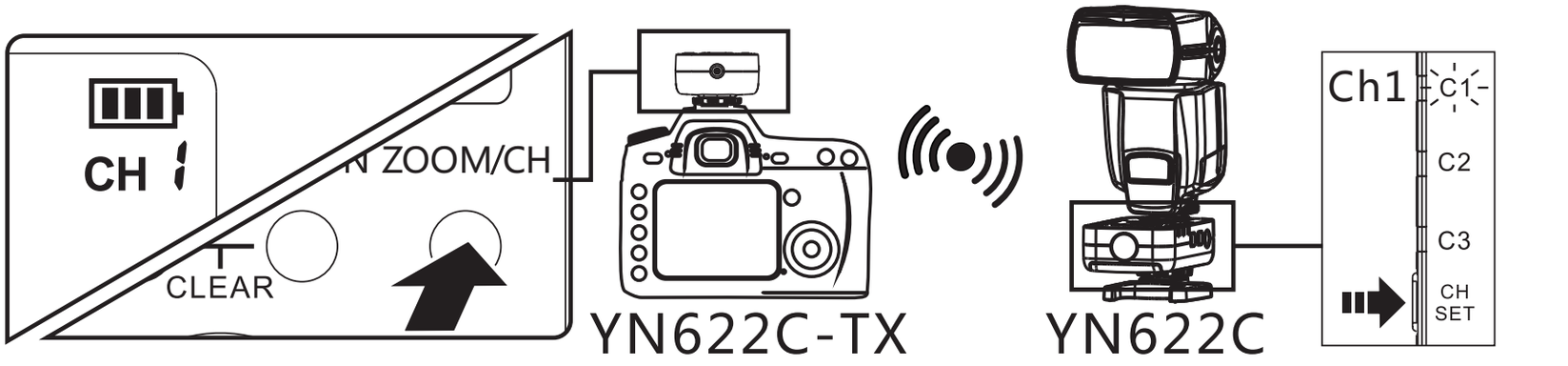
Preparation Before Use

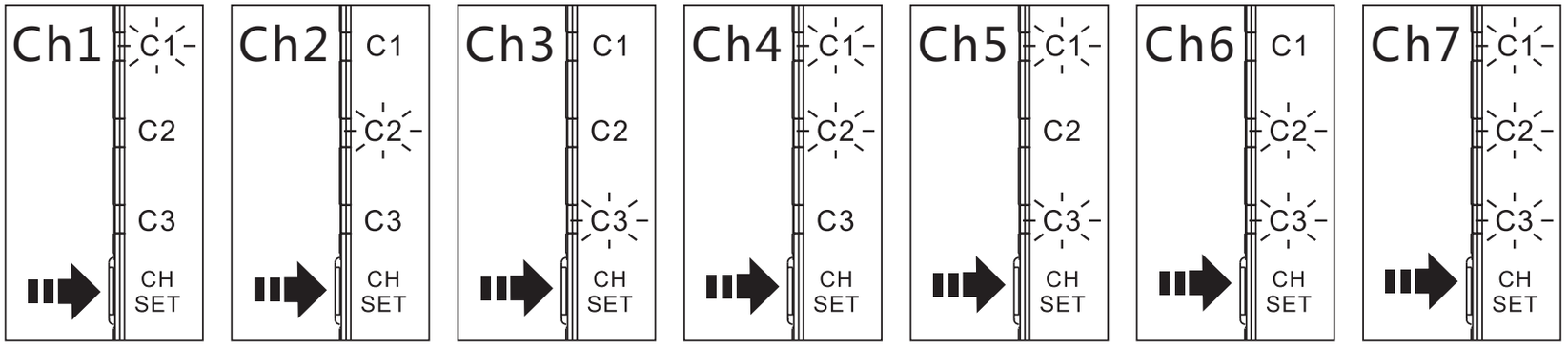
1.YN622C Transceiver Settings:

Set the receiving group and channel of the transceiver (refer to the user manual of the YN622C).

2.YN622C-TX Controller Settings:

1). Installing the 2 AA (1.5V) batteries(excluded).
2). Installing the Controller on the Camera .
3). Power on when the power switch slides to [ON].
4). Channel Setting: Long press the [ZOOM/CH] button, then press the select/set button group to **the same channel as the YN622C transceiver.**





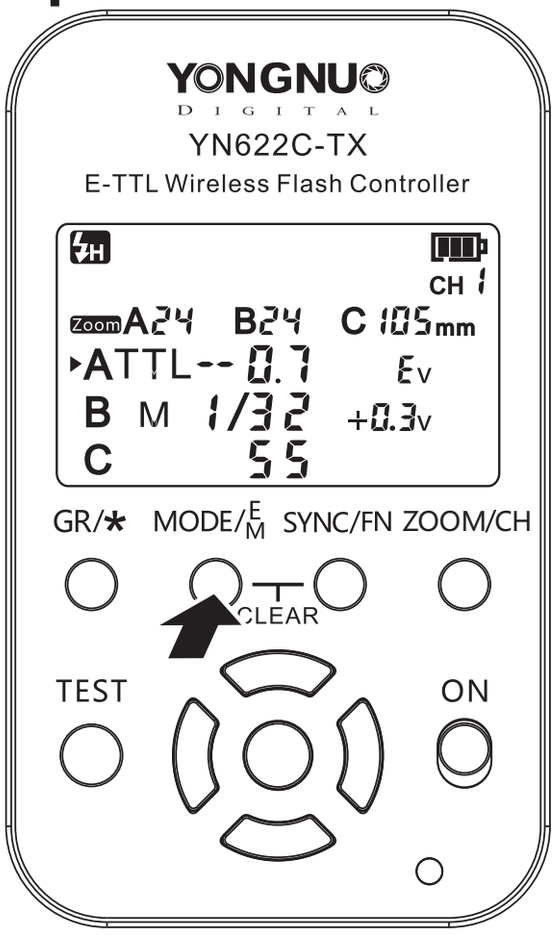
Settings

Flash Mode Setting: GR/TTL/Multi

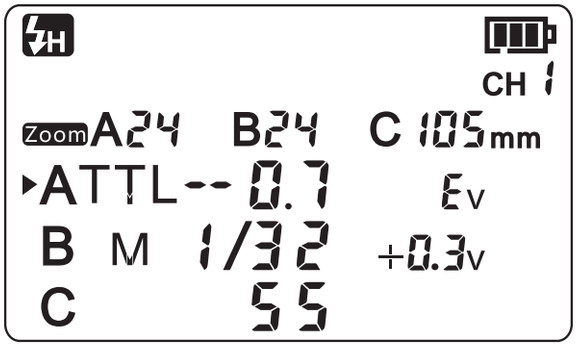
- **Long press the [MODE/E/M] button to switch the flash mode GR/TTL/Multi.**

- **In GR mode, short press the [MODE/E/M] button to switch the current group the arrow pointing to; in TTL/Multi mode, short press this button can also switch the flash mode.**

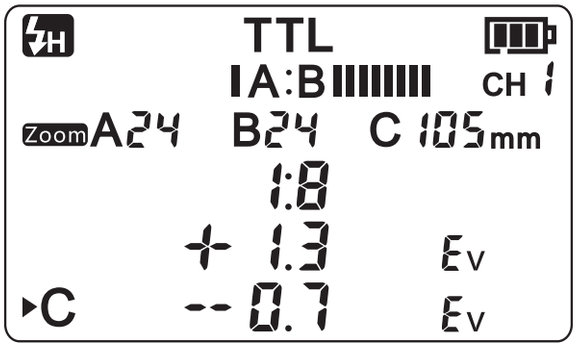
Examples:



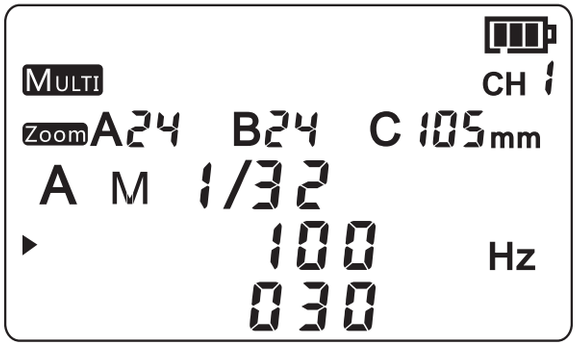
1.GR



2.TTL



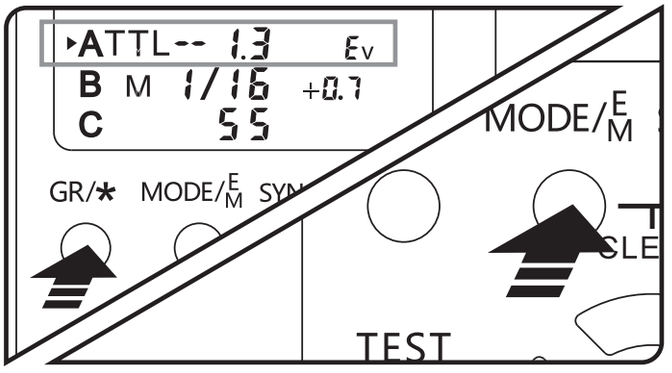
3.Multi



Settings

1.GR-Grouping flash mode: set different flash modes for different groups.

1). short press the [GR/*] button to choose the setting groups.
2). Short press the [MODE/$\frac{E}{M}$] button to set the flash mode of the selected group, each press of the setting as below:



TTL: E-TTL(II) Fully Automatic Flash

The FEC adjustment range is within -3 to +3EV, It's supported to press select/set button group to adjust the FEC value. If the FEC value is set on the flash, it will plus with the FEC value set on the controller.

M: Manual Flash

The adjustment range is within 1/128-1/1, press [LEFT] or [RIGHT] button to adjust, press the [UP] or [RIGHT] button for fine adjustment.

