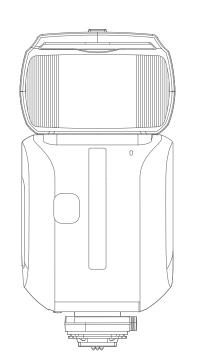
# **NEEWER**®



Z880 TTL Li-ion Camera Flash

Instruction Manual

### Copyright

© 2024 Shenzhen Neewer Technology Co., Ltd. All Rights Reserved. This document is the sole property of Shenzhen Neewer Technology Co., Ltd and shall not be, reproduced, transmitted, transcribed, stored in a retrieval system or translated in any form, by any means, without prior written permission from Shenzhen Neewer Technology Co., Ltd. Shenzhen Neewer Technology Co., Ltd reserves the right to change content in this instruction manual at any time and without prior notice.

### **Version Control**

Name of components

Date	Version number	Description	Issued by
Date	version number	'	issued by
05/08/2024	1.0	TTL Li-ion Camera Flash Manual	NEEWER®

English 01	
Français 31	
Deutsch 61	
Italiano 91	
Español121	
Nederlands 151	

### EN Foreword ----- 02 Precautions ----- 02 Package Contents ----- 03 Name of components ----- 03 Battery ----- 06 Power Management ----- 07 Mount / Unmount flash ----- 08 Flash Mode: E-TTL Autoflash ----- 08 1. E-TTL Mode 2. FEC(Flash Exposure Compensation) 3. FEB(Flash Exposure Bracketing) 4. FEL: Flash Exposure Lock 5. HSS: High Speed Sync 6. Second-Curtain Sync 7. TCM - One key switching E-TTL/M mode M: Manual Flash ----- 12 Multi: Stroboscopic Flash ----- 13 Wireless Flash Shooting: Wireless (2.4G) Transmission ---- 14 1. Wireless Settings 2. Turn off TX unit flash 3. Setting the communication channel 4. Wireless ID Settings 5. Scan for a free, unused channel 6. ETTL: Automatic wireless flash photography 7. M: Manual Wireless Flash Shooting 8. Multi: Wireless Flash Shooting with Manual Flash Wireless Flash Shooting: Wireless (2.4G) Transmission ---- 21 Other Applications ----- 22 1. Sync Triggering 2. Auto Focus Assist Beam 3 Bounce Flash 4. ZOOM: Set the flash coverage 5. Modeling Lamp 6. Modeling Flash 7. Creating an Eye Catchlight 8. Using the Wide Angle Diffuser Plate C.Fn: Setting Custom Functions ----- 25 Control using the Camera's Menu Screen ----- 26 Protection Function ----- 27 Technical Data ----- 28 Troubleshooting ----- 29 Firmware upgrade ----- 30 Restore factory settings ----- 30

Compatible Cameras ----- 30

(Catalog)

### Foreword

Thank you for your purchase of a **NEEWER**® product.

This Z880 camera flash has been designed with the Canon EOS series cameras in mind and is compatible with E-TTL II autoflash feature. Simplify your shoots with this E-TTL compatible flash which allows the user to obtain the correct flash exposure even in more complex environments with variable lighting levels. This camera flash features:

• Maximum flash power of 76Ws, 81 levels of dimming (1/1~1/256)

 $\bullet\,$  2600mAh Li-polymer battery with an autonomy of 480 flashes at full power, 1.5 seconds fast recharge.

• Supports E-TTL auto flash, which can be used as the master or

slave unit of a wireless multi-lamp flash system - making shooting

• Screen for an intuitive display and easy operation.

• Built-in 2.4GHz wireless transmission, Integrated transmitter and receiver with a large radius.

• Supports manual frequency flash mode, HSS/second curtain sync /FEC and other E-TTL II functions.

• Stable output, High speed continuous flash and color temperature with good even lighting.

• Firmware will be upgraded as the camera is updated.

### Precautions )

easier and faster.

1. Always keep this product dry.

2. Keep this product out of reach of children.

3. Do not disassemble or modify the product. 4. Do not subject to any form of physical shock. The product shouldn't be exposed to fire or an environment where the temperature exceeds 50 degrees.

5. Do not fire the flash directly into the eyes which could result in visual impairment

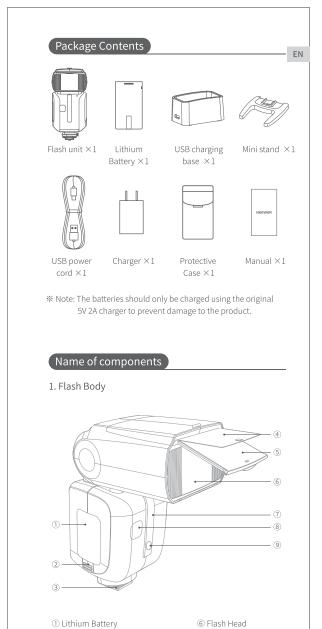
6. Do not use the product near chemicals, flammable gases or other volatile substances which may cause fire or electromagnetic interference.

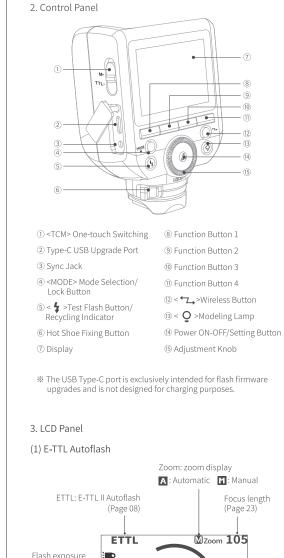
7. Do not use in the rain or in damp conditions.

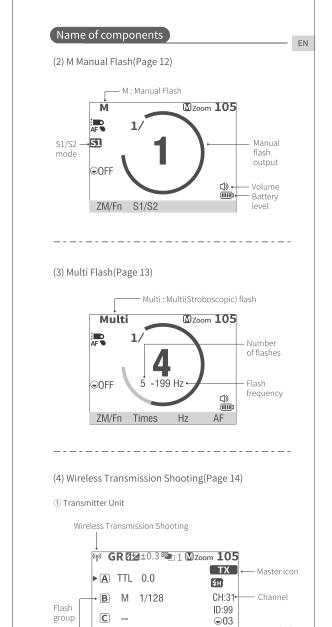
8. Turn off the product immediately, if it appears to be operating abnormally, and try to troubleshoot the likely cause.

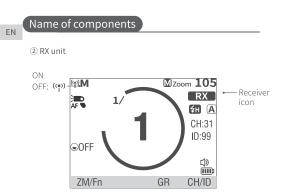
9. Failure to comply with the recommendations and warnings

listed in the manual will invalidate the warranty.









## Battery

1. Features

① This flash unit uses Li-ion polymer battery which boasts a long service life and can be charged / discharged up to 500 times. ② Safe and reliable, the built-in circuit protects against overcharge,

overdischarge, overcurrent, and short circuit.  $\ensuremath{\,^{\circlearrowleft}}$  The standard charge time to fully charge the battery is 3.5 hours

using the charger.

2. Caution ① Do not short circuit.

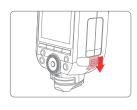
2 Do not immerse the battery in water. ③ Keep the battery out of reach of children.

① Do not exceed 24 hours of continuous charging.

Store the battery in a dry, cool and ventilated environment.Do not place the battery near or in a fire. Dead batteries should be disposed according to local regulations.

® If the battery isn't to be used for some time, please ensure it is charged at least every 3 months.

3. Inserting and Removing the Battery



① Removing the battery Slide the button in the direction shown to remove the battery.

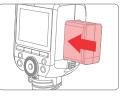
# ( Battery

② Battery Release Button

⑤ Wide angle diffusion panel

(3) Hot Shoe Base

4 Reflector



② Inserting the battery Insert the lithium battery into the battery compartment in the direction indicated by the battery until the fastener snaps into place.

EN

Wireless Sensor

® Modeling Lamp

Focus Assist Lamp

# 4. Battery Level Indicator

Make sure the battery is securely inserted in the flash. Check the battery level indication on the LCD panel to see the remaining battery level.

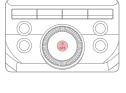
Battery Level



Indicates	
Full	
Medium	
Low	
Very low	
Low battery. Please charge as soon as possible	
Battery is about to run out. The flash will no longer work.	
Please recharge the battery as soon as possible (within 10 days). the battery can then be used or stored for a long period.	

# Power Management

Use ON/OFF Power Switch to power the flash unit on or off. Please  $\,$ turn off the power if the flash won't be used for a long period. When setting as a transmitter (TX) flash, the flash will turn the power off automatically after a certain period (approx. 90 seconds) of inactivity. Pressing the camera shutter halfway or pressing any flash button will wake up the flash unit. When setting as a receiver (RX) flash, it will enter sleep mode after a certain period (adjustable, 60 minutes by default) of idle use. Pressing any flash button will



Press and hold the power button for 2s to turn the flash on/off.

# Power Management

₹H ·

(Page 11) rtain

High speed synd

Rear cu

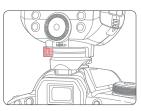
synchronization (Page 11) ₹H

⊕0FF

Note:  $\ensuremath{ \textcircled{\scriptsize 1}}$  When used off the camera, it is recommended that you customize the function to disable "automatic power off". ② Receiver Auto Power Off Timer is set to 60 minutes by default. A 30 minute timer can also be applied.

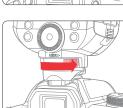
ZM/Fn FEB SYNC

# Mount / Unmount flash



1. Mount the Camera Flash Turn the locking ring to the left to fully insert the

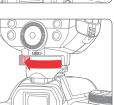
AF



camera's hot shoe.



2. Secure the Camera Flash Rotate the locking ring to the right until secure



3. Unmount the Camera Press the button and rotate the hotshoe locking ring to the left to loosen

# Flash Mode: E-TTL Autoflash

This flash has three flash modes: E-TTL, Manual (M), and Multi (Stroboscopic). In E-TTL mode, the camera's metering system detects flash illumination reflected from the subject and automatically adjusts the flash output to balance the exposure of the subject and background. Flash Exposure compensation (FEC), flash exposure bracketing (FEB), high-speed sync (HSS), second-curtain shutter sync, flash exposure lock (FEL), aperture preview shadow flash, and Canon camera menu access are

\*\* Press < MODE > Mode Selection Button. The three flash modes will display on the LCD panel in a cycle.

