

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.

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VC-818 ITTL High-speed Wireless Radio Trigger



User Guide

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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 Nikon) is engineered to work with Nikon iTTL system. You can use VC-818TX transmitter on camera to trigger remote VISION5 studio 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 expose 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 -Power ON/OFF
- ② -Test flash button
- ③ -Select group
- ④ -Select mode
- ⑤ -Select Sync mode/Channel
- ⑥ -Set Modeling lamp/ Turn ON or OFF
- ⑦ -AF-Assist beam
- ⑧ -Adjust parameter
- ⑨ -Save parameter
- ⑩ -Radio transmission confirmation lamp
- ⑪ -LCD screen
- ⑫ -AF-Assist beam

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

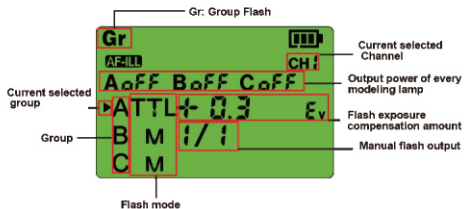


- ⑫ -Battery compartment
- ⑬ -Locking screw
- ⑭ -Hot shoe camera connection

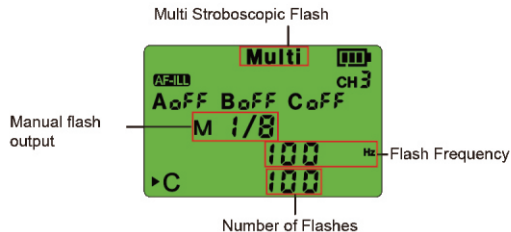


2/ VC-818TX Radio Transmitter LCD screen

Gr: Group Flash



Multi Stroboscopic Flash



- Nota: 1. The LCD screen only shows settings of present application.
2. When press button or rotate dial, the LCD screen illuminates.

3/ Button Operation

Button	Operation	Function
GROUP	Short press	Select A/B/C group in sequence
	Long press 3s	Gr/ MULIT
MODE	Short press (Under Gr mode)	Select flash mode for each group in sequence 1. M 1/X: set output power of flash with HSS function 2. M: Set output power of VISION manual flash (without HSS function) 3. TTL Mode 4. Turn off the group
	Short press (Under Multi mode)	Select flash output / frequency / number of flashes in sequence
	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
SYNC/CH	Long press	Set up channel and ID
	Short press	Set output power of modeling lamp of A/B/C group
MODEL/AF	Long press	Turn on/off AF-Assist beam
	Switch to right side	Switch on power
POWER	Switch to left side	Switch off power
	Short press	Test flash
TEST	Rotate the dial	Set parameter

4/ Install Battery

Move battery cover backward, open battery compartment. According to positive and negative indicator on the battery compartment, install two AA batteries (Optional) or two 1.2V charging battery (Optional).

! Caution: If out of service in long period, please take out battery. When battery is in low level, replacing two batteries together will prevent from miss fire or no fire.



VC-818TX radio transmitter

5/ How to Use Radio Trigger

1 Use sync cord to trigger studio flash (Fig 1)

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

1-2 Set VC-818TX transmitter and VISION5 flash at same channel and ID.

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

Note: VISION brand VCHHLR, VCHH, VE PLUS, VL PLUS, VISION4, VISION5 and VL PLUS AC/DC studio flash includes 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] 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 also 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 simultaneously 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 screen. 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>.

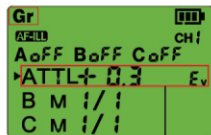
Select <Gr> mode: Long press [Mode] button 3s and set the radio transmitter to <Gr>.

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.

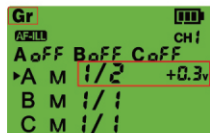
1. When use <TTL> mode, set the flash exposure compensation by rotating dial. Flash exposure compensation range is $\pm 3\text{EV}$ and variable in 1/3 precise increment.

Caution: Studio flash or hot shoe speedlite should support iTTL.