SS(Super Sync):refer to P.14.
OFF: This group is not participate in flash.
***Long press the [GR/*] button to quickly turn off the A/B two groups at the same time.**

Settings

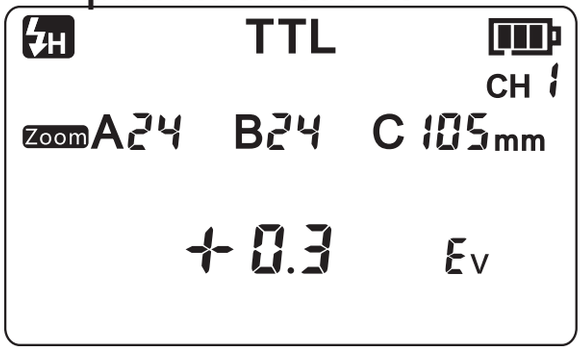
2.E-TTL (II) Mode -Fully Automatic Flash

1.)Set the flash group:

Long press the [GR/*] button to set the TTL flash group.

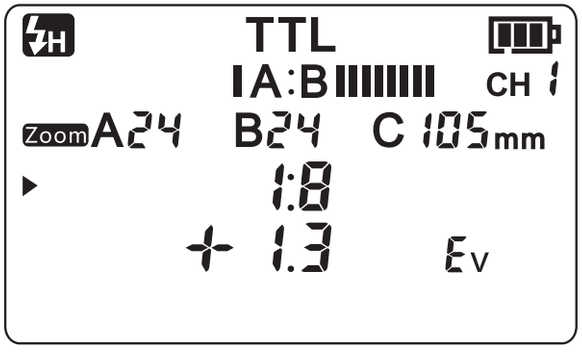
2.)Set the flash ratio or exposure compensation:

Short press the [GR/*] button to select the setting items, then press the select/set button groups to set the parameters.



1.Flash Group-A+B+C(ALL)

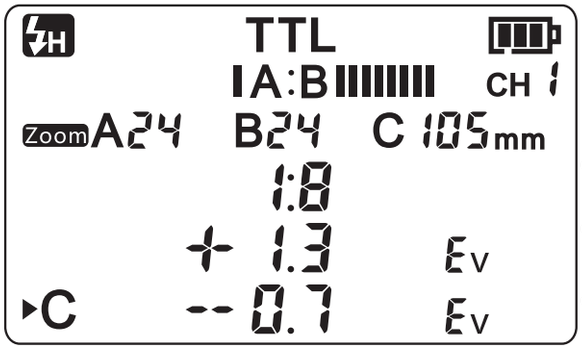
☜ Set FEC of A/B/C groups at one time.



2.Flash Group-A:B

☜ Set flash ratio of A/B group

☜ Set FEC of the A/B group(C group does not flash)



3.Flash Group- A:B C

☜ Set flash ratio of A/B group

☜ Set FEC of A/B group

☜ Set FEC of C group

Settings

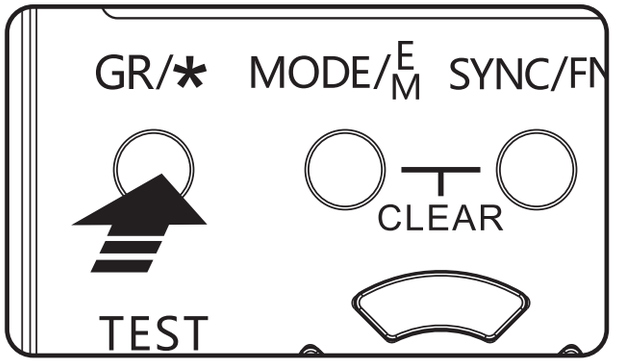
The details of the flash ratio settings as below:

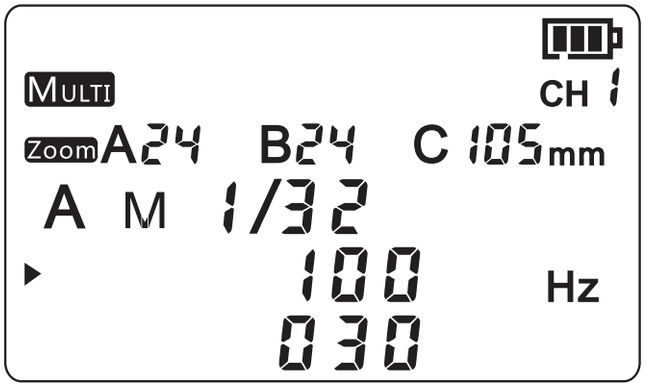
8:1 • 4:1 • 2:1 • 1:1 • 1:2 • 1:4 • 1:8 ☞ Press[LEFT]or[RIGHT]

5.6:1 2.8:1 1.4:1 1:1.4 1:2.8 1:5.6 ☞ Press[UP]or[DOWN]

3.Multi Flash Mode:Stroboscopic Flash

Short press the [GR/*] button to select the items, then press the select/set button groups to set the parameters.





☞ Output power

☞ Stroboscopic frequency

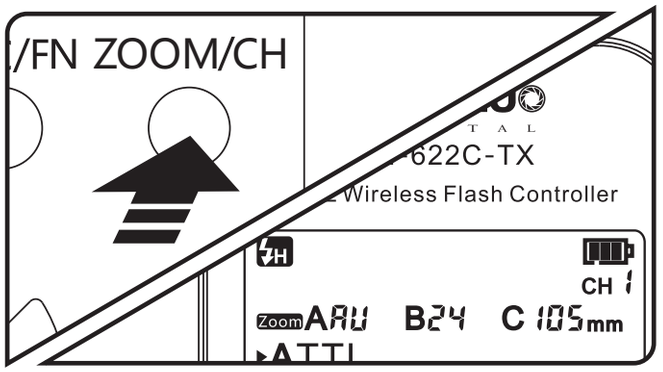
☞ Stroboscopic flash count

***The output power of group B/C should be set up respectively through the camera's menu (P.13)**

Settings

4.ZOOM:Flash Coverage Setting

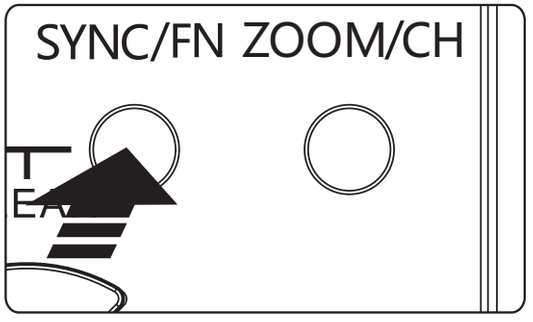
• It supports the controller to set the focal length of the flash on the transceiver.



Short press the [ZOOM/CH]button, set the flash focal length of A/B/C group in sequence, then press the Select/Set button group and set. Settings rang supported manual 24-105mm,AU (Automatic).

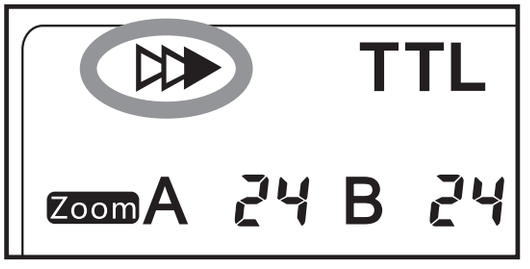
5.Flash shutter sync

• Short press the [SYNC/FN] button to set the shutter sync mode(except the multi flash).There will be a relevant icon displayed on the LCD.



1st curtain sync

2nd curtain sync



high speed sync

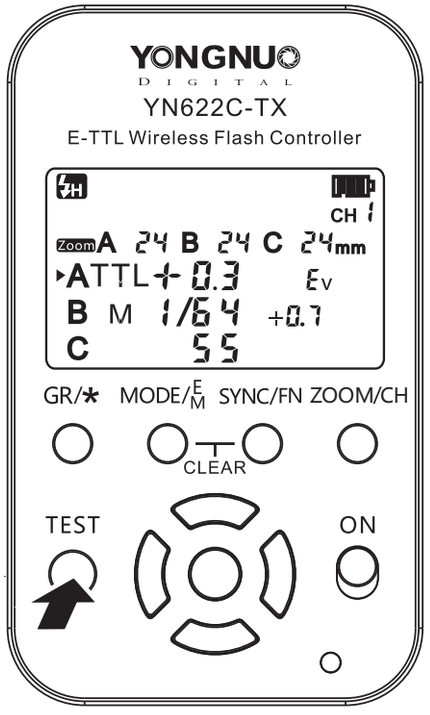
Flash Awaking and Triggering

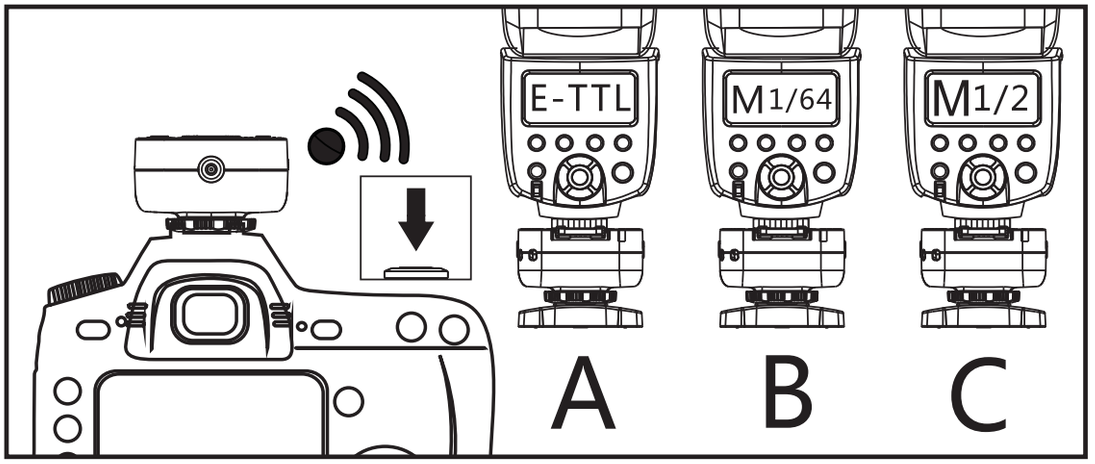
1.Flash Awaking&Testing

When half press the shutter button of the camera or press the [TEST] button of the controller , the green wake-up indicator light lights on, and the flash on the hot-shoe of the transceiver will be waked up. When loosen the [TEST] button, the flash of the selected groups will be tested for once.