### Flash Mode: E-TTL Autoflash 1. E-TTL Mode

**D** TTL - 1.7

ZM/Fn GR/Fec MODE SYNC

Press < MODE > Mode Selection Button to enter E-TTL mode

② A pre-flash is fired moments before the shutter is released, and the flash receives camera information for the main flash.

2. FEC(Flash Exposure Compensation) In FEC mode, the flash can adjust flash exposure compensation in





1) Turn the Select Dial to set the

Master Flash

Flash ON: 🔫

Flash OFF:

EN

AF (III)

amount.



2 "0.3" indicates 1/3 step, "0.7" indicates 2/3 step.

③ To cancel the flash exposure compensation, set the amount to "0.0".

FEB(Flash surround Exposure) automatically changes the flash

## camera will record three photos with different flash outputs (correct exposure, underexposure, and overexposure). This function helps obtain correct exposure which is key when shooting moving objects or when environmental lighting is more complex

(1) Press function button 2 <FEB> < 🖦 > icon and the FEB



so that the screen displays the amount will be highlighted on the LCD panel.

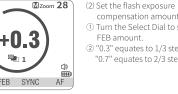


Multi: Stroboscopic Flash

in a single photograph.

Multi

**⊕**0FF



The term stroboscopic flash relates to a rapid series of flashes being

fired. It can be used to capture multiple images of a moving subject

as Hz), the number of flashes, and the flash output

Ó

ZM/Fn Times Hz AF

Calculating the Shutter Speed:

camera to rest for 15 minutes.

against a dark background.

mode.

You can set the firing frequency (number of flashes per sec. expressed

During a stroboscopic flash, the shutter remains open until the firing

stops. Use the formula below to calculate the shutter speed and set

Number of Flashes / Flash Frequency = Shutter Speed

For example, if the number of flashes is 10 and the firing frequency

\* To avoid overheating and deterioration of the flash head, do not use the stroboscopic flash more than 10 times in succession. After

 $10\,\mathrm{times},$  allow the camera flash to rest for at least  $15\,\mathrm{minutes}.$  If

succession, the flash may stop flashing automatically. This is to

\* Stroboscopic flash is most effective with a highly reflective subject

 $^{\star}$  A flash output of 1/1 and 1/2 cannot be set for stroboscopic flash

\* If the flash count is displayed as --, the flash will fire continuously

until the shutter release or the battery is exhausted. The number

\* Stroboscopic flashes can be used with the "buLb" function.

of flashes will be limited as shown in the table below.

you try to use the stroboscopic flash more than 10 times in

protect the flash head. Should this happen, please allow the

 $\ensuremath{^{\star}}$  It is recommended to use a tripod and a remote control.

is 5 Hz, the shutter speed should be at least 2 seconds.



(3) Press Set Button again to confirm the setting. The FEC and FEB settings are displayed on the LCD panel.

 $^{\star}$  FEB will be canceled after three photos are taken.

\* For FEB, set the camera drive mode to "single" and ensure the flash is ready before shooting.

\* FEB can be used with FEC and FEL

 $^{\star}$  The Flash bracketing function will stop after taking three shots. This can be kept enabled in the camera customization menu

settings.

4. FEL: Flash Exposure Lock

FEL can lock the correct flash exposure setting for any part of the With <ETTL> displayed on the LCD panel, press the camera's <FEL> button. If the camera does not have the <FEL> button,

(1) Bring the subject into focus (2) Press the <FEL> button

1) Aim the center of the

press the < \* > button.

viewfinder at the subject, and then press the<FEL>

② The camera flash will fire a preflash and the required flash output for the subject is memorized. 3 "FEL" will show in the viewfinder for 0.5 seconds

4 Each time the <FEL> button is pressed, a preflash will be fired and a new flash exposure setting will be locked. \* If the subject is too far away and underexposured, the < \$ > icon will flash in the viewfinder. Please approach the subject and try

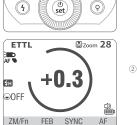
 $^{\star}$  Flash exposure lock cannot be set if <ETTL> is not displayed on \* Flash exposure lock may not work effectively if the subject is too

Flash Exposure Lock (FEL) function again.

# Flash Mode: E-TTL Autoflash)

# 5. HSS: High Speed Sync

High Speed Sync (FP flash) enables the flash to synchronize with all camera shutter speeds. This is convenient when you want to use aperture priority for fill-flash portraits.



< SYNC > so that < \$H > displays.

① Press Function Button 3

EN

ZM/Fn FEB SYNC AF \* If the shutter speed is set to equal or slower than the camera's maximum flash sync speed, < \$\forall H > will not appear in the

the effective flash range. \* To return to normal flash, press < SYNC > button again. Then

< ≰H >will disappear. \* Multi flash mode cannot be set in high-speed sync mode. \* Over-temperature protection may be activated after 30

### 6. Second-Curtain Sync With a slow shutter speed, you can create a trail of light following

the subject. The flash fires right before the shutter closes. Press Function Button 3



② Check that < 🗱 > is displayed in the viewfinder.

viewfinder. \* With high-speed sync, the faster the shutter speed, the shorter

consecutive high-speed sync flashes.

displays.

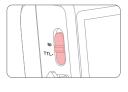
< SYNC > so that < 💓 >

\_\_\_\_\_\_



# 「Flash Mode: E-TTL Autoflash )

# 7. TCM - One key switching E-TTL/M mode:



M: Manual Flash

Utilize E-TTL auto mode for quick metering while retaining metering data, and seamlessly switch to manual mode for precise adjustments

Toggle the TCM button to 'M' for

The flash output is adjustable from 1/1 full power to 1/256th power in 1/10th stop increments. To obtain a correct flash exposure, use a hand-held flash meter to determine the required flash output.



1) Press < MODE > button so that <M> is displayed.

2 Turn the Select Dial to set the flash output rating.

\* S1 Optical control unit setting In M manual flash mode, the S1 function can be used and the flash unit can function as an optical secondary flash. It will fire

Press function button 2 to adjust the S1/S2 mode

synchronously when the main flash fires, the same effect as that obtained by the use of radio triggers. This helps the photographer create multiple lighting effects. \* S2 Optical control unit setting

In M manual flash mode, the S2 function can be used and the flash

will ignore the pre-flash emitted by the  $\,$  TTL flash and will only fire in

unit can function as an optical S2 secondary flash. In this mode, it

response to the second flash from the main unit.

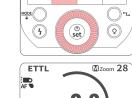
Note: S1 and S2 optical triggering is only available in M manual flash

① Press the camera release button halfway to focus.

\_\_\_\_\_\_

## \_\_\_\_\_\_ 3. FEB(Flash Exposure Bracketing)

output in 1/3rd stops from -3 to +3. When using this function, the



compensation amount ① Turn the Select Dial to set the ② "0.3" equates to 1/3 step, "0.7" equates to 2/3 step.

> (1) Press the <MODE> button so that <MULTI > displays.

(2) Set the flash frequency and the

② Press the Function Button 3

(3) Turn the adjustment knob to

set the flash output power.

frequency. Turn the Select Dial

<Hz> to select the flash

to set the value.

number of flashes. ① Press the Function Button 2 <Times> to select the number of flashes. Turn the Select Dial

# 10

09

Multi: Stroboscopic Flash

Maximum number of strobe flashes

Flash Hz output	1	2	3	4	5	6-7	8-9
1/4	8	6	4	3	3	2	2
1/8	14	14	12	10	8	6	5
1/16	30	30	30	20	20	20	10
1/32	60	60	60	50	50	40	30
1/64	90	90	90	80	80	70	60
1/128	100	100	100	100	100	90	80
1/256	100	100	100	100	100	90	80

Flash Hz output	10	11	12-14	15-19	20-50	60-199
1/4	2	2	2	2	2	2
1/8	4	4	4	4	4	4
1/16	8	8	8	8	8	8
1/32	20	20	20	18	16	12
1/64	50	40	40	35	30	20
1/128	70	70	60	50	40	40
1/256	70	70	60	50	40	40

# Wireless Flash Shooting: Wireless (2.4G) Transmission

\* When the camera's shooting mode is set to a fully automatic

mode or an Image Zone mode, the operations explored in this chapter are not available. Please set the camera's shooting mode to P/Tv/Av/M/B (Creative Zone Mode). \* The Z880 attached to the camera is called the transmitter unit.

and a Z880 that is wirelessly controlled is called the receiver unit.

Using a flash (transmitter/receiver) with a radio transmission wireless shooting function make it easy to shoot with advanced wireless multiple flash lighting, in the same way as E-TTL II autoflash shooting.The basic relative position and operation range are as

shooting):

Autoflash Shooting with One Receiver Unit

shown in the picture. You can then perform wireless E-TTL II autoflash shooting by setting the transmitter unit to <ETTL>. Positioning and Operation Range (Example of wireless flash

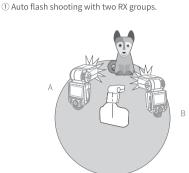
\* Use the supplied mini stand to position the Receiver unit.

\* Perform a test flash and test shot before shooting.

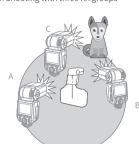
\* The transmission distance might be shorter depending on the conditions such as the positioning of the Receiver units, the surrounding environment and weather conditions.

Wireless Multiple Flash Shooting You can split the slave unit into two or three groups and shoot E-TTL II Auto Flash while changing the flash ratio (focus). In addition, each flash group (up to four groups) can be set and shot

with different flash modes.



② Auto flash Shooting with three RX groups



Wireless Flash Shooting: Wireless (2.4G) Transmission

om 28

₹H A

CH:31

① Attach a camera Z880 flash on the camera and set it as the

② A signal transmitter can also be used as the TX control unit.

The transmitter can control the ZOOM value of the Z880  $\,$  ,

Mount the Z880 camera flash as the wireless Receiver Unit.

Set the channel of the Transmitter unit and Receiver unit to

the same values. Set the Transmitter unit channel (page 17).

(corresponding Gr/CH) to adjust the group channel.

 $\ensuremath{\textcircled{1}}$  Check that the Transmitter flash ready indicator is lit

① Press the Transmitter unit's Test Button < 4 >.

receiver is placed within the operating range.

Using Automatic Wireless Flash with Multiple

The Receiver unit can be set to press the function button 3/4

Position the camera and flashes as indicated by the picture.

② When the Receiver flash ready indicator is ready, the AF-assist beam lighting area will flash at 1 second intervals.

