VC-818TX High-speed Wireless Radio Trigger

(for Sony)

User Guide

Description	Page

Introduction

Thank you very much for selecting VC-818TX High-speed Wireless Radio Trigger. Please read this instruction carefully and keep them handy for your reference.

VC-818TX radio trigger (for Sony) is engineered to work with Sony TTL system. You can use VC-818TX transmitter on camera to trigger remote Neewer VISION5 flash.

Whether you are a photographer or amateur, VC-818TX multiple independent control, simple operation, and reliable wireless from TTL trigger system provides an unparalleled experience of convenient for the studio and location shooting, greatly improves shooting efficiency. It is perfect tool for shooting portraits, weddings and sports, allowing you to get perfect shot anytime and anyplace.

Safety Note

Do not use the unit in an environment where moisture or flammable vapor is likely to come in contact with the unit. Failure to observe this precaution could result in fire or electric shock.

Do not explore any components in direct sun for a long time or in other areas subject to high temperature. Failure to observe this precaution
could result in fire or electric shock.

Do not attempt to disassemble or service the unit on your own to avoid shock hazard.

Always keep out of reach of children. Consult a physician immediately if a child swallows any part of this device.
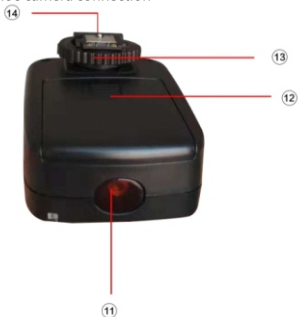
1/Name of Parts

VC-818TX Radio Transmitter

① -LED screen
② -Select Sync mode/Channel
③ -Set Modeling lamp/ Turn ON or OFF
   AF-Assist beam
④ -Power ON/OFF
⑤ -Select mode
⑥ -Select group
⑦ -Test flash buton
⑧ -Adjust parameter
⑨ -Save parameter
⑩ -Radio transmission confirmation lamp
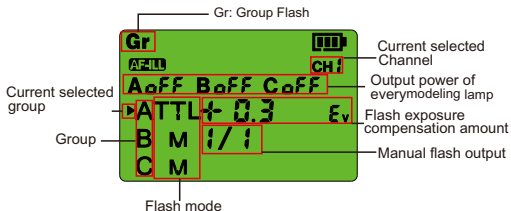
AF-Assist beam is only applicable to some models of cameras.

⑪ - AF-Assist beam
⑫ -Battery compartment
⑬ -Locking screw
⑭ - Hot shoe camera connection

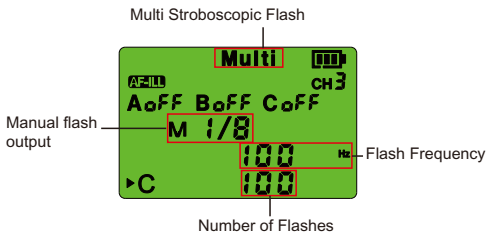AF-Assist beam is only applicable to
some models of cameras.

2/ LCD screen

Gr: Group Flash

Gr: Group Flash

Current selected Channel

Current selected group

Output power of everymodeling lamp

Flash exposure compensation amount

Group

Manual flash output

Flash mode

⚠ Note: 1. The LCD screen only shows settings of present application.

2. When press button or rotate dial, the LCD screen illuminates.

Multi Stroboscopic Flash

Multi Stroboscopic Flash

Manual flash output

Multi

CH3

AF-ILL

AoFF BoFF CoFF

M 1/8

100 Hz — Flash Frequency

▶C

100

Number of Flashes

3/ Button Operation

Button	Operation	Function
GROUP	Short press	Select A/B/C group in sequence
MODE	Long press 3s	Gr/ MULIT
	Short press (Under Gr mode)	Select flash mode for each group in sequence 1. M 1/X: set output power of flash with HSS feature 2. M: Set output power of VISION manual flash (without HSS feature) 3. TTL Mode 4. Turn off the group
	Short press (Under Multi mode)	Select flash output / frequency / number of flashes in sequence
SYNC/CH	Short press (Under Gr mode)	Select flash sync mode in sequence 1.First curtain sync (no signal) 2.Second curtain sync 3.High-speed sync
	Long press	Set up channel
MODEL/AF	Short press	Set output power of modeling lamp of A/B/C group
	Long press	Turn on/off AF-Assist beam
POWER	Switch to right side	Switch on power
	Switch to left side	Switch off power
TEST	Short press	Test flash
DIAL	Rotate the dial	Set parameter

4/ Install Battery

Slide battery cover backward, and open battery compartment. According to positive and negative indicator on the battery compartment, install two AA batteries (not include) or two 1.2V charging battery (not include).

⚠ Caution: If the devise is going to be out of service in long period, please take out battery. When battery is low, replacing two batteries together will prevent from miss fire or no fire.

VC-818TX radio transmitter

5/ How to Use Radio Trigger

1-1 When camera is off, mount the transmitter VC-818TX on camera hotshoe, turn on the camera and transmitter.