2.Flash triggering

Completely press the shutter button of the camera will trigger the flash synchronously, the red triggering indicator light lights on.





Control from Camera's Menu Screen

• When using EOS digital cameras released since 2007, you can set the controller functions from the camera's menu screen. For the operation of the camera, please refer to the relevant user manual.

• **EOS digital cameras released since 2012:**support E-TTL II, manual flash, multi flash, group flash (GR).

• **EOS digital cameras released from 2007 to 2011**:supports E-TTL II, manual flash, multi flash

• Under the TTL mode, it supports the camera menu setting FEB function. There will be relevant icon displayed on the controller. (P.4)

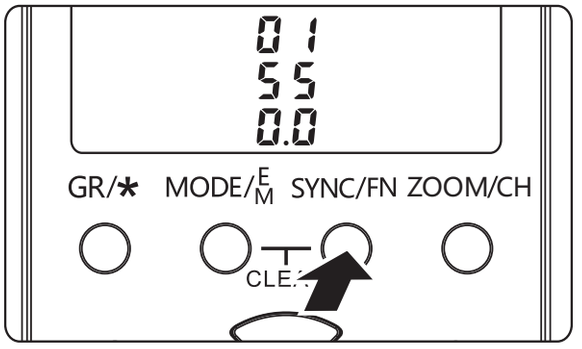
• Supports setting the Group A flash zoom through the camera's menu .

• Cancels the FEB functions or turns on/off AF Assist Beam Emitter though the C.FN Settings of the external flash menu.

***If the 2nd curtain sync enabled, please set the flash parameters of each group through the controller.**

***SS flash mode can not be controlled through the camera menu.**

Custom Function Settings(C.FN)



1).Long press the [SYNC/FN] button.
2).Press the [up] or [down] buttons to select the setting items, then press the [LEFT] or [RIGHT] buttons to set the parameters.
3).Press [OK] to confirm and exit the settings.

01-SS: Super sync delay Settings
The range of settings : 0.0-2.0 (refer to P.17)

02-SHU(Shutter):Wireless shutter function
Refer to P.16,can be set to ON/OFF

03-AF: AF assist light function
It can be set to ON/OFF, relevant icon will displayed on the screen (refer to P.4)

04-LEG(Legacy Flash Trigger):Single contact trigger function
Refer to P.15, can be set to ON/OFF

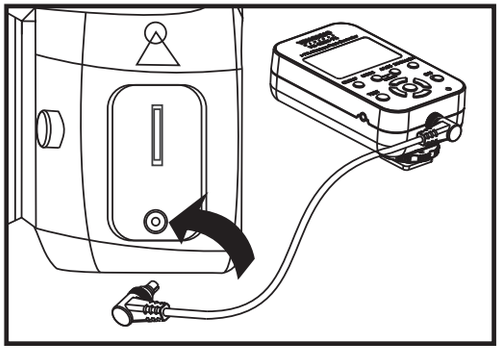
05-ECO(Ex Compat): EX series flash Compat
Refer to P.18, can be set to ON/OFF

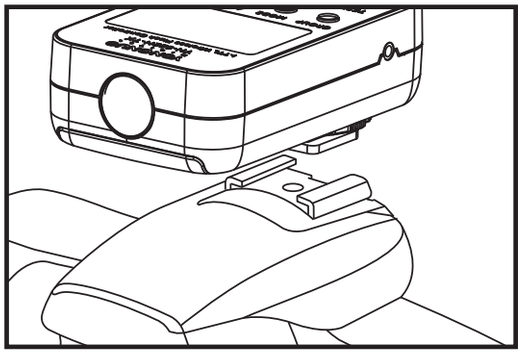
Other Trigger Modes

2.PC interface & Legacy Flash Trigger

• **PC interface (input) trigger:** Use LS-PC/PC cable (option)to connect the controller and the PC interface of camera.

• **Legacy Flash Trigger: Basic flash (Single Contact) trigger:** Install the controller on the camera hot shoe.





1). **Transmitting group setup:** Set base on the groups of the controller (GR).

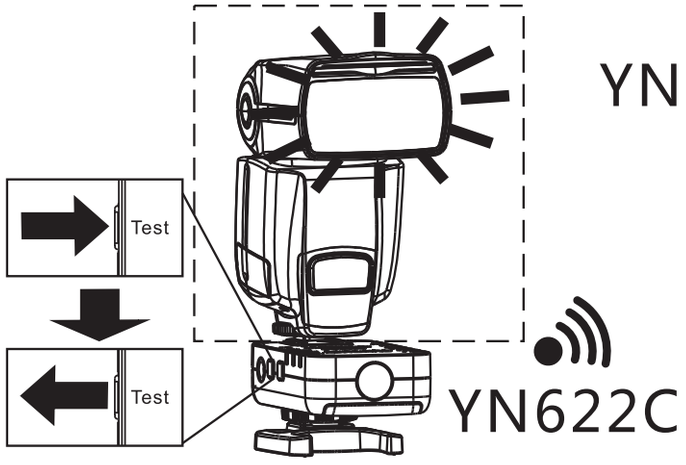
2). **Flash mode setup:** Set the manual flash(M) mode through the flash control panel, change the flash output manually, and trigger through the controller's PC interface or main flash contact. High speed sync or other TTL functions are not supported (the highest sync speed is 1/250s or lower).

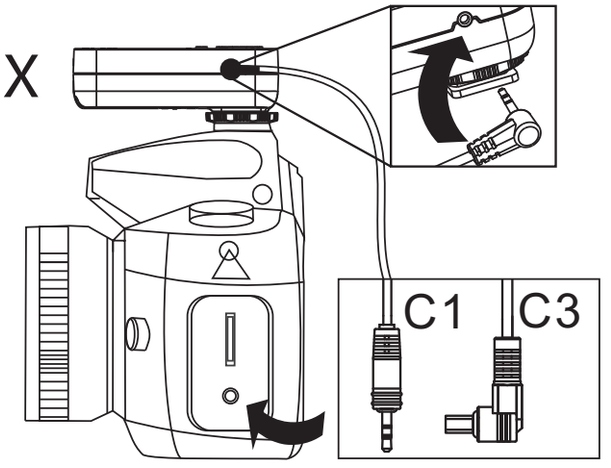
*About the C.FN 04 Legacy Flash Trigger:

Please set this custom function as OFF when using the TTL triggering. If it could not operate properly when using the single contact trigger, set as ON.

Shutter Release Function

- **Use the YN622C transceiver for wireless transmitting, the YN622C-TX controller as the shutter signal output.**





1). Use the LS-2.5 series shutter connecting cable to connect the controller and camera's shutter interface, as for the EOS digital cameras released after 2012, it does not need the shutter connecting cable.
2). Set the C.FN 02 as ON (P.14),turn on the wireless shutter function.
3). Press the [TEST] button of YN622C transceiver (if the flash have installed) and loose, the flash will be triggered once to test the flash. About one second later, the camera shutter will be triggered and will flash synchronously.

- **Supports single shot only.**
- **If you do not use the shutter release function, please set the C.FN 02 as OFF.**

Reference

1. About the Super Sync(SS)

Use non-HSS (Non High Speed Sync) flash to realize High Speed Sync. This function is more applicable to strobes flashes whose flash duration is longer. It should be used with cameras which supports High Speed Sync (HSS) and setting SS time delay parameters.

A-Set the controller SS time delay parameters in C.FN 01: (refer to Page 14)

B-Using Super Sync:

1). Set the flash into manual mode. It supports to use the flash which is set on the hot-shoe of the transceiver or connect the flash through PC port. Setting full power flash output (1/1) may be needed.

2). Set the flash sync speed of the camera as **high speed sync,** the maximum shutter sync speeds can reach to 1/8000s. Adjust “SS” to a suitable time delay parameters according to the flash model, output power and shutter speed.

3). Take photos and check whether the flash of the photos is synchronous. The gradations or variations of the light will be seen in the photos. The flash result will be different due to different cameras and flashes.

2. About the Automatic Save Function:

Then controller will automatically save the settings of channel, grouping, flash mode, AF assist beam emitter etc.

Reference

3.About the Ex Compat trigger

When using the 430ex/550ex/580ex flash etc. which does not support camera menu controlling the flash, enable this function can use the controller to remote control the manual flash power output of the above flash.

1).Set the C.FN 05 of the controller as ON(P.14).
2).Set the flash on the YN622C as E-TTL flash mode.
3).Set the controller as manual flash under the GR mode, set the flash output.