② The Receiver unit should then flash. If it doesn't, check the

GR CH/ID

transmitter unit. Set it to ON to flash.(Page 17)

but the ZOOM must be set to auto A mode.

(3) Check the communication channel

(4) Position the camera and flashes

(5) Check if the flash is ready

(6) Check the flash operation

Receiver (RX) Units

RX Unit

(P)ETTL

⊕0FF

ZM/Fn

(1) Transmitter Unit Setting

(2) Receiver Unit Setting

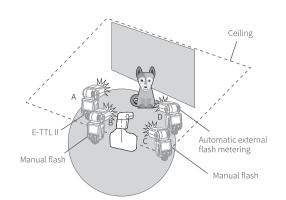
(Page 15)

EN

EN

### Wireless Flash Shooting: Wireless (2.4G) Transmission

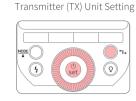
3 Shooting with a Different Flash Mode set for Each Group



 $^{\star}$  The flash mode Settings shown above are only used as examples.

### 1. Wireless Settings

You can switch between normal flash and wireless flash. For normal flash, be sure to set wireless Settings to "off".



WL OFF RX ► TX **∑**Zoom **28** ►A TTL 0.0

> WL OFF RX

> > **∑**Zoom 28

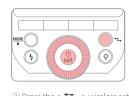
RX \$H A

① Press the <  $\leadsto$  > wireless setting button and turn the adjustment knob to select TX.

 $\ensuremath{\textcircled{2}}$  Press the Setup button to confirm. The screen will display the symbols < ((1)) > and < TX >.

(r)M

### Receiver (RX) Unit Setting



① Press the < >> wireless setting button and turn the adjustment knob to select RX.  $\ensuremath{\textcircled{2}}$  Press the Setup button to confirm. The screen will display the

symbols < ((p)) > and < RX >

When the number of RX units is increased or the TX flash is setto ON, automatic control ensures that all flashes fire at the same flash  $\,$ output so that the total flash output meets the standard exposure.

Wireless Flash Shooting: Wireless (2.4G) Transmission

\* Press the depth-of-field preview button on the camera to fire a modeling flash.

 $^{\star}$  If the auto power off of the RX unit has kicked in, press the test button on the TX unit to trigger a flash button enables the RX unit. Please note that the flash cannot be tested during the camera's metering time.

 $^{\star}$  It is possible to modifyy the amount of time before the RX unit automatically powers off. \* It is also possible to set so that the autofocus assist transmitter

does not flash when the RX unit has finished powering up.

### Using a fully automatic wireless flash The flash exposure compensation (FEC) and other settings set on

the TX unit are also set automatically in the RX unit. Operation of the RX unit is not required. The following settings can be used for shooting with no line flash in the same way as for normal flash shooting. ① Flash Exposure Compensation ② Manual Flash

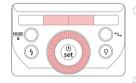
3 Flash Exposure Lock 4 Stroboscopic Flash

### About Transmitter Unit Two or more TX units can be used. By configuring multiple

cameras with TX units, you can change the cameras used for shooting while maintaining the same lighting (RX units). \_\_\_\_\_\_

## 7. M: Manual Wireless Flash Shooting

Shooting with manual flash with no line (multi-flash) allows you to set different flash outputs for each RX unit (flash group) for shooting. All parameters need to be set on the TX control unit.



Press Function Button 2 <GR/Fec> to select the group, and then press Function Button 3 < MODE > to choose

the Moption



ZM/Fn GR/Fec MODE SYNC

□ TTL - 1.7

2) Rotate the adjustment knob to adjust the flash output for the flash group, and press the Setting button to confirm.

③ Taking pictures. Each group fired at the set flash ratio.

Press and hold function button 2 <GR/Fec>, then turn knob to set exposure compensation for all groups.

AF (III)

## Wireless Flash Shooting: Wireless (2.4G) Transmission - EN

Wireless Flash Shooting: Wireless (2.4G) Transmission

When the Transmitter (TX) unit is set to OFF, only the Receiver

Ō

V1.0.16

ON

OFF

ON

OFF ▶

100M

3. Setting the communication channel

Ó

ON

OFF

OFF

**4** 08 ▶

\_\_\_\_\_\_\_

In addition to changing the wireless communication channel to

avoid signal interference, you can also change the wireless ID to

prevent interference. Set the channel and the wireless ID of the

transmitter unit and the receiver unit to the same values. Go to C.Fn ID and choose wireless ID from 01 to 99. Select OFF to disable

MENU V1.0.16

(b) set

\_\_\_\_\_\_

If there is more than one wireless flash system nearby, you can

Ensure that the channel of the transmitter and receiver units are

change the communication channel to prevent signal interference.

① Long press function button 1 < ZM/Fn> to enter custom

② Set Transmitter to ON/OFF to control the On/Off of the

Even if the master unit is

disabled, it will still fire a

preflash in order to transmit

After adjusting the settings,

press function button 1 to exit

① Long press function button 1 < ZM/Fn> to enter custom

2 In Custom CH settings screen,

a channel from 1 to 32.

\* After setting, press function

17

turn the Select Dial to choose

CH settings.

button 1 to exit

Transmitter unit.

wireless signals.

<TX> setting.

2. Turn off TX unit flash

(RX) units will fire a flash.

4

ID

BEEP

DIST

matching.

4

ΑF

STBY

SCAN

Rx STBY

4. Wireless ID Settings

FEB ACL

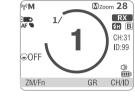
(b) set

MENU

- EN

Setting <M> Flash Mode

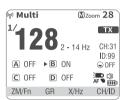
You can directly operate the Receiver unit to manually set the manual flash or stroboscopic flash.



(1) Setting the Receiver unit. (2) Setting flash mode to <M>. ① Press <MODE> button so that <M> displays. ② Set the manual flash output.

### 8. Multi: Wireless Flash Shooting with Manual Flash

\_-----



(r)Multi

etc.)

To set the <MULTI> strobe mode. 1) In the main control screen

mode, press the <MODE> mode selection button to display <MULTI> ② Set the strobe flash setting

in the main control screer

In receiver unit mode, press the <MODE> button to display <MULTI>.

## ID:99 ZM/Fn X/Hz GR CH/ID

### Troubleshooting: 2.4G wireless flash misfiring

☑zoom 28

₹H B

1. Interference of the 2.4g signal resulting from external factors (such as a wireless hub, 2.4G Wi-Fi routing, Bluetooth equipment,

→ Please adjust the channel CH setting of the transmitter(+10 is recommended) to find a channel without interference, or turn off other 2.4G devices in close proximity whilst working.

2. Please ensure that the flash is fully recycled, the flash ready

indicator is on and that the overheat protection feature hasn't been triggered

ightarrow Please lower the flash setting by changing to manual mode (M) If the device is in TTL mode, you need to fire a preflash) 3. Please check whether the flash detector and the receiving device

are running low on power → Please replace the batteries (1.5V disposable alkaline batteries are recommended for the flash receiver battery)

### Other Applications EN

18

### 1. Sync Triggering

The Sync Cord Jack is a Φ2.5mm connector. Insert a trigger plug here and the flash will be fired in sync with the camera shutter.

2. Auto Focus Assist Beam

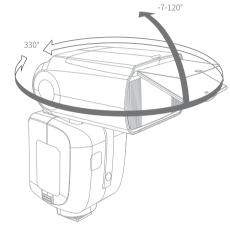
To turn off the autofocus function, set "AF" to "OFF" in C.Fn.

\* If the user finds that the assisted focus light is not on when using it, it is because the camera is already accurately focused.

POSITION	Operating range
Center	0.6-10m / 2.0-32.8 feet
Periphery	0.6-5m / 2.0-16.4 feet

By pointing the flash head toward a wall or ceiling, the flash will bounce off the surface before illuminating the subject. This can soften shadows behind the subject for a more natural-looking shot. This is commonly known as a 'bounce flash'

Position the flash head to set the bounce direction.



be too weak and result in underexposure

reflectance. If the bounce surface isn't white it will result in

\* The wall or ceiling should be a plain, white color for high

EN

# Other Applications

## 4. ZOOM: Set the flash coverage

The flash coverage can be set automatically or manually. It can be set to match the lens focal length from 20mm to 200mm. In auto zoom, the focal length changes with the camera's zoom lens to provide the best flash effect



When performing a manual zoom, short press function button 1 < ZM/Fn>.

When a larger flash output

is required, you can

as a single flash.

increase the number of

slave units and flash them

To add receiver (RX) units,

use the same steps as setting

a single Receiver unit " . Any

"automatic wireless flash with

flash group can be set (A/B/C/

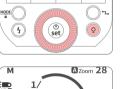
- EN

EN

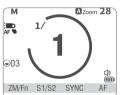
① Turn the Select Dial to change the flash coverage. ② If A is displayed, the flash coverage will be set automatically.

\* If you set the flash coverage manually, make sure it covers the lens focal length so that the picture will not have a dark periphery.

# 5. Modeling Lamp



Switching on the Modeling Lamp 1) Short press the modeling lamp button < Q >.



to confirm the selection.



② Rotate the adjustment knob brightness level from 01 to 10.

temporarily during a flash.

\* In the menu, the modeling lamp can be kent on or dimmed

# 6. Modeling Flash

If your camera has a depth-of-field preview button, pressing it activates a 1-second continuous flash, known as modeling flash. This feature helps you observe the effect of the light and shadow on your subject and evaluate the illumination balance, whether you're using wireless or standard flash

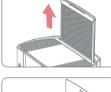
\* Avoid triggering the modeling flash more than 10 times in quick succession. If you've performed 10 consecutive modeling flashes, please allow the flash to cool down for at least 10 minutes to prevent overheating or damage to the flash head.

\* Please note that modeling flash is not supported on EOS 300 and B models.

# Other Applications

## 7. Creating an Eye Catchlight Using the reflector panel to create a catchlight in the subject's

eyes to make facial expressions more vivid. ① Rotate the flash head up 90°.



2 Pull out the reflector and the wide angle panel will pop out at the same time.



1.5m/4.9ft of the camera.

3 Push in the reflector • Push in the reflector only. • Follow the same steps mentioned in the section

covering Bounce Flash

\* Point the flash head forward and tilt it 90° upward. If you rotate the flash head left or right, no catch light will be produced. \* For best eye catchlight results, the subject must not be within

# 8. Using the Wide Angle Diffuser Plate

Pull out the wide angle diffuser plate and place it over the flash head to extend the flash range. In doing so, you will obtain a softer and more natural flash output.