1-2 Set VISION5 flash and VC-818TX at the same channel

1-3 Press camera shutter button, the studio flash will be triggered simultaneously.

Note: Neewer brand VCHSS, VCHS TTL, VCHH, VE PLUS, VL PLUS, VISION4,VISION5 and VL PLUS AC/DC studio flash has build-in radio receiver. They are compatible with VC-818TX radio transmitter.

Fig1

6/Mount on camera

Slip the transmitter's mounting foot fully into the camera's hot shoe. Rotate locking ring clockwise, to attach transmitter on camera firmly. Rotate locking ring anticlockwise, to detach the transmitter.

7/Power switch

Switch [POWER] button to right side. The power is ON and the LCD screen illuminates.

Caution: If out of service in long period, please switch off, to prevent power consumption.

8/LCD illumination

Backlight of LCD screen illuminates when press button or rotate dial. Backlight of LCD screen goes out 10 seconds after setting.

9/Save Parameters

1. After select parameter, let it stand 10 seconds, the parameter will be saved.
2. After select parameter, press [OK] button, the parameter will be saved.
3. After select parameter, turn off the power switch, the parameter will be saved.

10/Wireless Control

The radio transmitter attached on camera(Master) can directly adjust flashes (slave) that is wirelessly controlled.

Parameters set on radio transmitter will be synchronously reflected on flash that is wirelessly controlled.

11/Set Channel, ID and Group

VC-818TX transmitter has 8 channels and 30ID. In the same channel,VC-818TX enables you to separately control flashes in three groups simultane ously or independently. You can have as many lights as you want in every group. This is ideal for working with multiply lighting setups. You can work with total control with remote lights, without leaving shooting place.

Set Channel of Radio Transmitter

1.There are 8 channels on radio transmitter, selectable from CH 1- CH 8.

2. Long press [SYNC/CH] button, only CH shows on the screen. Rotate dial to set up proper channel value. Press [OK] button to save the value.

Set ID of Radio Transmitter

1. There are 30ID on radio transmitter, selectable from 1-30.

2. Long press [SYNC/CH] button,CH shows on the screem. Then, short press [SYNC/CH], ID code shows on screen. Rotate dial to set up proper ID. Press [OK] button to save the value.

Set Group of Radio transmitter

Press [GROUP] button to choose and set up A /B /C group in sequence.

12/Switch Operation Mode Gr, Multi

Long press [MODE] button 3s on radio transmitter, switch <Gr> /<Multi> modes in sequence.

13/ Gr Mode: Shoot with a Different Flash Mode for Each Group

In Gr mode, you can set different flash mode for A / B / C three groups. The selectable modes are <TTL> / <M 1/x> / <M> / <OFF>.

Select <Gr> mode: Long press [Mode] button 3s and set the radio transmitter to <Gr>.

Select flash group: Short press [GROUP] button, to select A or B or C group. The current selected group is pointed by a triangle mark.

Set up flash mode for selected flash group: Short press [MODE] button, <TTL> , <M 1/x> , <M> and <OFF> shows in sequence.

11

1. When use <TTL> mode, set the flash exposure compensation by rotating dial. Flash exposure compensation range is ±3EV and variable in 1/3 precise increment.
Caution: Studio flash or hot shoe speedlite should support Sony TTL.
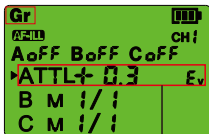
Flash exposure compensation

2. When use <M 1/x> mode, manually set flash output power by rotating dial. Flash output power range is adjustable from 1/1 to 1/128 (8 f-stop) and variable in 1/3 precise increment. This Mode is only applicable for flash with high speed sync(HSS) feature.
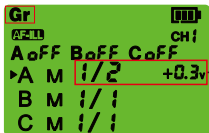

Flash output power

3.When use <M> mode, manually set flash output power by rotating dial. Flash output power won't reflect on radio transmitter.This mode is only applicable for VISION series of flash light,including ,VCHH,VEPLUS,VLPLUS AC/DC and VISION4

```
Gr                    ▥
AF-LL              CH¦
A oFF BoFF CoFF
▶A  M
 B  M ¦/¦
 C  M ¦/¦
```
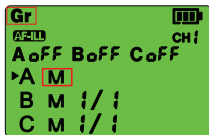
4. When use <OFF> mode, there is no signal on the screen. the transmitter can't trigger flash with HSS function,such as VISION5,VCHSTTL,VCHSS.

```
Gr                    ▥
AF-LL              CH¦
A oFF BoFF CoFF
▶A
 B  M ¦/¦
 C  M ¦/¦
```
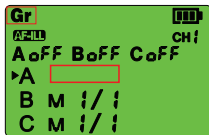
14/ Multi Mode: Stroboscopic Operation

To achieve ideal shooting effect, please only use single light in stroboscopic mode.
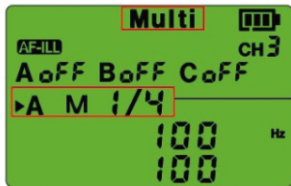
Select <Multi> mode: Long press [MODE] button 3s and set the radio transmitter to <Multi>.