***The flash screen will not display the flash output.**

***If you do not use the above model flash, please set the C.FN 05 as OFF.**

4.About the LCD backlight:

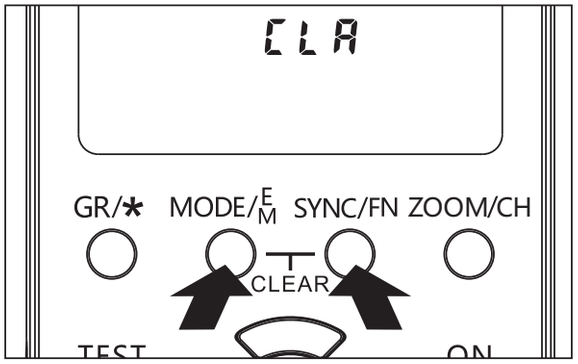
Press any button, the LCD backlight will light for 5 seconds.

5.About the battery electricity display :

The battery icon in the upper right corner of the LCD will display the current electricity. When in low battery, the battery icon will blink, please replace the battery.

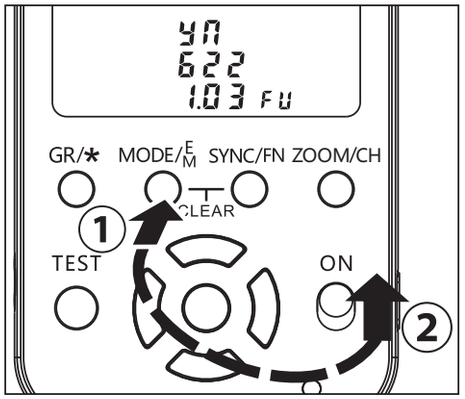
Reference

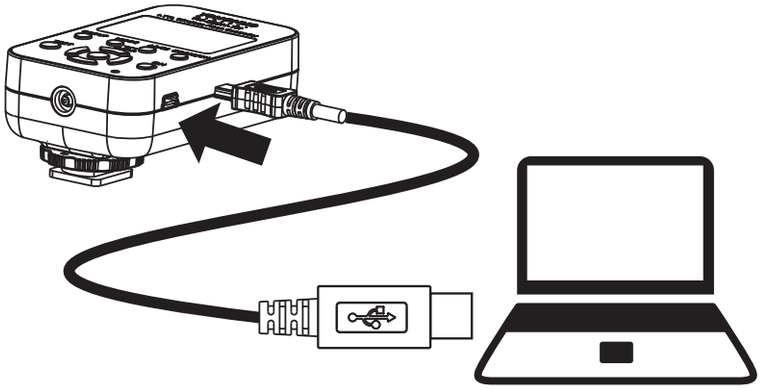
5.Factory Reset



Hold down the [MODE] and [SYNC/FN] buttons at the same time until the screen as shown, then loosen to restore factory settings.

6.USB Firmware Upgrade





1). Visit YONGNUO official website:
http://www.hkyongnuo.com to download the firmware upgrade software and the latest firmware.
2). Turn off . Keep pressing [mode] button and turn on again. The screen will show firmware upgrade interface(will display the current version).
3). Connect the controller to PC via USB-MINIB cable (not include).
4). Complete the firmware upgrade operation according to the prompt of software.

Troubleshooting

1. Fail to power on or automatic shutdown:

• The battery is loaded inversely or exhausted.

➢ Install the battery according to the correct direction the battery compartment indicates and ensure the battery is full and restart the power .

2. The flash doesn't fire

➢ Ensure the power of all equipments are full, **the flash is in ready state(the flash-ready indicator on)**

➢ Ensure the connection among the controller(transceiver), camera and the flash is reliable.

➢ Whether the controller and transceivers are set in the same channels and controllable groups.

3. TTL underexposure or overexposure:

• Check whether the camera body or the flash sets exposure compensation. It may be underexposed if exceeds the effective flash distance. It may overexpose when TTL and manual flash are used at the same time, at this time the manual flash suits to be used as a backlight.

When other trouble occurs during using, it's suggested to deal with the trouble with the procedures as below:

1). Restart all the equipments.
2). Replace the batteries of the controller and transceivers.
3). Reset the factory set of the controller and transceivers.
4). Reset the factory set of the camera/flash.

Specifications

System type: Digital FSK 2.4GHz wireless controller
Distance: 100M
Channel: 7
Flash mode: GR(E-TTL(II), Manual, Super Sync)/E-TTL(II)/Multi flash
Sync mode: 1st-curtain, 2nd-curtain, Hi-speed sync(HSS)
Groups: 3Groups (A/B/C)
MAX Sync speed: 1/8000s
Trigger Interface: Hot-shoe,PC port
Shutter release interface: 2.5MM shutter release interface
TTL Ratio: support
USB Firmware Upgrade: support
AF Assist Beam Emitter: support
Zoom: support
Battery: AAX2(support 1.2 V rechargeable battery)3V
Stand-by time: 120h
Dimensions: 89.5×53×39mm
Weight:82g

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.

The YONGNUO logo in this manual includes the registered trademark or trademark of Shenzhen Yongnuo Photography Equipment Co.,Ltd in China or/and other countries(regions). All other trademarks are the property of their respective owners.

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- 连接或安装本产品时，请关闭所有设备电源。
- 请保持干燥，勿用湿手接触产品，亦不可将产品浸入水中或暴露雨中，否则可能引起无法正常使用，甚至损坏。
- 请勿在易燃易爆场合中使用，违反此警告可能引起爆炸或火灾。
- 本产品涉及电池，关于电池的使用请严格按照相关规定，否则会引起财产损失或人身伤害。

产品功能简介

首先感谢您选购永诺产品。

• YN622C-TX E-TTL 无线引闪控制器是一款为YN622C E-TTL无线引闪收发器配套使用的产品。

• 本产品使用人性化的LCD菜单控制，支持组闪光模式，即A/B/C三组闪光灯可混合使用E-TTL(II)、手动闪光或超级同步闪光模式模式，并可调整各分组曝光补偿或闪光输出，此外，还支持TTL光比闪光以及频闪闪光，支持设定三组闪光灯不同的焦距， 支持7个无线频道及A/B/C三个分组，遥控距离可达100M， 并带有辅助对焦灯功能，支持USB升级固件程序。

兼容的相机：Canon EOS 系列数码单反

快门线兼容的相机型号（部分）:

LS-2.5/C1: 60D/70D/400D系列/500D系列/600D系列/1000D系列

LS-2.5/C3: 40D/50D/7D/1D系列/5D系列

说明书约定

• 本说明书为假定使用兼容的相机/闪光灯，**并且使用相同频道的YN622C收发器**，本产品所支持的功能取决于使用的相机及闪光灯，有关YN622C收发器、相机及闪光灯的操作，请阅读其使用手册。

• 最新版本的用户手册及升级固件请访问永诺官方网站www.hkyongnuo.com获取。

YN622C-TX

YN622C

• **此用户手册中使用以下图标:**

表示短按该按钮。

表示长按该按钮。

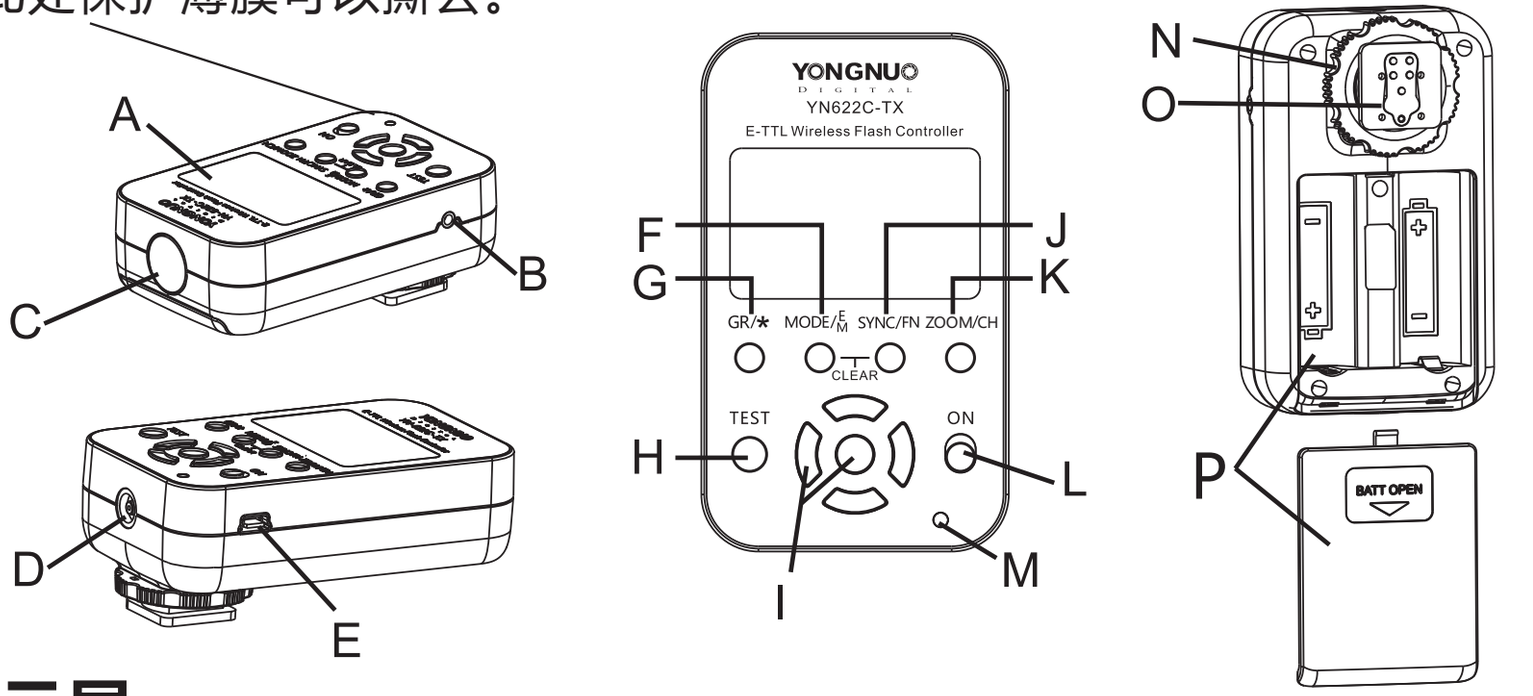
支持的功能列表

- **LCD屏幕显示，多按键快捷操作**
- **可通过USB接口升级固件**
- **支持无线快门线功能**
- **可单独调整A/B/C三组闪光灯焦距**
- **支持TTL光比A:B/A:B C**
- 内置辅助对焦灯(可禁用)
- 闪光模式：GR（组闪光）,E-TTL(II), 频闪闪光
- A/B/C三组灯可混合使用E-TTL(II)、手动闪光及超级同步
- 可单独调整A/B/C三组闪光灯曝光补偿或闪光输出(GR)
- 快门同步：前帘同步，后帘同步，HSS高速同步，支持最高同步速度为1/8000s
- 支持闪光包围曝光，曝光补偿，曝光锁定功能
- 支持景深预览造型灯闪光
- 支持闪光灯头变焦(自动，手动)
- Super Sync(SS)时延调整，更好支持(伪)高速同步功能
- 设置自动保存
- 可通过PC接口输入闪光同步信号
- 支持标准热靴(非佳能机身)的基本闪光引闪(最高同步速度为1/250s)