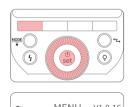
back to the original position

Pull out the wide angle diffuser plate and place it on the flash head. The flash light coverage will be extended to 14mm.

Use the Customize function to complete settings according to the following chart.

C.Fn: Setting Custom Functions

Symbols			Instructions
		ON	on
AF	AF-assist beam	OFF	off
OTDV.		ON	on
STBY	Auto sleep setting	OFF	off
		60min	60min
Rx STBY	Receiver auto power off timer	30min	30min
		OFF	off
	Scan for	OFF	off
SCAN	idle channels	START	Start search for idle channel
СН	Channel setting	01~32	Choose a channel from 01-32
	Wireless ID	OFF	off
ID		01-99	Choose any figure from 01-99
DEED		ON	on
BEEP	Beeper	OFF	off
FFD ACI		ON	on
FEB ACL	FEB auto cancel	OFF	off
TV	Transmitter	OFF	off
TX	unit control	ON	on
DICT	Electric Control	1-100M	1-100M flash
DIST	Flash distance	0-10M	0-10M flash
MODEL	Modeling Lamp	CONT	Modeling Light Continuous
MODEL		INTER	Modeling light interrupted



1. Long press the function button 1 < ZM/Fn> to access the customized menu. 2. Rotate the adjustment knob to choose a parameter. 3. Press the Setting button to

<b>~</b>	MENU	V1.0.16
ID		∢ ON ▶
BEEP		OFF
FEB ACL		ON
TX		OFF
DIST		100M

enter the parameter

		7
<b>4</b>	MENU	V1.0.16
ID		◀ ON ▶
BEEP		OFF
FEB ACL		ON
TX		OFF
DIST		100M

adjustment mode. 4. Rotate the adjustment knob to modify the parameter. 5. Press the Setting button again to confirm the parameter

6. Short press function button 1

to exit.

camera flash, flash exposure compensation cannot be set with the camera. To set it with the camera, the camera flash's flash exposure compensation must be set to "0" \* If any Flash Custom Functions and flash settings, other than flash

posure compensation, have been set by both the camera and

# Protection Function

## 1. Over-Temperature Protection ① To prevent the flash head from deteriorating and overheating, it

is recommended not to fire more than 30 continuous flashes in fast succession at 1/1 full power. After 30 continuous flashes, pause the use of the flash for at least 10 minutes. 2 If you fire more than 30 continuous flashes and then fire more flashes in short intervals, the inner over-temperature protection

function may be activated. The recycling time will be longer (over 10s). If this occurs, the use of the device should be paused for at least 10 minutes for the flash unit to operate as normal. Number of flashes that will activate over-temperature protection

Power	Number of Flashes	
1/1	30	
1/2 +0.7	40	
1/2 +0.3	50	
1/2	60	
1/4(+0.3,+0.7)	100	
1/8(+0.3,+0.7)	200	
1/16(+0.3,+0.7)	300	
1/32(+0.3,+0.7)	500	
1/64(+0.3,+0.7)		
1/128(+0.3,+0.7)	1000	
1/256(+0.3,+0.7)		

### \* The system provides real-time protection to secure the device and your safety. The following lists prompts for your reference:

Prompts on

LCD Panel	Indicates
E1	A fault has developed with the flash's recycle system so that the flash cannot fire. Please restart the flash unit. If the problem still exists, please send this product to a maintenance center.
НОТ	The flash will disable when the temperature inside the unit is too high in which case you should stop using the flash for 10 minutes.

# Technical Data

Compatible Cameras

Power(1/1 output)

	20 -200 mm (Pull out the diffusion panel and the focal length automatically changes to 14mm)				
Flash Coverage	Auto zoom 、Manual zoom				
	Swinging/tilting flash head (bounce flash): 0 to 330° horizontally and -7° to 120° vertically				
Flash Duration	1/180 to 1/20000 seconds				
	Exposure Control				
Exposure control system	E-TTL II autoflash and manual flash				
Flash exposure compensation (FEC)	Manual. FEB: $\pm 3$ stops in 1/3 stop increments (Manual FEC and FEB can be combined.)				
Flash exposure lock (FEL)	Use <fel> button or&lt; * &gt; button</fel>				
Sync mode	High-speed sync (up to 1/8000 seconds), first-curtain sync, and second-curtain sync				
Multi flash	Autonomy(up to 100 times, 199Hz)				
Wire	eless flash (radio 2.4G transmission)				
Wireless flash function	Transmitter, Receiver, Off				
Transmitter groups	A, B, C, D				
Controllable Receiver groups	A, B, C, D, E (E group can be controlled by QPRO series flash trigger available on Neewer.com)				
Transmission range (ap	prox.) 100m				
Channels	32 Groups:01~32				
ID	01~99				
Frequency Range	2412.75MHz-2464.25MHz				

Canon EOS cameras (E-TTL II autoflash

Channels		32 Groups:01~32		
ID		01~99		
Frequency Range		2412.75MHz-2464.25MHz		
Maximum radio-frequ	ency power	-2dBm		
Modeling Flash	Using th	Using the camera's depth-of-field preview button		
	Auto	Focus Assist Beam		
ffective range (approx	x.) Center: 0.6~10m / Periphery: 0.6~5m			
		Power source		
Built-in Li-ion battery	7.4V/2600mAh Li-ion battery			
Recycle time	Approx 1.5 seconds. Red LED indicator will light up when the flash is ready.			
Number of flash in full power	Approx. 480			
Energy-saving	Auto Power off after approx. 90 seconds of idle operation. (60 minutes if set as Receiver)			
ync Triggering Mode	Hotshoe, 2.5mm sync line			
		Modeling Lamp		
Power		2W		
Color Temperatu	erature 3300K±200K			
		Dimensions		

let weight without batter

Weight with battery

60\*76\*212 mm

427g

547g

### If you experience a problem with the device, please refer to this Troubleshooting Guide

Troubleshooting )

1. The Camera Flash does not fire

### ① The camera flash is not attached securely to the camera. →Attach the hot shoe base mount of the flash securely to the

② The electrical contacts of the camera flash and camera are dirty. →Clean the contacts. 3 < > or < > is not displayed in the viewfinder of camera.

→Wait until the flash is fully recycled and the flash ready indicator lights up.  $\rightarrow$ If the flash ready indicator lights up, but < \$ > or < \$ \mathre{\pm} \text{ > is not} displayed in the view finder, check whether this flash unit is securely attached to the camera hotshoe.

→If the flash ready indicator does not light up after a long period of time, check whether the battery power is sufficient. If the battery is low (low battery voltage icon flashes on the flash screen), please  $\,$ 

### 2. Auto power off ① After 90 seconds of idle operation, auto power off will have

displayed. 3 Use Manual Flash mode.

replace the battery immediately.

3. Auto zoom does not work.

activated if the flash is set as Transmitter (Master) →Press the shutter button halfway or press any flash button to wake

### ② After 60 minutes (or 30 minutes) of idle operation, the flash unit will enter sleep mode if it is set as Receiver (Slave). →Press any flash button to wake up.

The camera flash is not attached securely to the camera. →Attach the camera flash's mounting base to the camera.

picture. →Use FE lock (FEL). 2 You used high-speed sync. →With high-speed sync, the effective flash range will be shorter.

4. The flash exposure is underexposed or overexposed.

1) There was a highly reflective object (e.g. glass window) in the

Make sure the subject is within the effective flash range

→Set the flash mode to ETTL or modify the flash output.

The focal length of lens exceeds the flash coverage

### 5. Photos have dark corners or only parts of the target subject are illuminated.

→Check the focal length that has been set. This flash unit has the flash coverage between 20 and 200mm, which fits medium format cameras

### flash modes 1) Flash mode

② Shutter sync

flash using the camera's menu screen. Please refer to the camera

③ FEB 4 FEC ⑤ Flash firing

2. Custom Functions of Camera Flash C.Fn-00, C.Fn-01, C.Fn-03, C.Fn-04, C.Fn-08, C.Fn-20,

C.Fn-22,7 in total.

\* Screen view taken from the EOS-1D Mark III

the flash, the last applied settings will be used.

### Firmware upgrade EN The firmware of this product can be upgraded through the USB port. The latest software announcements and instructions will be

published on the official website

26

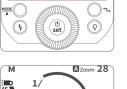
EN



 $\ensuremath{\mathrm{\mathscr{W}}}$  Upgrading the firmware requires Neewer Firmware software support. Please download and install "Neewer Firmware Update", and then select the corresponding firmware file before

\* As the product is undergoing a firmware upgrade, please refer to the latest electronic version of the manual.

Restore factory settings



① Press and hold both

Function buttons 2



restored.

# The item is compatible with following Canon camera models:

Compatible Cameras



R7 R10

button 1 to exit.

After setting, press function

5. Scan for a free, unused channel

MENU V1.0.16

FEB ACL

scan is completed.

ΑF

STBY

Rx STBY

SCAN

TX

DIST

Wireless Flash Shooting: Wireless (2.4G) Transmission

OFF

ON

OFF

100M

To avoid the issue of interference by using the same channel(s)

already in use by others, use this function: enter the C.Fn settings and find the SCAN option. When setting it to START, it will scan from 1% to 100%. The 8 spare channels will be displayed after the

MENU V1.0.16 ON After setting, press function OFF button 1 to exit. 60mir

08

# 6. ETTL: Automatic wireless flash photography

Note: The transmitter (TX) unit and the receiver (RX) unit must nave the same wireless ID, channel and group before the flashes can be fired wirelessly. Using Automatic Wireless Flash with a Single Receiver Unit.

(r) GR (12 ±0.3 = 1 Mzoom 28 Pressing function buttons 2

TX ≨H (A) TTL 0.0 **B** M 1/128 CH:31 ID:99 C ---D TTL - 1.7 AF (IIII) ZM/Fn GR/Fec MODE SYNC

or 3 will set the mode to TTL. Master Control Unit: 1 Press Function Button 2 <GR/Fec> to select the group, and then press

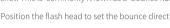
> ② Rotate knob to set exposure compensation for selected group. Press and hold function button

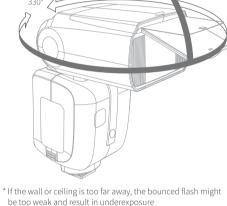
Function Button 3 < MODE > to choose the TTL option.

