

remote controller

USER MANUAL

1. GENERAL DESCRIPTION

The model VC-500WLXMT remote controller is design with the latest 2.4GHz technology, and makes use of advanced circuit design and component. The module operates all VISICO studio flash features with integrated receiver module, including VE PLUS, VCHH, VCHHLR, and VISICO4 series, and LED100T.

The circuit design has the function of sleeping mode when standby, so it has super low power consumption. It can work more than one year in sleeping mode or maybe trigger 20,000 times continuously with one battery. There is no any damage to camera. It can use for any traditional and digital camera with hot shoe or PC control socket

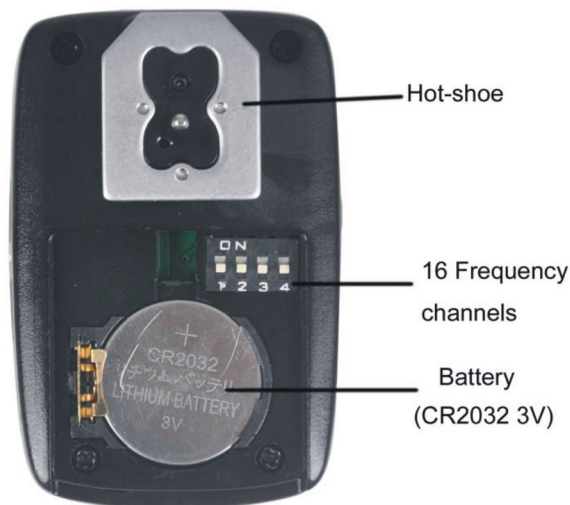
The maximum synchronous speed of the receiver is 1/1000 second and this synchronous speed can satisfy for the various shutter of camera for the purpose of synchronous flash when taking a photo.

2. PRODUCT FEATURES

VC-500WLXMT remote controller 2.4GHz wireless trigger, Far trigger distance, free of dead angle, Operation simply, Super Low Power Consumption, Saving On Battery
Low Voltage Trigger, No Damage To Camera, Channel insulated, Control separately

3. DIGITAL WIRELESS CONTROLLER CONTROLS





4. BATTERY INSTALLATION

To install battery on transmitter, first remove the battery cover by slightly push it forward, then follow the battery polarity direction to insert the battery, and reattach the battery cover.

CAUTION:

Ensure correct polarity.

Use only the Lithium battery CR2032 3V

Remove battery if the remote controller is not used for some time.

5.SET FREQUENCY CHANNEL

There has 4-bit DIP encoding switch in the undersurface of the Digital Wireless Controller.

Note: The Digital Wireless Controller and the studio flash units with intergrated receiver must have the same frequency channel!

When the white handle is turned to number-side "1,2,3,4" the encoding status is set to "0". Channel number is from 0 to 15, totally 16 different channels. Please refer to the following table for specific encoding.

Channel Number	Corresponding Codes	Channel Diagram
0	1 2 3 4	
1	(on)2 3 4	

2	1 (on) 3 4	
3	(on) (on) 3 4	
4	1 2 (on) 4	
5	(on) 2 (on) 4	
6	1 (on) (on) 4	
7	(on) (on) (on) 4	
8	1 2 3 (on)	
9	(on) 2 3 (on)	
10	1 (on) 3 (on)	
11	(on) (on) 3 (on)	
12	1 2 (on) (on)	
13	(on) 2 (on) (on)	
14	1 (on) (on) (on)	
15	(on) (on) (on) (on)	

On the radio transmitter, the code from left to right is 1,2,3,4.

When push the button to "ON", every code represent a value, channel 1 represent digit 1, 1, channel 2 represents digit 2, channel 3 represent digit 4, channel 4 represent digit 8. When push the button to OFF, the digit is 0. You can calculate the total value according to the key's state.

For example, when all the 4 buttons are set to "ON" side, the total value is $1+2+4+8=15$. "15" is the channel code.

6. SET GROUP

There are totally 4 groups for your choice from G1,G2,G3 to G4.

Press Group Button to circle through group 1 to 4. LED indicator illuminates at 1s to show the corresponding group.

Note: Only when the Digital Wireless Controller and the VISICO studio flash units with integrated receiver at the same channel and the same group, the flash output and modeling lamp of studio flash can be remotely controlled.

The following picture shows how to set the same groups between remote controller and flash light with integrated 2.4G radio receiver.

Corresponding Group Code on Studio Flash	Corresponding Setup on Remote Controller VC-801TX
 Ga	Group 1
 Gb	Group 2
 Gc	Group 3
 Gd	Group 4

7. VC-801TX CONTROLLER FEATURES

Depending upon which **Group** is selected, the following flash light settings can be modified:

1). Flash power increase in 1 f-stops.

Press Increase button to **increase** the **power** of selected Group of studio flash in 1 f-stop

2). Flash power decrease in 1 f-stops.

Press Reduce button to **decrease** the **power** of selected Group of studio flash in 1 f-stop

3). Control Modeling lamp

Press and hold Increase flash output & turn on modeling lamp button 2s to turn on the modeling lamp of the selected Group of studio flash.

Press and hold Reduce flash output & turn off modeling lamp 2s to turn off the modeling lamp of the selected Group of studio flash.

4). Hot-Shoe Connector

If the camera has no Hot shoe Jack, just insert one end of the synchronous line coming with wireless controller into the 3.5mm sync socket, and put the other end into the X synchronous jack of the camera.

5).Integrated Hot-Shoe SYNC 3.5 mm Socket

Use the included Sync cable to connect the integrated 3.5 mm Mono Jack socket with the camera or lens PC socket directly.

To trigger studio flash, press test button.

8. TECHNICAL DATA

Power supply of transmitter	CR2032 3V mini-battery
Operation frequency	2.4GHz for worldwide use
Service life of battery	1 year
Trigger times of battery	over 20,000 flashes
Frequency channels	16
Selectable trigger groups	4
Trigger distance	Up to 100m range outdoors

9. NOTICE

- 1) There will be miss out trigger phenomenon when the battery will run out , please replace the battery.
- 2) Do not drop it and collide it with hard objects.
- 3) Keep the dry, avoids to strike of thunderbolt, pour water or excessive moist.

10. TROUBLESHOOTING

Have this problem?	Check the following points
No flash unit can be triggered with the Wireless Controller	◆ Check the battery polarity. ◆ Check if the frequency channel of the studio flash is set at the same as the Wireless controller. ◆ Check hot shoe fitting. ◆ Connect the 3.5mm to PC SYNC cable instead of hot-shoe connection. ◆ Check the distance between the radio trigger and flash.
Flash unit can be triggered, but flash output and modeling lamp can't be operated	◆ Set the flash light and the Wireless Controller at the same frequency channel and the same group.

FCC ID: 2ACZK-VC500

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.