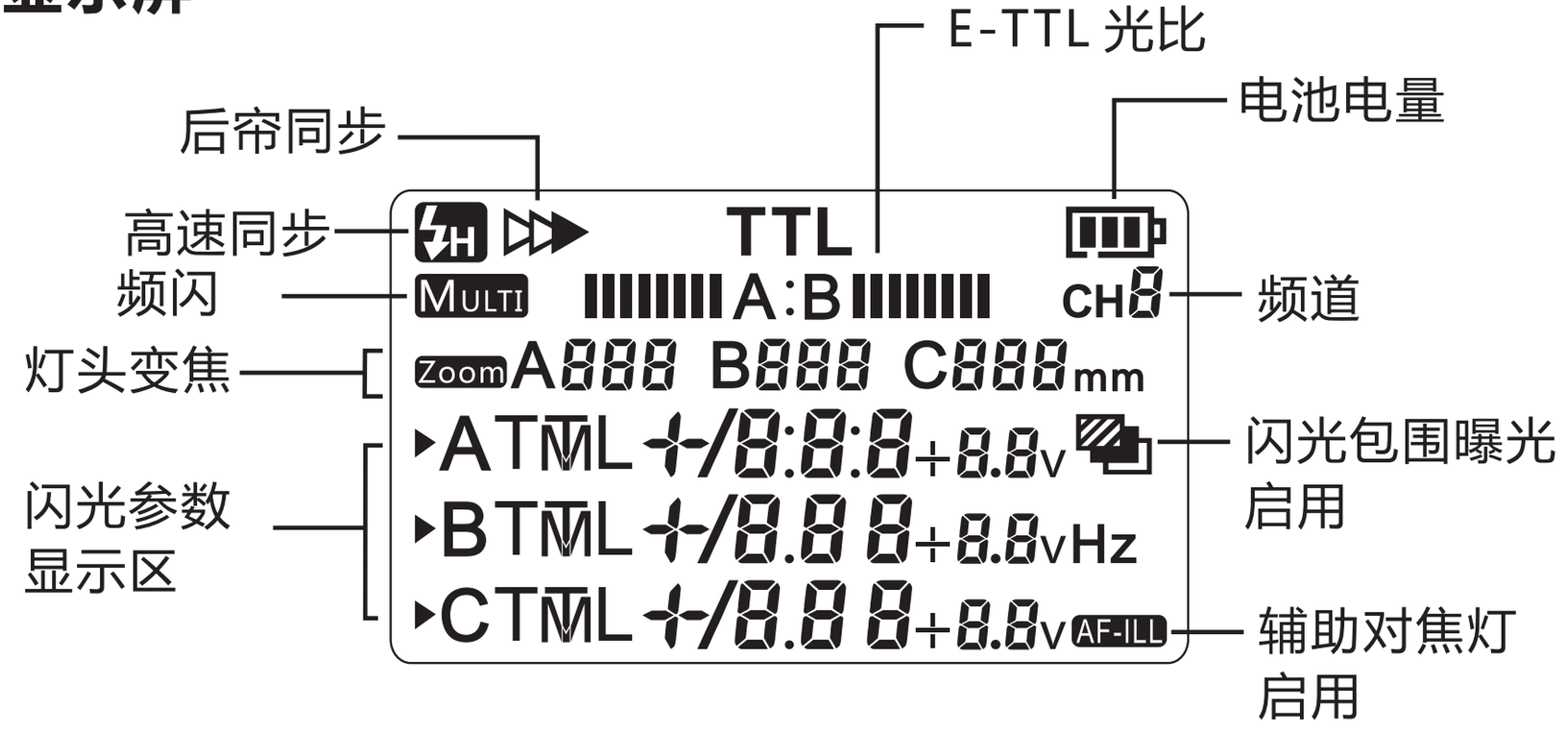
***以上功能需配合YN622C收发器使用， 以下功能的使用请参阅相机及闪光灯制造商说明书:曝光锁定(FEL)，景深预览造型灯闪光。**

各部位名称/快速使用指南

※此处保护薄膜可以撕去。



显示屏



各部位名称/快速使用指南

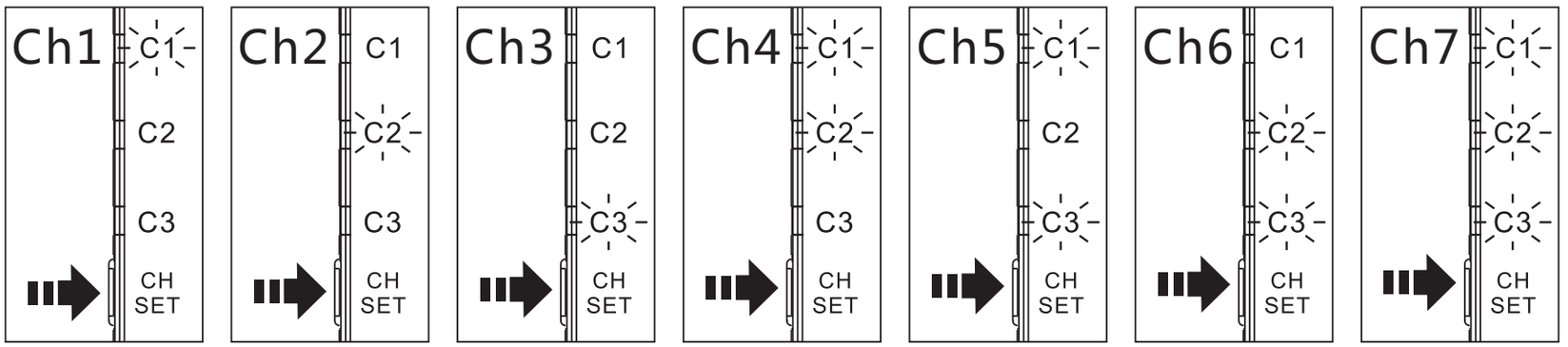
A-显示屏：显示控制器的所有设定。
B-2.5MM快门线接口：无线快门线功能(第16页)。
C-辅助对焦灯：辅助对焦灯功能(第14页)。
D-PC接口：输入闪光同步信号(第15页)。
E-USB接口：通过与电脑连接升级控制器固件(第19页)。
F- MODE/$^{E}_{M}$ 按钮：设置闪光模式。
G-GR/*按钮：短按移动箭头设置闪光组或其他参数，长按在不同模式下有不同功能。
H-TEST按钮：长按唤醒闪光灯，松开时测试闪光(第12页)。
I-选择/设置按钮组：多功能按钮组，包括【上】【下】【左】【右】及【OK】按钮，可设置各种参数。
J-SYNC/FN按钮：短按为闪光快门同步设置(第11页)，长按为自定义功能设置(第14页)。
K-ZOOM/CH按钮：短按设置焦距(第11页)，长按设置频道(第7页)。
L-电源开关：滑动至ON为电源开。
M-状态指示灯：通信时亮绿灯，引闪(快门释放)时亮红灯。
N-固定环及锁定销
O-热靴固定脚及触点
P-电池仓及电池仓盖

使用前准备

1.YN622C收发器设置：设置好YN622C频道及接收分组(根据YN622C使用说明操作)

2.YN622C-TX控制器设置:

1).安装两节AA(1.5V)电池（不含）。
2).安装控制器于相机机顶热靴。
3).开启电源：将电源开关设置在ON的位置。
4).设置频道: 长按【ZOOM/CH】按钮，再按选择/设置按钮组
设置与YN622C收发器相同的频道。