2 <GR/Fec>, then turn knob to set exposure compensation for

In low-brightness or low-contrast shooting situations, the flash's built-in autofocus assist lamp turns on to make autofocusing easier. When focusing is difficult, the red autofocus assist light comes on.

Center	0.6-10m / 2.0-32.8 feet
Periphery	0.6-5m / 2.0-16.4 feet
3. Bounce Flash	





### Control using the Camera's Menu Screen EN Mount the flash directly onto the Canon EOS camera to control the

1. Setting Camera Flash Functions The following flash functions are can be set according to different

6 Clear camera flash settings

instructions for details.

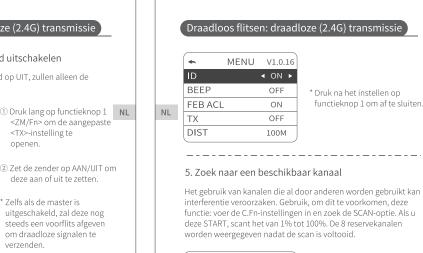




R R3 R5 M6 6D 7D R6 60D 50D 70D 80D 90D 1DX 450D 500D 550D 600D 650D 850D 1100D 3000D



29



\* Druk na het instellen op functieknop 1 om af te sluiten.



SCAN СН 08 6. ETTL: Automatische draadloze flitsfotografie Opmerking: De zender (TX) en de ontvanger (RX) moeten dezelfde draadloze ID, hetzelfde kanaal en dezelfde groep hebben

voordat draadloos flitsen mogelijk is. Automatische draadloze flitser gebruiken met een enkele ontvanger (y) GR (12±0.3 1 M Zoom 28 TX ≨H •(A) TTL 0.0 **B** M 1/128 CH:31 ID:99 C --⊕03 AF WIII ZM/Fn GR/Fec MODE SYNC

Als je op functieknop 2 of 3 drukt, wordt de modus ingesteld op TTL. ① Druk op functieknop 2 < GR/Fec> om de groep te selecteren en

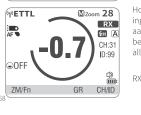


druk vervolgens op functieknop 3 <MODE> om de TTL-optie te kiezen.

② Draai aan de knop om de

belichtingscompensatie voor

de geselecteerde groep in te



stellen. Houd functieknop 2 < GR/Fec> ingedrukt en draai vervolgens aan de knop om de belichtingscompensatie voor alle groepen in te stellen. RX-eenheid

## Draadloos flitsen: draadloze (2.4G) transmissie (1) Instelling zendereenheid

① Bevestig een Z880 flitser op de camera en stel deze in als

zendereenheid. Zet deze op ON om te flitsen. (Pagina 167)

② Een signaalzender kan ook als masterbesturing worden gebruikt.

De zender kan de Z00M-waarde van de Z880 regelen, maar NL de ZOOM moet hiervoor in de auto 🖪 -modus staan.

(2) Instelling ontvangereenheid Monteer de Z880 cameraflitser als draadloze ontvanger.

(3) Controleer het communicatiekanaal.

Stel het kanaal van de zender en de ontvanger in op dezelfde waarden. Stel het zenderkanaal in (pagina 167). Druk op de functieknop 3/4 (overeenkomstig Gr/CH) om het groepskanaal

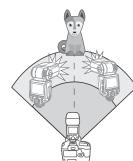
(4) De camera en flitser plaatsen Plaats de camera en flitser zoals aangegeven op de afbeelding. (Pagina 165)

(5) Controleer of de flitser gereed is.

① Controleer of de flitsgereed-indicator van de zender brandt. ② Wanneer de flitsgereed-indicator van de ontvanger gereed is, knippert het AF-hulplichtgebied om de seconde.

(6) Controleer de flitswerking ① Druk op de testknop van de zender < 🕏 >. ② De ontvangereenheid moet knipperen. Zoniet, controleer dan of de ontvanger binnen het werkbereik is geplaatst.

Automatische draadloze flitser gebruiken met



meerdere ontvangers (RX)

vergroten en ze als enkele flitser gebruiken. enheden toe te voegen, gebruikt u dezelfde stappen als bij het instellen van

Wanneer een groter

flitsvermogen vereist is, kunt

u het aantal RX-eenheder

'automatisch draadloos flitsen met een enkele ontvanger". U kunt elke gewenste flitsgroep gebruiken (A/B/C/D/E). Wanneer het aantal RX-eenheden wordt verhoogd of de

hoofdflitser op AAN wordt gezet, zorgt de automatische regeling ervoor dat alle flitsersmet hetzelfde vermogen flitsen, zodat het totale flitsvermogen voldoet aan de standaardbelichting.

### knop Instelling om te CH:31 bevestigen. ID:99

Houd functieknop 2 <GR/Fec> ingedrukt en draai vervolgens aan de

knop om de belichtingscompensatie voor alle groepen in te stellen.

Draadloos flitsen: draadloze (2.4G) transmissie

\* Druk op de scherptediepte-testknop op de camera om een

uitgevoerd tijdens de metingstimer van de camera

wanneer de RX-eenheid klaar is met opstarten.

Een volautomatische draadloze flitser gebruiken

automatisch wordt uitgeschakeld.

Over de zendereenheid

\* Als de automatische uitschakeling van het RX-apparaat actief is,

drukt u op de testflitsknop op het TX-apparaat om het RX-apparaat in te schakelen. Merk op dat testflitsen niet kan worden

\* Het is mogelijk om de tijdsduur te wijzigen voordat de RX-eenheid

 $^{\star}$  U kunt het zo instellen dat de autofocushulpzender niet knippert

De flitsbelichtingscompensatie (FEC) en andere instellingen die op

De volgende instellingen kunnen op dezelfde manier worden gebruikt  $\,$ 

③ Flitsbelichtingsvergrendeling ④ Stroboscopische flits

de TX-eenheid zijn ingesteld, worden ook automatisch ingesteld

in de RX-eenheid. Bediening van de RX-eenheid is niet vereist.

voor opnamen zonder lijnflits als voor normale flitsopnamen.

Er kunnen twee of meer TX-eenheden worden gebruikt. Door

meerdere camera's met TX-eenheiden te configureren, kunt u de camera's die worden gebruikt voor opnamen wijzigen met

Opnamen maken met handmatige flitser zonder lijn (multi-flitser)

stelt u in staat om verschillende flitsoutputs in te stellen voor elke

slave-eenheid (flitsgroep) om te fotograferen. Alle parameters

moeten worden ingesteld op de master-besturingseenheid.

behoud van dezelfde verlichting (RX-eenheden).

7. M: handmatig draadloos flitsen

① Flitsbelichtingscompensatie ② Handmatige flits

instelflits te geven.

<GR/Fec> om de groep te 0 4 om 28 A TTL 0.0 ▶**B** M 1/128

C --

selecteren en druk vervolgens op functieknop 3 < MODE > om de ,M-optie te kiezen. ② Draai aan de instelknop om de flitssterkte voor de flitsgroep aan te passen en druk op de

Druk op functieknop 2

③ Foto's maken met elke groep ⊕03 flitsend met de ingestelde

D TTL -1.7 AF TIME SYNC flitsverhouding.

# Draadloos flitsen: draadloze (2.4G) transmissie

Draadloos flitsen: draadloze (2.4G) transmissie

Wanneer de zender (TX) is ingesteld op UIT, zullen alleen de

<ZM/Fn> om de aangepaste

② Zet de zender op AAN/UIT om

deze aan of uit te zetten

uitgeschakeld, zal deze nog

steeds een voorflits afgeven

① Druk lang op functieknop

② Draai in het

1 < ZM/Fn> om aangepaste

CH-instellingen te openen.

CH-instellingenscherm aan

van 1 tot 32 te kiezen.

\* Druk na het instellen op

functieknop 1 om af te

het keuzewiel om een kanaal

om draadloze signalen te

<TX>-instelling te

Zelfs als de master is

verzenden.

2. De flitser van de TX-eenheid uitschakelen

Ó

ON

OFF

ON

OFF ▶

100M

\* Druk na het aanpassen van de instellingen op functieknop

\_----

Als er meer dan één draadloos flitssysteem in de buurt is, kunt u

het communicatiekanaal wijzigen om signaalinterferentie te voorkomen. Zorg ervoor dat het kanaal van de zender- en

0

V1.0.16

ON

OFF

OFF

**4** 08 ▶

U kunt signaalinterferentie niet alleen voorkomen door het

draadloze communicatiekanaal te wijzigen, maar ook door de draadloze ID te wijzigen. Stel het kanaal en de draadloze ID van de

zendereenheid en de ontvangereenheid in op dezelfde waarden.

Ga naar C.Fn ID en kies de draadloze ID van 01 tot 99. Selecteer UIT

MENU V1.0.16

3. Het communicatiekanaal instellen

ontvangereenheid overeenkomt

MENU

4. Instellingen draadloze ID

om de draadloze ID uit te schakelen.

AF

STBY

Rx STBY

SCAN

ontvangers (RX) flitsen.

(1)

ID

ΤX

DIST

BEEP

FEB ACL

1 om af te sluiten

(b) set

## <M> Flitsmodus instellen U kunt de ontvangereenheid rechtstreeks bedienen om handmatig AF O

de handmatige flits of stroboscopische flits in te stellen. (1) Instellen van de MZoom 28 ontvangereenheid. RX \$H □ (2) Flitsmodus instellen op <M>.

ID:99 GR CH/ID ZM/Fn \_\_\_\_\_\_

NL ① Druk op de <MODE> knop zodat <M> wordt weergegeven. ② Stel de handmatige

A OFF ▶B ON

C OFF D OFF

(P)Multi

8. Multi: draadloos flitsen met handmatige flits Multi ☑zoom 28 128<sub>2-14 Hz</sub> CH:31 ID:99 © OFF

AF IIII

CH:31

ID:99

De <MULTI> stroboscoopmodus in te stellen. ① Druk in het hoofdbedieningsscherm op de < MODE>-

flitsoutput in

modusselectieknop om ZM/Fn GR X/Hz CH/ID <MULTI> weer te geven MZoom 28 ② Stel de stroboscoopflitsinstelling in RX €H B

Druk in de ontvangermodus op de <MODE> knop om <MULTI> ZM/Fn X/Hz GR CH/ID

in.

## shooten: De 2.4G draadloze flitser werkt niet correct

1. Interferentie van het 2.4g-signaal als gevolg van externe apparatuur (e.g. draadloze hub, 2.4G Wi-Fi-router, Bluetooth) → Stel de zender in op een CH kanaal zonder interferentie (+10 wordt aanbevolen), of schakel andere 2.4G-apparaten uit terwijl u aan het werk bent.