Select group: Short press [GROUP] button to select group A or B or C.

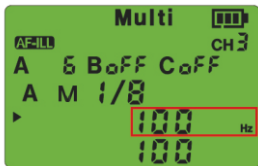**Set up flash output power of selected group:**
Shortly press [MODE], the triangle pointed <M 1/x>. Flash output power is selectable from 1/4 to 1/128. Rotate dial to set up power.


Flash output power

Set up flash frequency of selected group:
Shortly press [MODE] button, the triangle pointed Hz. Flash
frequency is variable from 1 to 100Hz. Rotate dial to set up
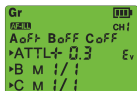proper frequency.

Set up number of flashes of selected group:
Shortly press [MODE] button, the triangle pointed numbers of
flashes. Numbers of flashes is variable from 1 to 100. Rotate
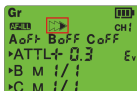dial to set up proper number of flashes
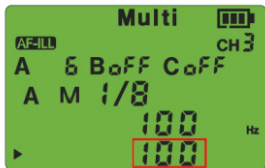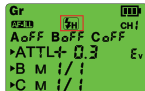
15/ Set Sync Speed Mode

Short press [SYNC/CH] button to set high-speed sync.

First curtain

Second curtain

High-speed sync

When high-speed sync icon **₴H** shows on the screen, you can set camera's shutter speed faster than 1/250S.

When high-speed code **₴H** doesn't shows on the screen, you can set camera's shutter speed equal or slower than 1/250S.

Note:

Different series of Sony camera has different shutter speed cutoff value. VC-818TX trigger will automatically identify the shutter speed cutoff value based on the camera's own settings. For example, the cutoff value of Sony A72 is 1/250.

16/ Operating Modeling Lamp

Use radio transmitter to remotely control the brightness of modeling lamp, dimmable in six steps.
Shortly press [MODEL/AF] button, to set up modeling lamp of group A, B, and C in sequence.
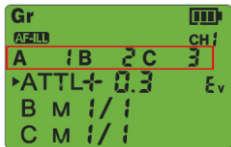
1.Set modeling lamp of group A:short press [MODEL/AF] button, the LCD screen only show modeling lamp value of group A. Rotate dial and set up proper modeling lamp output 1/2/3/4/5/6/OFF. Press [OK] button to save setting.

2.**Set modeling lamp of group B:**short press [MODEL/AF] button twice, the LCD screen only show modeling lamp value of group B. Rotate dial and set up proper modeling lamp output 1/2/3/4/5/6/OFF. Press [OK] button to save setting.

3. Set modeling lamp of group C:short press [MODEL/AF] button, the LCD screen only show modeling lamp value of group C. Rotate dial and set up proper modeling lamp output 1/2/3/4/5/6/OFF. Press [OK] button to save setting.

Caution: The feature that remotely control modeling lamp is only applicable to a few series of VISION flashes. It is not applicable to other brand of flashes.

17/Test

Press [TEST] button, radio transmission confirmation lamp light in red, can test whether flash is triggered normally.

Specification	
Model No.	VC-818TX TTL fof Sony
Compatible camera	SONY A6000,A6300,A7R,A7,A7II,A7RII, A7RIII,A7III,A58,A77II,A99,A7SII,A6500, A7S,A9
Exposure control system	TTL autoflash,manual flash, stroboscopic flash
Channel	Ch.1-8
Wireless radio ID	1-30
Slave unit control	Under every channel control 3 groups of slave unites isolately(A,B,C)
Transmission distance	around 25 meters
Flash exposure compensation（FEC）	±3 stops in 1/3 increment
High speed sync	up to1/8000s
Manual flash	Output control range from 1/1 -1/128 (in 1/3EV increment)
AF assist beam emitter	Only workable with Sony A58,A99, A77II
Fireware update	Yes
Power Source	Two AA alkaline battery or Ni-MH battery (not included in package)
Size	90*56*40
Weight	105g

"This table only lists the tested camera models, not all Sony cameras. For compatibility of other Sony camera models, a self-test is recommended. Rights to modify this table are retained."

About Product Firmware Upgrading

In order to give customers better user experience, Neewer products will be updated with firmware to be compatible with more and more cameras. Please **check Version Number of the product** before using it according to following steps.

·Check version number of VISION5: Press and hold on [AUDIO] button, meanwhile, switch on flash light.
·Check version number of VCHS TTL: Press and hold on [MODEL] button, meanwhile, switch on flash light.
·Check version number of VC-818TX: Press and hold on [MODE] button, meanwhile, switch on transmitter.

Please contact vip@neewer.com to receive the latest version of firmware.

⚠ **Note:** If you purchase a VC-818TX transmitter (Sony version), and would like to use it with existing VISION5 flash and VCHS TTL flash, please upgrade all the products you have to the latest version, including VISION5 flash, VCHS TTL flash, VCI818TX ETTL transmitter (for Canon), VC-818TX ITTL transmitter (for Nikon). This makes these products compatible with each other and normal use.

FCC Statement

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.

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 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.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.