CH1 CH2 CH3 CH4 CH5 CH6 CH7

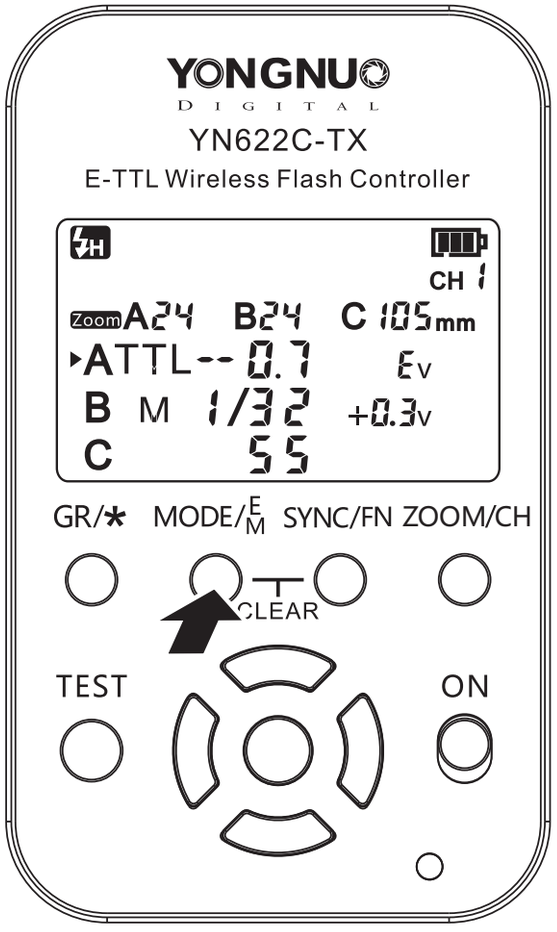
设置

设置闪光模式:GR/TTL/Multi

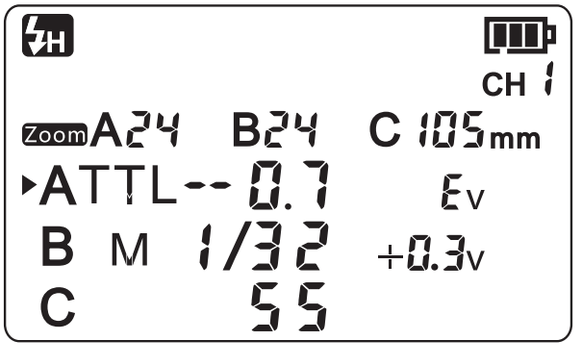
- 长按【MODE/$\frac{E}{M}$】按钮在GR/TTL/Multi 闪光模式切换。

- GR模式下，短按【 MODE/$\frac{E}{M}$】按钮切换当前箭头所指分组模式，在TTL/Multi模式下，短按该按钮也可以切换闪光模式。

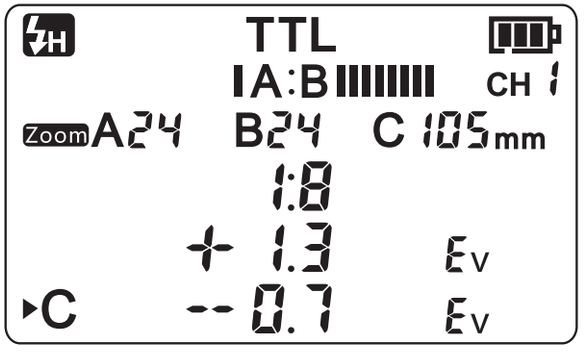
示例：



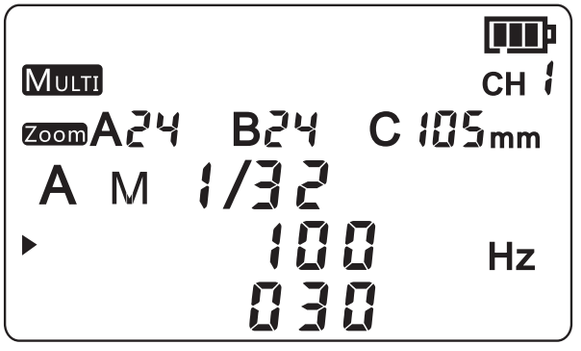
1.GR
(组闪光)



2.TTL
(自动闪光)



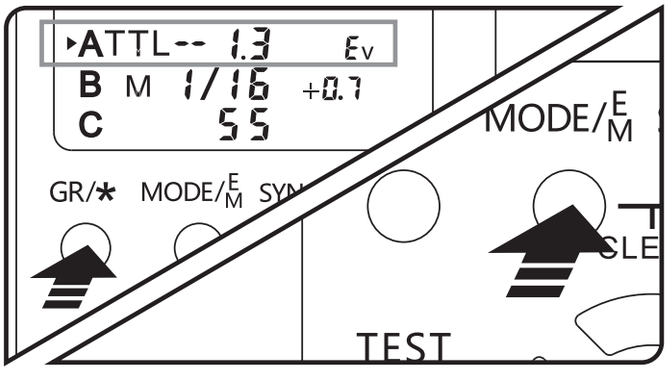
3.Multi
(频闪闪光)



设置

1.GR-组闪光模式:为各组设定不同的闪光模式拍摄

1).短按【GR/*】按钮选择设置组。
2).短按【MODE/$\frac{E}{M}$】按钮设置所选分组闪光模式，每按一次设置如下：



TTL：E-TTL(II)全自动闪光
支持按选择/设置组设置调整曝光补偿，范围-3至+3EV。如已在闪光灯上设置了曝光补偿，将与控制器设置的补偿值叠加。

M：手动闪光
调节范围1/128-1/1，按【左】或【右】调整，按【上】或【下】微调。

SS(SuperSync)：超级同步，见第14页

OFF：该组不参与闪光。

***GR模式下长按【GR/*】按钮可快速地同时关闭A/B两组闪光灯。**

设置

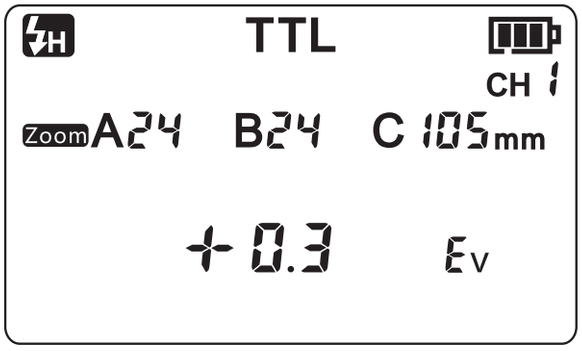
2.E-TTL（II）模式:全自动闪光

1.)设置闪光组:

长按【GR/*】按钮设置TTL闪光组。

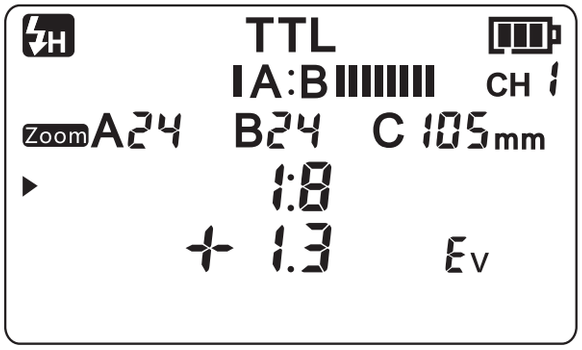
2.)设置光比或曝光补偿：

短按【GR/*】按钮选择项目，再按选择/设置按钮组设置参数。



1.闪光组-A+B+C(ALL)

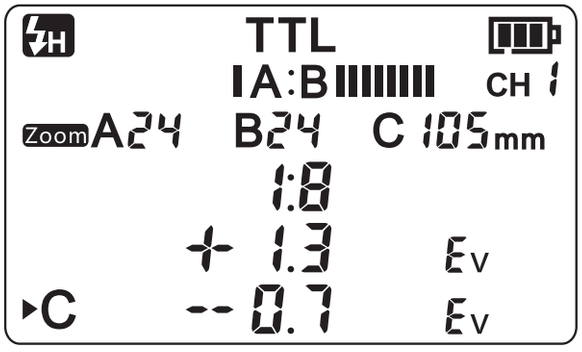
☜ 同时设置ABC三组曝光补偿



2.闪光组-A:B

☜ 设置A/B组光比

☜ 设置A/B组曝光补偿，C组不闪光



3.闪光组-A:B C

☜ 设置A/B组光比

☜ 设置A/B组曝光补偿

☜ 设置C组曝光补偿

设置

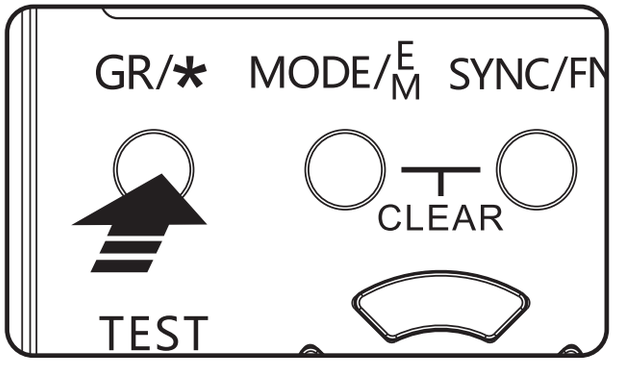
闪光光比设置的详细说明如下：

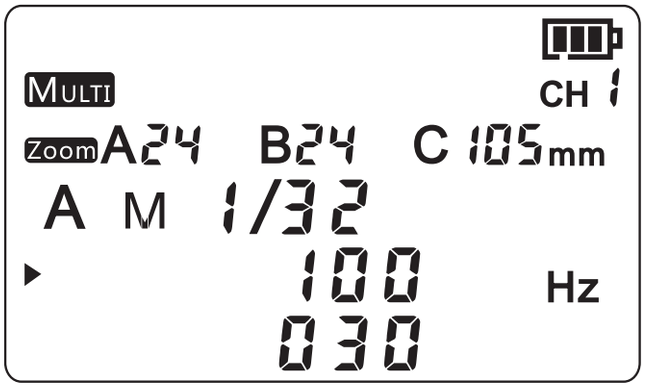
8:1 • 4:1 • 2:1 • 1:1 • 1:2 • 1:4 • 1:8 ☜ 按【左】【右】