2. Zorg ervoor dat de flitser volledig is herladen, dat de flitsgereedindicator brandt en dat de oververhittingsbeveiliging niet is → Verlaag de flitsinstelling door over te schakelen naar de handmatige modus (M). Als het apparaat in de TTL-modus staat, moet u een

voorflits afgeven. 3. Controleer of de flitsdetector en het ontvangende apparaat nog batterij hebben.

ightarrow Vervang de batterijen (1.5V wegwerp-alkalinebatterijen worden aanbevolen voor de flitsontvanger)

## 1. Synchronisatie-triggeren

Andere toepassingen

De syncrhonisatiekabelpoort is een  $\Phi2.5$  mm connector. Steek hier een triggerplug in en de flitser flitst synchroon met de camerasluiter.

NL 2. Autofocus-hulplicht In opnamesituaties met weinig helderheid of weinig contrast brandt de ingebouwde autofocushulplamp van de flitser om autofocus te

3. Kaatsflits

vergemakkelijken. Als scherpstellen moeilijk is, brandt het rode autofocushulplicht. De autofocushulplamp schakelt automatisch uit zodra de scherpstelling nauwkeurig is. Om de autofocusfunctie uit te schakelen, stelt u "AF" in op "OFF"

\* Als de gebruiker constateert dat het lampje voor ondersteunde scherpstelling niet brandt wanneer hij de camera gebruikt, komt dat omdat de camera al nauwkeurig is scherpgesteld.

> Positie Werkbereik 0.6~10 m / 2.0~32.8 voet Centrun 0.6~5 m / 2.0~16.4 voet Perifeer

r de flitskop op een muur of plafond te richten zal de flitser

schaduwen achter het onderwerp verzachten voor een natuurlijker

daarop weerkaatsen voordat het het onderwerp belicht. Dit kan

ogende opname. Dit staat algemeen bekend als een 'kaatsflits'. Positioneer de flitskop om de kaatsrichting in te steller -7-120°

\* De muur of het plafond moet een effen, witte kleur hebben voor een hoge reflectie. Als het kaatsoppervlak niet wit is  $resulteert\ dit\ in\ foto's\ met\ een\ gewijzigde\ kleurtoon\ ("off-color").$ 

Als de muur of het plafond

terugkaatsende flits te zwak

zijn en tot onderbelichting

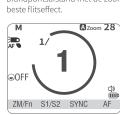
te ver weg is, kan de

## 4. ZOOM: Stel de flitsdekking in

Andere toepassingen

## De flitsdekking kan automatisch of handmatig worden ingesteld. \\

Het kan worden ingesteld op de brandpuntsafstand van de lens van 20 mm tot 200 mm. Bij automatisch zoomen verandert de brandpuntsafstand met de zoomlens van de camera voor het Wanneer je handmatig zoomt, Azoom 28 druk je kort op functieknop 1



<ZM/Fn>. ① Draai aan het keuzewiel om de flitsdekking te wijzigen. 2 Als A wordt weergegeven, wordt de flitsdekking automatisch ingesteld \* Als u de flitsdekking handmatig instelt, zorg er dan voor dat deze de brandpuntsafstand van de lens bedekt, zodat de foto geen

NL

NL

donkere rand heeft.

1/



① Druk kort op de instellampknop < Q >. ② Draai aan de instelknop om het helderheidsniveau van de instellamp in te stellen van 01 tot 10. 

om de selectie te bevestigen.

De instellamp inschakelen:

modelleringslamp aan blijven of tijdelijk gedimd worden ZM/Fn S1/S2 SYNC AF

\* In het menu kan de

### 6. Flitsmodellering Als je camera een knop voor scherptedieptecontrole heeft, activeer je door hierop te drukken een continue flits van 1 seconde, ook wel

instelflits genoemd. Met deze functie kan je het effect van licht en schaduw op je onderwerp observeren en de witbalans evalueren, ongeacht of je een draadloze flitser of een standaardflitser gebruikt. \* Vermijd dat je de modelflits meer dan 10 keer snel achter elkaar

activeert. Als je 10 opeenvolgende instelflitsen hebt uitgevoerd, laat de flitser dan minimaal 10 minuten afkoelen om oververhitting of schade aan de flitskop te voorkomen. \* Houd er rekening mee dat een instelflits niet wordt ondersteund op de EOS 300- en B-modellen.

(Andere toepassingen)

het onderwerp te creëren om gezichtsuitdrukkingen levendiger 1 Draai de flitskop 90° omhoog.

Het reflectorpaneel gebruiken om een reflectie in de ogen van



7. Een oogreflectie ("catchlight") creëren

② Trek de reflector uit en het groothoekpaneel komt naar buiten.

3 Duw de reflector naar binnen • Duw alleen de reflector naar binnen. • Volg dezelfde stappen als

vermeld in het gedeelte over kaatsflitsen \* Richt de flitskop naar voren en kantel deze 90° naar boven. Als je de flitskop naar links of rechts draait, wordt er geen oogreflectie geproduceerd.

 $^\star$  Voor de beste oogreflectie resultaten moet het onderwerp zich verder dan 1,5 m van de camera bevinden.

### 8. De groothoekdiffusorplaat gebruiken Trek de groothoekdiffusorplaat uit en plaats deze over de flitskop om het flitsbereik te vergroten. Hierdoor krijg je een zachter en natuurlijkere flits.

Trek de groothoekdiffusorplaat naar buiten en plaats deze op



de flitskop. De dekking van het flitslicht wordt uitgebreid tot 14

Automatische zoom, Handmatige zoom

Zwenkbare/kantelbare flitskop (kaatsflits): 0 tot 330° horizontaal en -7° tot 120° verticaal

1/180 tot 1/20000 seconden

# C.Fn: Aangepaste functies instellen

Gebruik de "Aanpassen"-functie om de instellingen te voltooien volgens de volgende tabel.

Symbolon

Symbolen voor aangepaste functies	Functie	Instelling nr.	Instellingen en instructies
AF	AF-hulplicht	ON	aan
AF	74 - Hulphene		uit
CTDV	STBY Automatische	ON	aan
3101	slaapstand	OFF	uit
		60min	60min
	Automatische uitschakeltimer	30min	30min
	ontvanger	OFF	uit
C.	Scannen naar	OFF	uit
SCAN	inactieve kanalen	START	Begin zoeken naar inactief kanaal
СН	Kanaalinstelling	01~32	Kies een kanaal van 01-32
	ID Draadloze ID	OFF	uit
ID		01-99	Kies een cijfer van 01-99
	BEEP Pieper	ON	aan
BEEL		OFF	uit
550.401	FEB ACL FEB automatisch annuleren	ON	aan
FEBACL		OFF	uit
	Bediening	OFF	aan
TX	zendereenheid	ON	uit
DIOT		1-100M	1-100M flits
DIST	Flitsafstand	0-10M	0-10M flits
MODEL	la stalla sa s	CONT	Lichtmodellering continu
MODEL	Instellamp	INTER	Modelleringslicht onderbroken

0 MENU V1.0.16 BEEP OFF

tot het aangepaste menu. 2. Draai aan de instelknop om een parameter te kiezen. om naar de parameter te wijzigen.

FEB ACL ON TX OFF DIST 100M

1. Druk lang op functieknop 1 <ZM/Fn> om toegang te krijgen . Druk op de instellingen-knop parameterinstelmodus te gaan. 4. Draai aan de afstelknop om de

. Druk nogmaals op de

# ① Om te voorkomen dat de flitskop verslechtert en oververhit raakt,

1. Bescherming tegen oververhitting

Beschermfunctie

NL

wordt aanbevolen om niet meer dan 30 opeenvolgende flitsen snel achter elkaar af te vuren op vol vermogen (1/1). Laat na 30 ononderbroken flitsen de flitser ten minste 10 minuten rusten. NL ② Als u meer dan 30 ononderbroken flitsen afvuurt en vervolgens meer flitsen met korte tussenpozen, kan de interne oververhittingsbeveiligingsfunctie worden geactiveerd. De recycletijd zal langer zijn (meer dan 10s). Als dit gebeurt, moet het apparaat minstens 10 minuten rusten om de flitser normaal te

Aantal flitsen

Aantal flitsen waardoor de oververhittingsbeveiliging activeert:

1/1	30
1/2 +0.7	40
1/2 +0.3	50
1/2	60
1/4(+0.3,+0.7)	100
1/8(+0.3,+0.7)	200
1/16(+0.3,+0.7)	300
1/32(+0.3,+0.7)	500
1/64(+0.3,+0.7)	
1/128(+0.3,+0.7)	1000
1/256(+0.3,+0.7)	

 $^{\star}$  Het systeem biedt realtime functies om zowel u als het apparaat veilig te houden. De volgende items vragen om uw input:

anwijzing -op LCD Betekenis

E1	Er is een storing opgetreden in het recyclesysteem van de flitser, waardoor de flitser niet kan flitsen. Start de flitser opnieuw op. Als het probleem zich blijft voordoen, stuur dit product dan naar een onderhoudscentrum.
НОТ	De flitser wordt uitgeschakeld wanneer de temperatuur in het apparaat te hoog wordt. In dat geval moet de flitser 10 minuten rusten om af te koelen.

# Monteer de flitser rechtstreeks op de Canon EOS-camera om de

flitser te bedienen via het cameramenuscherm. Raadpleeg de camera-instructies voor details. 1. Cameraflitsfuncties instellen

verschillende flitsstanden. ① Flitsmodus

② Sluitersynchronisatie 3 FEB 4 FEC

⑥ Wis de flitsinstellingen van de camera 2. Aangepaste functies van cameraflits C.Fn-00, C.Fn-01, C.Fn-03, C.Fn-04, C.Fn-08, C.Fn-20, C.Fn-22.7 in totaal.



 $^{\star}$  Als de flitsbelichtingscompensatie al is ingesteld met de flitser van de camera, kan de flitsbelichtingscompensatie niet worden ingesteld met de camera. Om deze met de camera in te stellen, moet de flitsbelichtingscompensatie van de cameraflitser op "0" worden ingesteld. \* Als er persoonlijke flitsfuncties en flitsinstellingen, anders dan flitsbelichtingscompensatie, zijn ingesteld door zowel de camera

Technische gegevens

Canon EOS-camera's (E-TTL II automatische flitser) Vermogen (1/1 output) 76Ws

## Bediening via het cameramenuscherm Technische gegevens

174

NL

Flitsdekking

Flitsduur

De volgende flitsfuncties kunnen worden ingesteld op basis van

(5) Flitsen

Alle aangepaste flitsfuncties wissen



als de flitser, worden de laatst toegepaste instellingen gebruikt.