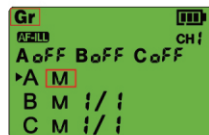
Flash exposure compensation

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 HSS function



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 VCHHLR, VCHH, VE PLUS, VL PLUS and VISION4.



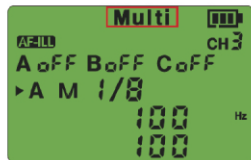
4. When use <OFF> mode, there is no signal on the screen. The transmitter can't trigger flash with HSS features, such as VISION5, VCHSS, VCHS TTL.



13/ Multi Mode: Stroboscopic Operation

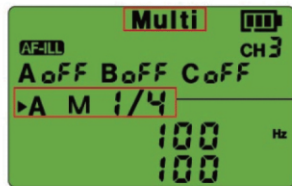
To achieve ideal shooting effect, please only use single light in stroboscopic mode.

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



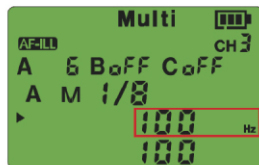
Select group: Short press [GROUP] button to select group A or B or C.

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.



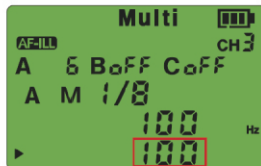
Set up flash frequency of selected group:

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



14/ Set Sync Speed Mode

In Gr mode, Short press [SYNC/CH] button, first curtain, second curtain, and high-speed sync are selectable in sequence.



When mount VC-818TX ITTL transmitter on Nikon camera, it automatic recognizes and reflects camera's shutter sync speed. You only need to adjust shutter sync speed on camera.

Take Nikon D90 as an example, when the camera's shutter sync speed is faster than 1/200s; VC-818TX ITTL transmitter shows high-speed synchronization icon on screen.

When Nikon D90's shutter speed of the camera is equal to or slower than 1/200s, VC-818TX ITTL transmitter automatically displays the front or rear curtain sync mode according to the settings on the camera.

Note:

Different series of Nikon 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, and shows corresponding sync speed icon.

Choose AUTO FP on camera to use high speed sync

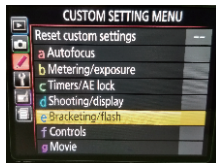
Only when shutter sync speed on Nikon camera is set to 1/250 (AUTO FP) or AUTO FP high speed sync of transmitter will be effective.

Please refer to following steps to realize high speed sync

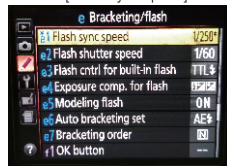
1. Slip the transmitter's mounting foot fully into the camera's hot shoe. Rotate locking ring clockwise, to attach transmitter on camera firmly.

2. Turn on Camera. Choose "M" manual mode" or "S" shutter priority mode by turning the mode dial..

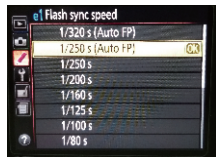
3. Press the [MENU] button on camera, choose [CUSTOM SETTING MUEU], and select [Bracketing/flash].



4. Select [Flash sync speed] .



5. Select Flash sync speed 1/250 (AUTO FP) or turn on [Auto FP] .

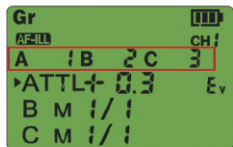


The setting screen varies depending on the camera.

15/ 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 VISICO flashes. It is not applicable to other brand of flashes.

16/Test

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

Specification	
Model No.	VC-918TX ITTL
Compatible camera	Nikon D4/D5/D600/D610/D700/D7000/D7100/D7500/D800/D810/D90/Z7
Channel	Ch. 1 — 8
Wireless radio ID	1 - 30
Slave unit control	Under every channel controls 3 groups of slave units isolately (A,B,C)
Transmission distance	around 25 meters
Flash exposure compensation (FEC)	±3 stops in 1/3 increment
High speed sync	up to 1/8000s
Manual flash	Output control range from 1/1 -1/128 (in 1/3EV increment)
Firmware 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 Nikon cameras. For compatibility of other Nikon camera models, a self-test is recommended. Rights to modify this table are retained.