5.6:1 2.8:1 1.4:1 1:1.4 1:2.8 1:5.6 ☜ 按【上】【下】

3.Multi:频闪闪光模式

短按【GR/*】选择设置的项目，按选择/设置按钮组设置参数。





☜设置频闪输出功率

☜设置频闪频率

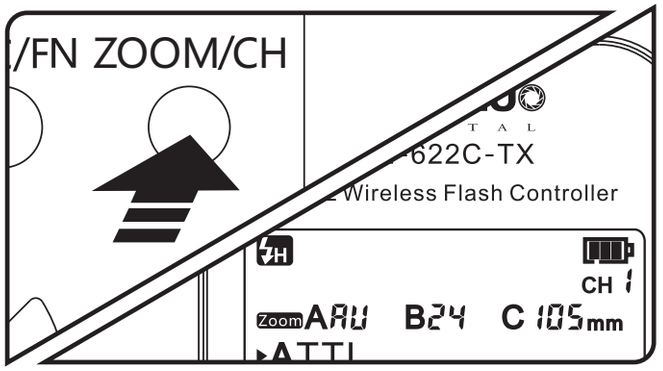
☜设置频闪闪光次数

***单独设置B/C组频闪输出功率需通过相机菜单设置(见第13页)**

设置

4.ZOOM:闪光覆盖范围设置

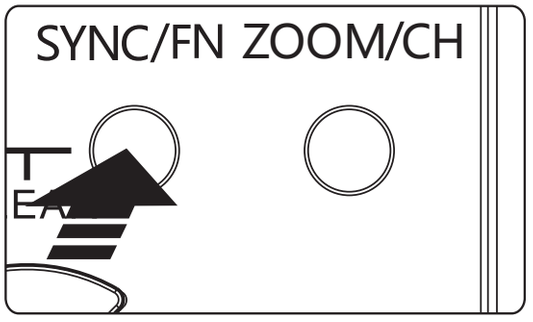
- **支持通过控制器设置收发器上的闪光灯的焦距。**



短按【ZOOM/CH】按钮，依次设置A/B/C组闪光灯焦距，再按选择/设置按钮组设置，支持设置的范围:手动24-105mm,AU(自动)。

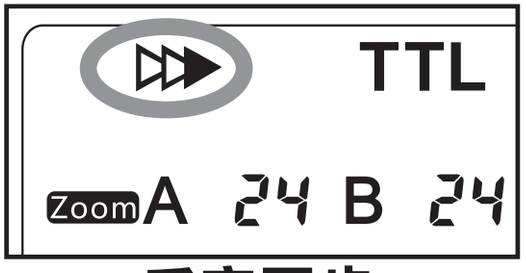
5.闪光快门同步

- 短按【SYNC/FN】按钮设置快门同步模式（频闪闪光除外），将有相关图标在控制器屏幕上显示。



前帘同步

高速同步



后帘同步

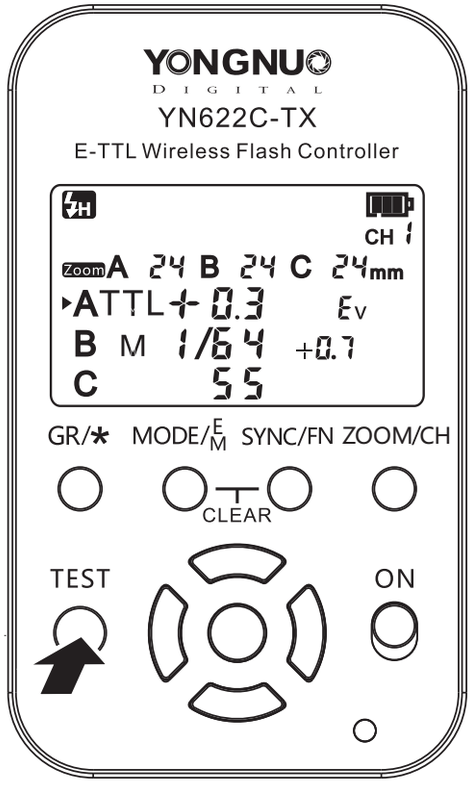
闪光灯唤醒、引闪

1.闪光灯唤醒、测试引闪

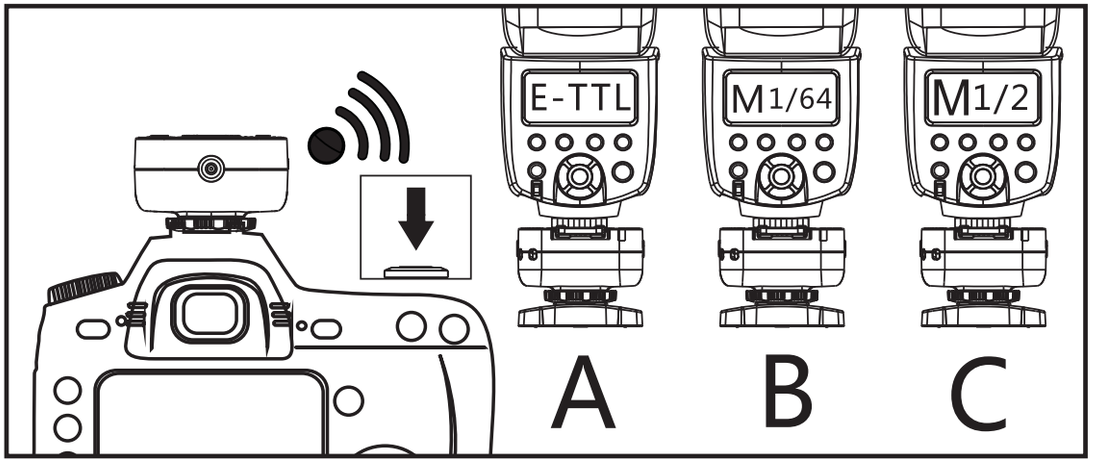
半按相机快门按钮或按住控制器【TEST】按钮，状态指示灯将点亮(绿色)，收发器的热靴闪光灯将被唤醒。松开【TEST】按钮时，所选分组闪光灯将被测试闪光一次。

2.引闪闪光灯

完全按下相机快门按钮时将同步引闪闪光灯，状态指示灯将点亮（红色）。



示例:



从相机的菜单画面进行控制

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控制器功能。有关相机操作，请参见相机的使用说明书。

- **从2012年以后发售的EOS数码相机:**支持E-TTL II，手动闪光，多次闪光，组闪光(GR)。

- **从2007年到2011年期间发售的EOS数码相机:**支持E-TTL II，手动闪光，多次闪光。

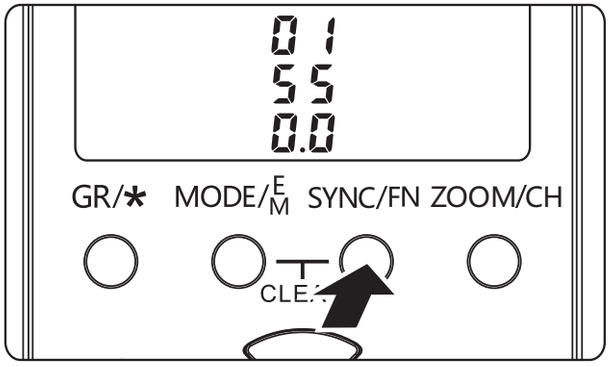
- TTL模式下支持通过相机菜单设置闪光包围曝光功能，显示屏将有相关图标显示（第4页）。

- 支持通过相机菜单设置A组闪光灯变焦。

- 可以通过外接闪光灯自定义功能设置包围曝光功能自动取消、辅助对焦灯开关。

***如启用了后帘同步，建议通过控制器设置各组闪光参数。**
***SS闪光模式不能通过相机菜单控制。**

自定义功能设置(C.FN)



1).长按【SYNC/FN】。
2).按【上】【下】按钮选择设置项目，按【左】【右】按钮设定参数。
3).按【OK】按钮确认并退出设置。

01-SS:(SuperSync)超级同步时延设置
设置的范围0.0-2.0（见第17页）

02-SHU(Shutter):无线快门功能
可设置为ON或OFF（见第16页）

03-AF:辅助对焦灯功能
可设置为ON或OFF，打开后显示屏将有相关图标显示(第4页)。

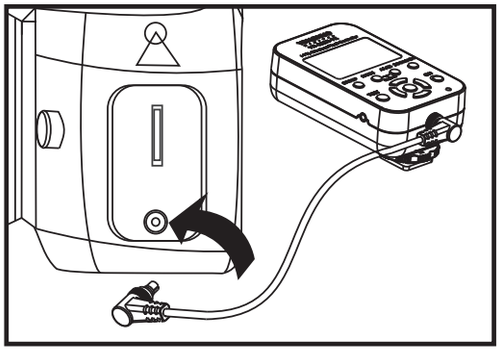
04-LEG (Legacy Flash Trigger):单触点引闪功能
见第15页，可设置为ON或OFF

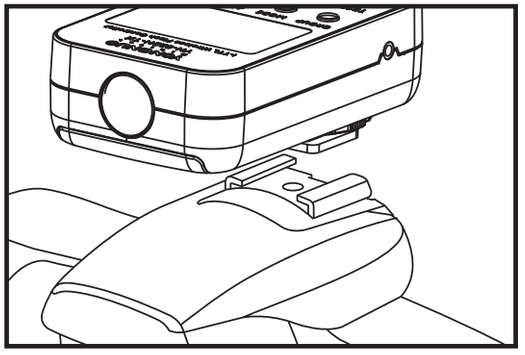
05-ECO (Ex Compat):EX系列闪光灯兼容
见第18页，可设置为ON或OFF

其他引闪模式

PC接口、基本闪光引闪

- **PC接口(仅限输入使用):**使用LS-PC/PC连接线(另购)连接控制器及相机的PC接口。
- **基本闪光(单触点)引闪:**安装控制器于标准热靴的相机。