### -TTL II automatische flits en handmatige flits Handmatig. FEB: ±3 in stappen van 1/3 (Handmatige FEC en FEB kunnen worden Flitsbelichtingscompensatie FEC) litsbelichtingsvergrendeling Gebruik de <FEL>-knop of de < \* >-knop nelle synchronisatie (tot 1/8000 seconden) eerste gordijnsynchronisatie en tweede Synchronisatiemodus Autonomie (tot 100 keer, 199Hz) Draadloze flitsfunctie Zender, Ontvanger, Uit Zendergroepen A, B, C, D A, B, C, D, E (de E-groep kan worden bestuurd door een QPRO-serie flitstrigger, beschikbaar 2412.75MHz-2464.25MHz Frequentiebereik Maximaal RF-vermoge Met behulp van de scherptedieptecontroleknop Instelflits

Effectief bereik (ongeveer) Midden: 0.6~10m / Periferie: 0.6~5m 7.4V/2600mAh Li-ion batterij Ongeveer 1.5 seconden. Rode led-indicator licht op wanneer de flitser klaar is. Aantal flitsen op Ca. 480 Automatische uitschakeling na ca. 90 seconden inactiviteit. (60 minuten Energiebesparenc ndien ingesteld als ontvanger) Flitsschoen, 2.5 mm synchronisatielijn 2W

Kleurtemperatuur

letto gewicht zonder batte

Gewicht met batterij

### instellingenknop om de parameter te bevestigen 6. Druk kort op functieknop 1 om

(Probleemoplossen) Raadpleeg deze handleiding voor probleemoplossing als u een probleem met het apparaat ondervindt.

1. De cameraflitser gaat niet af  $\ensuremath{\textcircled{1}}$  De flitser van de camera is niet stevig op de camera bevestigd. →Bevestig de flitsschoenbasis van de flitser stevig op de camera. ② De elektrische contacten van de cameraflitser en camera zijn vuil.

→Reinig de contacten. 3 < \$> of < \$H > wordt niet weergegeven in de zoeker van de camera →Wacht tot de flitser volledig is ge-recycled en de flitsgereedaanduiding brandt. →Als de flitsgereedaanduiding oplicht, maar < \$ > of < \$ H > niet wordt weergegeven in de zoeker, controleer dan of de flitser goed vastzit in de flitsschoen van de camera. →Als de flitsgereedaanduiding na lange tijd nog niet brandt, controleer dan of u nog voldoende batterij heeft. Als de batteri

bijna leeg is (pictogram voor lage batterijspanning knippert op het

flitsscherm), vervang de batterij dan onmiddellijk 2 Automatisch uitschakelen

① Na 90 seconden inactiviteit wordt de automatische uitschakeling geactiveerd en de flitser is ingesteld als zender (master). →Druk de ontspanknop half in of druk op een willekeurige flitsknop om deze te wekken.

② Na 60 minuten (of 30 minuten) inactiviteit gaat de flitser naar de slaapstand en de flitser is ingesteld als ontvanger (slave). →Druk op een willekeurige flitsknop om te deze wekken.

3. Automatisch zoomen werkt niet. De cameraflitser is niet stevig op de camera bevestigd. →Bevestig de montagevoet van de cameraflitser op de camera.

4. De flitsbelichting is onder- of overbelicht.

→Gebruik FE-vergrendeling (FEL). ② U hebt snelle synchronisatie gebruikt.
→Bij snelle synchronisatie is het effectieve flitsbereik korter. Zorg ervoor dat het onderwerp zich binnen het weergegeven effectieve flitsbereik bevindt. ③ Gebruik de handmatige flitsmodus.

① Er was een sterk reflecterend object (bijv. glazen raam) op de foto.

→Stel de flitsmodus in op ETTL of wijzig de flitsoutput. 5. Foto's hebben donkere hoeken of alleen delen van het doelonderwerp zijn verlicht.

Foto's hebben donkere hoeken of alleen delen van het

doelonderwerp zijn verlicht. De brandpuntsafstand van de lens overschrijdt de flitsdekking. →Controleer de ingestelde brandpuntsafstand. De flitser heeft een flitsbereik tussen 20 en 200 mm, wat geschikt is voor middenformaat camera's.

179

180

Modelli

Marchio Commerciale

Luogo di Produzione:

Data della Firma: 2023-11-20

0

US +1 732-623-9777

# ① Houd functieknoppen 2 en 3

Fabrieksinstellingen herstellen



2 "RESET" verschijnt op het

tegelijkertijd ingedrukt.



scherm om aan te geven dat de fabrieksinstellinger zijn hersteld.

# Firmware upgrade

De firmware van dit product kan worden geüpgraded via de USB-poort. De nieuwste software-aankondigingen en instructies zullen op de officiële website worden gepubliceerd. ※ Dit product wordt niet geleverd met een USB-kabel voor de firmware-upgrade. Gelieve deze apart aan te schaffen. De

USB-poort van dit product is een Type-C-poort. Gebruik alleen een USB Type-C-kabel. \* Voor het upgraden van de firmware is Neewer Firmwaresoftware vereist. Download en installeer "Neewer Firmware Update" en selecteer vervolgens het bijbehorende

firmwarebestand voordat u gaat updaten. Raadpleeg alstublieft de nieuwste elektronische handleiding. terwijl het product een firmware-upgrade ondergaat.

Compatibele camera's het product is compatibel met de volgende Canon cameramodellen

1DX 450D 500D 550D 600D 650D 850D 1100D 3000D 750D/T6i 1DMark III 5D Mark II 5D Mark III 5D Mark IV R8 6DMarkII 760D/T6s 800D/T7i 7DMarkII77D/9000D 77D/9000D 1500D/2000D/T7 200D II/250D/SL3 R5C R7 R10

R R3 R5 M6 6D 7D R6 60D 50D 70D 80D 90D

### henzhen Neewer Technology Co.,Ltd Room 1901-1903, Block A LU SHAN BUILDING NO 3023 CHUNFENGRD LUO HU DISTRICT Shenzhen 518001 Chi Address:

**EU DECLARATION OF CONFORMITY** 

√W Formations GmbH Hoferstasse 9B, 71636 Ludwigsburg, Germany 10 10 Product Name: TTL Li-ion Camera Flash Models: Trade Mark: NEEWER Place of Production: China We herewith declare that the above mentioned products complies with the relevant harmonization regulations of the EC Council. The following harmonized standards and technical specifications have been applied:

ETSI EN 301 489-1 V2.2.3 (2019-11)

ETSI EN 300 440 V2.2.1 (2018-07) EN IEC 62311: 2020

EN IEC 60598-2-17:2018

IEC 62321-7-1:2015

IEC 62321-8:2017

EN IEC 60598-1:2021

EN 62471:2008

Final draft ETSI EN 301 489-3 V2.2.0 (2021-11

EN 62493:2015 EN 61347-2-11:2001+A1:2019 EN 61347-1:2015+A1:2021 IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+AMD1:2017 ROHS Directive 2011/65/EU and its amendment directives (EU) CSV IEC 62321-6:2015

Radio Equipment Directive (RED) 2014/53/EU

Name: Caiying Liu Position: Managing Director

Signature: Date of Sign: 2023-11-20 The "CE" mark indicates that this product complies with

Signed and on behalf of Shenzhen Neewer Technology Co., Ltd

European regulations for product safety, health requirements, and environmental protection. This symbol indicates the separate collection of electrical and electroni devices that become industrial waste in EU countries. Please do not dispose of such devices in household waste. Please use the return and collection systems in your country for the disposal of these products

# DÉCLADATION DE CONFODMITÉ CE

3300K±200H

60\*76\*212 mn

427g

547g

<u>DECLARATION DE CONFORMITE CE</u>		
Fabricant :	Shenzhen Neewer Technology Co.,Ltd	
Adresse:	Room 1901-1903, Block A LU SHAN BUILDING NO 3023 CHUNFENGRD LUO HU DISTRICT Shenzhen 518001 China	
at one	NW Formations GmbH Hoferstasse 9B, 71636 Ludwigsburg, Germany	
nom du produit	TTL Li-ion Camera Flash	
Modèle:	Z880	
Marque:	NEEWER	
Lieu de fabrication :	China	

Par la présente, nous déclarons que les produits susmentionnés sont conformes aux règlements d'harmonisation pertinents du Conseil de l'Union européenne. Les normes harmonisées suivantes et les spécifications techniques s'appliquent :

ETSI EN 301 489-1 V2.2.3 (2019-11) Final draft ETSI EN 301 489-3 V2.2.0 (2021-11) ETSI EN 300 440 V2.2.1 (2018-07) EN IEC 62311: 2020 EN IEC 60598-2-17:2018 Radio Equipment Directive (RED) 2014/53/EU EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015 EN 61347-2-11:2001+A1:2019 EN 61347-1:2015+A1:2021 IEC 62321-3-1:2013 ROHS Directive 2011/65/EU and its amendment directives (EU) 2015/863 IEC 62321-5:2013 IEC 62321-4:2013+AMD1:2017 CSV IEC 62321-6:2015

IFC 62321-7-1:2015

IEC 62321-8:2017

Signé au nom de Shenzhen Neewer Technology Co., Ltd Nom: Caiying Liu Fonction : Directeur de l'entreprise 원위문

Date de la signature 2023-11-20 Le marquage "CE" indique que ce produit est conforme aux réglementations européennes en matière de sécurité des produits, d'exigences sanitaires et de protection de l'environnement.

