



Transmitter VC-816TX
USER MANUAL

1.GENERAL DESCRIPTION

The model VC-816TX Digital WirelessTransmitter is design with the latest 2.4GHz technology, and makes use of advanced circuit design and component. It has 15 insulated channels separately. The module operates all VISION studio flash features with integrated receiver module, including VE PLUS, VCHH, VCHHLR, VC-HS,VISICO4 , VL PLUS, VL PLUS AC DC series.

The signal transmitter makes use of advanced circuit design and component. It can transmit wireless signal that is being encoded. The circuit design has the function of sleeping mode when standby, so it has super low power consumption. It can use for any traditional and digital camera with hot shoe or PC control socket.

2.PRODUCT FEATURES

2.4GHz wireless transmitter, Free of dead angle, Low Voltage Trigger, No Damage to Camera

3.PRINCIPAL PARAMETERS

- 1) Power supply: CR2 3V battery
- 2) Effective trigger distance: 15m
- 3) Work frequency: 2.4GHz

4.NAMES OF PRINCIPAL PARTS



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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 1channel 2 represents digit 2, channel 3 represent digit 4, channel 4 represent digit 8. When push the button to “number side”, 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. Basic installation

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

7. Technical d atas

Power supply of transmitter	CR2 3Vbattery
Operation frequency	2.4GHz
Trigger times of battery	20000
Trigger delay	0.5ms
Channel number	15
Effective trigger distance	15m
Operation indicator	LED
Sync cord jack	φ3.5 mm
Weight of trigger	38g(transmitter)

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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.

Channel Number	Corresponding Codes	Channel Diagram								
1	(on)2 3 4	<table><tr><td>0</td><td>N</td><td></td><td></td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td></tr></table>	0	N			1	2	3	4
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5. CHANNEL NUMBER
There has encoding switch in the underside.
Note: The Digital Wireless Controller and the studio flash units with integrated receiver must have the same frequency channel!