1).发射分组设置：

依据控制器分组设置(GR)。

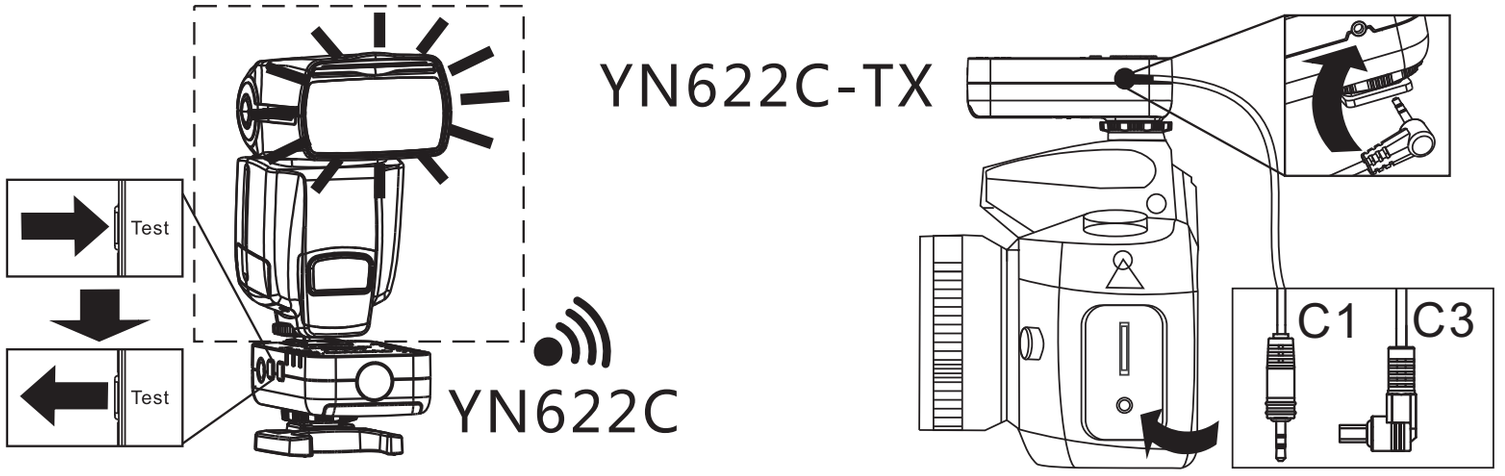
2).闪光模式设置：

通过闪光灯控制面板设置在手动闪光(M)模式，手动更改闪光输出，使用控制器PC接口或主闪光触点引闪，不支持高速同步或其他TTL功能(最高同步速度为1/250s或更低)。

***关于自定义功能04功能: 使用TTL引闪时请将本自定义功能设置为OFF，若使用单触点引闪工作不正常时，设置为ON。**

快门线功能

- **使用YN622C收发器无线发射，YN622C-TX控制器作快门信号输出。**



1).使用LS-2.5系列快门连接线将控制器与相机快门接口连接，使用2012年以后发售的EOS机型，无需使用快门线。

2).设置自定义功能02为ON(第14页)，打开无线快门功能。

3).按下YN622C收发器(若已安装闪光灯)的【TEST】按钮并松开时，闪光灯将被触发一次测试闪光，约1秒后将触发相机快门并同步闪光。

- **只支持单张拍摄。**
- **不使用快门线功能时，请将自定义功能02设置为“OFF”。**

参考

1.关于超级同步(SS)

• 使用非高速同步闪光灯实现更高的同步速度，本功能更适合闪光持续时间较长的影楼灯，需要相机使用高速同步，支持设置SS时延参数。

I.在自定义功能菜单01设置控制器SS时延参数：(见14页)

II.在GR模式下使用超级同步：

1.)将闪光灯设置在手动模式，支持使用热靴闪光灯或PC接口连接闪光灯。可能需要设置全功率闪光输出（1/1）。

2.)设置控制器快门同步为“高速同步”，快门同步速度最高可设置在1/8000s，根据使用的闪光灯、输出功率、快门速度不同调整至一个合适的时延参数。

3.)拍摄并检查照片是否同步，可能会看到光线的层次变化，效果将根据相机及闪光灯不同会有所不同。

2.关于自动保存功能:

• 控制器将自动保存频道，分组，焦距，闪光模式，辅助对焦灯等设置。

3.关于Ex Compat 引闪

使用430ex/550ex/580ex等不支持相机菜单控制的闪光灯时，开启本自定义功能以使用控制器远程调整这类闪光灯的手动闪光输出功率。

1).设置控制器自定义功能05为ON(第14页)。
2).将YN622C上的闪光灯设为E-TTL闪光模式。
3).将控制器设置为GR模式下使用手动闪光，设置闪光输出。

***闪光灯屏幕将不会显示输出功率。**
***不使用以上型号闪光灯时请将自定义功能05设置为OFF。**

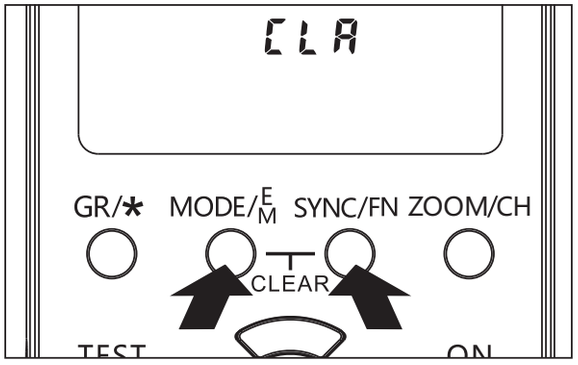
4.关于LCD背光:

- 按任何按钮，屏幕背光将点亮5秒。

5.关于电池电量显示:

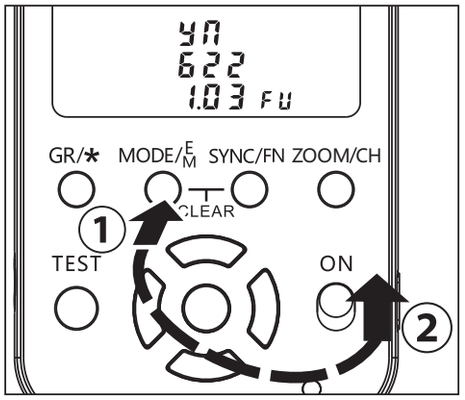
- 屏幕右上角电池图标将显示当前电量，当电量不足时，电池图标闪烁，请更换电池。

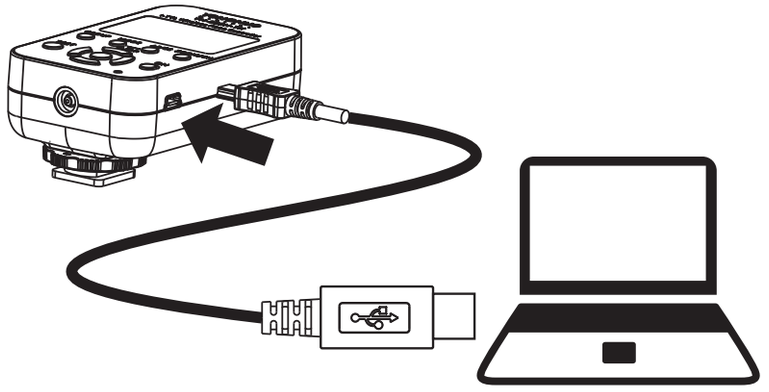
5.恢复出厂设置



同时按【MODE】与【SYNC/FN】按钮，直至屏幕出现如图所示后松开，恢复出厂设置。

6.USB固件升级





1).访问永诺官方网站:
http://www.hkyongnuo.com
下载固件升级程序及最新固件。
2).关闭电源，按住<MODE>按钮的同时重新打开电源，屏幕显示进入固件升级界面(将显示当前版本号)。
3).使用USB-MINIB连接线(不含)将控制器与PC进行连接。
4).按照软件上的提示完成固件升级操作。

故障排除

1.无法开机或自动关机：

• 电池装反或电池耗尽。

➢ 按照电池仓指示标志的正确方向安装（更换）电池，并确保电池有电，重新开启电源。

2.闪光灯不闪光：

➢ 确保所有设备电池电量充足，**闪光灯在就绪的状态（闪光灯回电指示灯已点亮）。**

➢ 确保控制器(收发器)，闪光灯及相机安装连接可靠。

➢ 确保控制器及收发器已设置在相同的频道及可控制的分组。

3. TTL闪光曝光过度或曝光不足

• 检查是否在相机机身或闪光灯上设置了曝光补偿；超出闪光有效距离可能会曝光不足;TTL与手动闪光模式混合使用时可能会过曝，此时手动灯适合作为背景灯使用。

❖ **在使用过程中遇到其他故障，建议进行以下步骤解决：**

1).重启所有设备。

2).给控制器/收发器更换电池。

3).恢复控制器及收发器出厂设置。

4).恢复相机/闪光灯出厂设置。

规格

系统模式：数字FSK 2.4GHz无线控制
距离： 100M
无线通道： 7个
闪光模式： GR(E-TTL(II)、手动、超级同步)/E-TTL(II)/频闪闪光
同步模式： 前帘、后帘、高速同步
分组控制： A/B/C 3个组别
最高同步速度：1/8000s
引闪接口：热靴、PC接口
快门接口：2.5MM快门接口
TTL光比：支持
USB固件升级：支持
辅助对焦灯功能：支持
闪光灯变焦功能：支持
电池：AAX2节（支持1.2V充电电池）3V
待机时间：120小时
体积：89.5×53.5×39mm
重量：82克

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。
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YONGNUO
DIGITAL

产品保修卡
Warranty card

序列号
SN. _____

产品名称
Product Model _____

购买日期
Purchase Date _____

用户名称
Name _____

联系电话
Phone _____

地址
Address _____

邮编
Zip Code _____

故障说明
Failure Description _____

V1.0