Ce symbole indique la collecte séparée des équipements électriques et électroniques en fin de vie, considérés comme des déchets industriels, dans les pays de l'Union européenne. Veuillez ne pas jeter de tels équipements dans les ordures ménagères. Utilisez plutôt les systèmes de reprise et de collecte de ces produits dans votre pays. Z

**EU-VERKLARING VAN OVEREENSTEMMING** 

TTL Li-ion Camera Flash

Z880

China

Shenzhen Neewer Technology Co.,Ltd

NW Formations GmbH Hoferstasse 9B, 71636 Ludwigsburg, Germany

Room 1901-1903, Block A LU SHAN BUILDING NO 3023 CHUNFENGRD LUO HU DISTRICT Shenzhen 518001 China

### EU KONFORMITÄTSERKLÄRUNG Hersteller Shenzhen Neewer Technology Co.,Ltd oom 1901-1903, Block A LU SHAN BUILDING NO 3023 HUNFENGRD LUO HU DISTRICT Shenzhen 518001 Chir

TTL Li-ion Camera Flash

Hiermit erklären wir, dass die oben genannten Produkte den einschlägigen Harmonisierungsvorschriften des EC Ratesentsprechen. Es gelten die folgenden harmonisierten Normen und technischen Spezifikationen:

Z880

NEEWER

bt MF in

Produkt Nam

Modell:

NW Formations GmbH Hoferstasse 9B, 71636 Ludwigsburg, Germany

Radio Equipment Directive (RED) 2014/53/EU	ETSI EN 301 489-1 V2.2.3 (2019-11) Final draft ETSI EN 301 489-3 V2.2.0 (2021-1: ETSI EN 300 440 V2.2.1 (2018-07) EN IEC 62311: 2020 EN IEC 60598-2-17:2018 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015 EN 61347-2-11:2001+A1:2019 EN 61347-1:2015+A1:2021
ROHS Directive 2011/65/EU and its amendment directives (EU) 2015/863	IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+AMD1:2017 CSV IEC 62321-6:2015 IEC 62321-7-1:2015 IEC 62321-7-2:2017 IEC 62321-8:2017

Datum der Unterschrift: 2023-11-20 Das "CE" - Zeichen weist darauf hin, dass dieses Produkt mit den europaische n Bestimmungen für Produktsicherheit, Gesundheits-anforderungen und Um weltschutz übereinstimmt.

권화동

Unterzeichnet im Namen von Shenzhen Neewer Technology Co., Ltd Name: Caiying Liu Position: Unterschrift des Geschäftsführers:

Dieses Symbol weist auf die separate Sammlung von als Industriemüll anfallenden elektrischen und elektronischen Geräten in den EU-Ländern hin. Bitte geben Sie solche Geräte nicht in den Hausmüll. Bitte nutzen Sie zur Entsorgung dieser Produkte die Rücknahmeund Sammelsysteme in Ihrem

### ndirizzo: u w NWFormationsGmbH Hoferstasse9B,71636Ludwigsburg,Germany TTL Li-ion Camera Flash

Con la presente, dichiariamo che i prodotti sopra menzionati sono conformi alle pertinenti normative di armonizzazione del Consiglio dell'Unione Europea.

Z880

China

NEEWER

Radio Equipment Directive (RED) 2014/53/EU	ETSI EN 301 489-1 V2.2.3 (2019-11) Final draft ETSI EN 301 489-3 V2.2.0 (2021- ETSI EN 300 440 V2.2.1 (2018-07) EN IEC 62311: 2020 EN IEC 60598-2-17:2018 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015 EN 61347-2-11:2001+A1:2019 EN 61347-1:2015+A1:2021
ROHS Directive 2011/65/EU and its amendment directives (EU) 2015/863	IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+AMD1:2017 CSV IEC 62321-6:2015 IEC 62321-7-1:2015 IEC 62321-7-2:2017 IEC 62321-8:2017

## Shenzhen Neewer Technology Co.,Ltd Room 1901-1903, Block A LU SHAN BUILDING NO 3023 CHUNFENGRD LUO HU DISTRICT Shenzhen 518001 China

DICHIARAZIONE DI CONFORMITÀ UE

Radio Equipment Directive (RED) 2014/53/EU	ETSI EN 301 489-1 V2.2.3 (2019-11) Final draft ETSI EN 301 489-3 V2.2.0 (2021-11 ETSI EN 300 440 V2.2.1 (2018-07) EN IEC 62311: 2020 EN IEC 60598-2-17:2018 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015 EN 61347-2-11:2001+A1:2019 EN 61347-1:2015+A1:2021
ROHS Directive 2011/65/EU and its amendment directives (EU) 2015/863	IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+AMD1:2017 CSV IEC 62321-6:2015 IEC 62321-7-1:2015 IEC 62321-7-2:2017 IEC 62321-8:2017
irmato a nome di Shenzhen Neewer ome: Caiying Liu osizione: Direttore dell'Azienda Firm;	<i>5,</i> ,

Il marchio "CE" indica che questo prodotto è conforme alle normative europee in materia di sicurezza del prodotto, requisiti sanitari e tutela dell'ambiente

Questo simbolo indica la raccolta separata degli apparecchi elettrici ed elettronici considerati rifiuti industriali nei paesi dell'Unione Europea, Vi preghiamo di non gettare questi apparecchi tra i rifiuti domestici. Utilizzate piuttosto i sistemi di ritiro e raccolta previsti per questi prodotti nel vostro

# DECLARACIÓN DE CONFORMIDAD DE LA UE

Nombre del Producto TTL Li-ion Camera Flash Modelos Z880 Marca Comercial NEEWER Lugar de Producción Por la presente, declaramos que los productos mencionados anteriormente cumplen con las regulaciones de armonización pertinentes del Consejo de la CE.

Fecha de la Firma:2023-11-20 La marca "CE" indica que este producto cumple con las regulaciones europeas de seguridad del producto, requisitos de salud y protección del medio ambiente.

Este símbolo indica la recogida por separado de equipos eléctricos y electrónicos considerados residuos industriales en los países de la Unión Europea. Por favor, no deseche estos equipos en la basura doméstica. Utilice los sistemas de recogida y devolución de estos productos en su país.

Hierbij verklaren wij dat de bovengenoemde producten voldoen aan de relevante harmonisatieregels van de EC-Raad. De volgende geharmoniseerde normen en technische specificaties zijn toegepast: ETSI EN 301 489-1 V2.2.3 (2019-11) Final draft ETSI EN 301 489-3 V2.2.0 (2021-11) ETSI EN 300 440 V2.2.1 (2018-07) EN IEC 62311: 2020 EN IEC 60598-2-17:2018 Radio Equipment Directive (RED) 2014/53/EU EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015 EN 61347-2-11:2001+A1:2019 EN 61347-1:2015+A1:2021 IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+AMD1:2017 ROHS Directive 2011/65/EU and its amendment directives (EU) its amend 2015/863 CSV IEC 62321-6:2015 IEC 62321-7-1:2015 원회동 Datum van ondertekening:2023-10-23

Fabrikant:

Productnaam

Modellen

Adres:

## This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAUTION: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. NOTE: This equipment has been tested and found to comply with the limits

FCC Statement

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

- English Warning Statement

2) This device must accept any interference, including interference that may The digital apparatus complies with Canadian CAN ICES - 3 (B)/NMB - 3(B).

This radio transmitter has been approved by Industry Canada to operate with the antenna types listed with the maximum perm Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with The device has been evaluated to meet general RF exposure requir This equipment should be installed and operated with minimum distance 0mm between the radiator & your body. - French Warning Statement Cet appareil contient des émetteurs/récepteurs exempts de licenc conformes aux RSS exemptés de licence d'Innovation, Sciences et

UK +44 (0) 3330113494 vip@neewer.com



CF10 2HE, United Kingdom office.lingfeng@gmail.com NW Formations GmbH Hoferstrasse 9B, 71636 Ludwigsburg, Germany info.nwformations@gmail.com

UK REP

### Shenzhen Neewer Technology Co.,Ltd Room 1901-1903, Block A LU SHAN BUILDING NO 3023 CHUNFENGRD LUO HU DISTRICT Shenzhen 518001 Chin: Dirección: E 40 NW Formations GmbH Hoferstasse 9B, 71636 Ludwigsburg, Germany

Radio Equipment Directive (RED) 2014/53/EU	ETSI EN 301 489-1 V2.2.3 (2019-11) Final draft ETSI EN 301 489-3 V2.2.0 (2021-11) ETSI EN 300 440 V2.2.1 (2018-07) EN IEC 62311: 2020 EN IEC 60598-2-17:2018 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015 EN 61347-2-11:2001+A1:2019 EN 61347-1:2015+A1:2021
ROHS Directive 2011/65/EU and its amendment directives (EU) 2015/863	IEC 62321-3-1:2013 IEC 62321-5:2013 IEC 62321-4:2013+AMD1:2017 CSV IEC 62321-6:2015 IEC 62321-7-1:2015 IEC 62321-7-2:2017 IEC 62321-8:2017

# IEC 62321-8:2017 Ondertekend namens Shenzhen Neewer Technology Co., Ltd. Naam: Caiying Liu P Functie: Bedrijfsdirecteur Handtekening

Het "CE"-teken geeft aan dat dit product voldoet aan de Europese voorschriften voor productveiligheid, gezondheidseisen en milieubescherming.

-Consult the dealer or an experienced radio/TV technician for help. FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with

ranshineer must not be co-located or operating in conjunction with equipment complies with RF radiation exposure limits set forth for introlled environment.

an uncontrolled environment.
The device has been evaluated to meet general RF exposure requirement.
This equipment should be installed and operated with minimum distance
Omm between the radiator & your body.

(IC Warning Statements) This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's cence-exempt RSS(s). Operation is subject to the following two conditions: ) This device may not cause interference

 Cet appareil ne doit pas provoquer d'interférences l'appareil numérique du ciem conforme canadien peut - 3 (b) / nmb - 3 (b). Le présent émetteur radio a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont

e gain est supérieur au gain maximal indiqué, sont strictement interdits

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux RF.Cet équipement doit être installé et utilisé avec une distance minimale de 0 mm entre le radiateur et votre corps.

pour l'exploitation de l'émetteur.

Send us an email

If you have any questions about product, we are glad to help.

3

印刷:四色双面印刷 装订: 胶装

Facebook Tiktok

Lingfeng Electronic (UK) Ltd International House, 10 Churchill Way, Cardiff,

Shenzhen Neewer Technology Co.,Ltd. Room 1903, Block A, Lu Shan Building No. 3023 Chunfeng Rd Luo Hu District, Shenzhen Guangdong 518001, China

尺寸: 80\*195mm

材质: 105g双面铜版纸

名称: Z880-C闪光灯说明书(六国语)

Dit symbool geeft aan dat elektrische en elektronische apparaten die als industrieel afval worden beschouwd, apart moeten worden ingezameld in de EU landen. Gool alstublieft dergelijke apparaten niet bij het huisvuil. Gebruik in plaats daarvan de inzamelingssystemen in uw land voor het verwijderen van deze producten