



# U6 COMPACT WIRELESS MIC SYSTEM

English Manual



## FEATURES

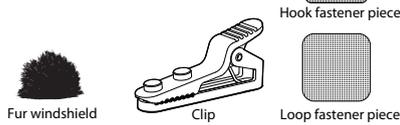
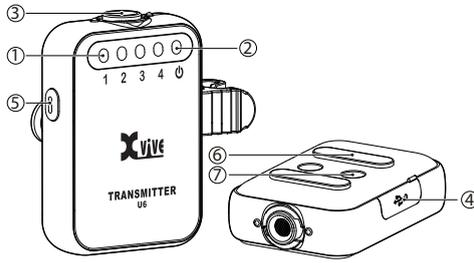
U6 is an ultra-compact wireless mic system designed primarily for video production. The transmitter can be worn discreetly in two different modes: Clip and Hook+Loop. The Clip holds the transmitter in position on the underside of your shirt for a very understated look. Alternately, the Hook+Loop method completely conceals the transmitter underneath your clothing. Both installation modes are versatile and provide a solution for any application. The transmitter features a built-in omnidirectional condenser microphone, and wirelessly transmits crystal-clear, broadcast-grade digital audio on the 2.4 GHz band to the camera-mounted receiver. The system's four-channel design allows you to use four U6 sets in one area; or, with one set, having four frequencies to choose from ensures connection if there are competing wireless devices nearby. U6 is perfect for video content creation, filmmaking, vlogging, YouTube, live streaming, and more.

- 2.4 GHz True Diversity wireless system
- Omnidirectional microphone built into the Transmitter
- High-resolution 24-bit / 48 kHz audio
- Up to 4 hours of battery life
- Less than 5 ms latency
- 4 wireless channels
- Dynamic range: 100 dB
- Signal-to-noise ratio: 100 dB
- 3.5 mm / 1/8" TRS output from the receiver to your DSLR or video camera
- Three receiver output level presets: 0 dB, -10 dB, and -20 dB
- Frequency response: 80 Hz – 20 kHz
- Solid RF connection over a 90-foot range (actual range depends on RF signal absorption, reflection and interference)

## PRODUCT SPECIFICATIONS

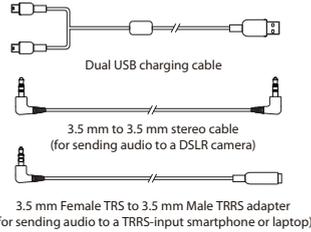
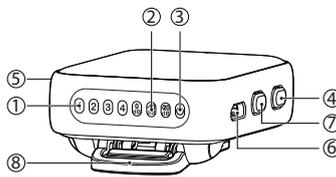
- 1. Wireless Type:** 2.4 GHz ISM worldwide open band
- 2. Wireless Range:** Up to 90 ft; depends on RF signal absorption, reflection and interference
- 3. RF Sensitivity:** -86 dBm and -92 dBm
- 4. Total Harmonic Distortion:** 0.2%
- 5. Transmitter RF Output Power:** <10 mW E.I.R.P. max
- 6. Antenna Type:** 1/4 wave sleeve dipole, non-removable
- 7. Number Of Antennas:** Transmitter: 1, Receiver: 2 (True diversity for both channels simultaneously)
- 8. Channel Count:** Up to 4
- 9. Latency:** 5 ms
- 10. High-Resolution Audio:** 24-bit / 48 kHz
- 11. Transmitter Mounting Modes:** Clip / Hook+Loop
- 12. Microphone Polar Pattern:** Omnidirectional
- 13. Frequency Range:** 80 Hz – 20 kHz
- 14. Sensitivity:** -32 dB ± 3 dB
- 15. Dynamic Range:** 100 dB
- 16. Signal-To-Noise Ratio:** 100 dB
- 17. Receiver Analog Outputs:** 3.5 mm TRS
- 18. Receiver Output Gain:** 0 dB, -10 dB, -20 dB
- 19. Charging Voltage & Current:** 5V 1A
- 20. Battery:** 3.8V rechargeable Li-ion  
Receiver: 420 mAh / Transmitter: 330 mAh
- 21. Battery Life:** 4 hours
- 22. Dimensions:**  
Receiver: 39 x 14 x 50 mm / Transmitter: 30 x 13 x 43 mm
- 23. Weight:** Receiver: 29 g (1.02 oz) / Transmitter: 18 g (0.63 oz)

## TRANSMITTER



- 1 Channel display
- 2 Power LED
- 3 Microphone
- 4 USB charging port
- 5 Power and Channel switch
- 6 Hook fastener
- 7 Clip sockets

## RECEIVER

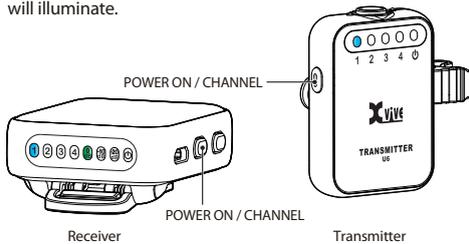


- 1 Channel display
- 2 Gain display
- 3 Power LED
- 4 Gain switch
- 5 3.5 mm TRS output
- 6 USB charging port
- 7 Power and Channel switch
- 8 Clip

## QUICK START

### 1. POWER AND CHANNEL

Turn the units on by pressing and holding the power button for 3 seconds, until the display screen lights up. Short presses on the power button will change to the next channel (check the 1-4 channel display). Make sure you are set to the same channel on both the transmitter and the receiver. When the units are successfully paired, the green LED on the receiver will illuminate.



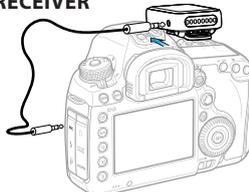
### 2. SET UP TRANSMITTER

Please keep the transmitter at least 10 inches away from your mouth or audio source.



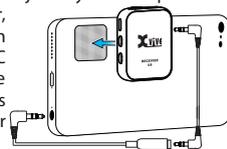
### 3. CONNECTING THE RECEIVER TO A DSLR CAMERA

Slide the receiver's foot into the camera's shoe mount. Connect the receiver output to the camera input using the supplied 3.5 mm TRS cable.

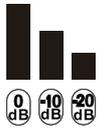
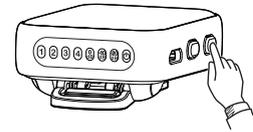


### 3.1 CONNECTING THE RECEIVER TO A SMARTPHONE

To connect to a smartphone with a TRRS 3.5 mm / 1/8" jack, plug one end of the included stereo cable into the receiver, and the other end into the TRS to TRRS adapter. Plug the adapter into the smartphone's headphone jack. If your smartphone has a USB-C or lightning connector, you will need to purchase an additional adapter (TRRS to USB-C or TRRS to lightning). You can use the hook+loop fastener adhesives to attach the receiver to your smartphone or tripod/mount.



## 4. 3-LEVEL OUTPUT GAIN



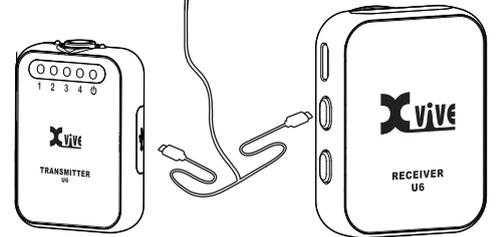
## 5. BATTERIES AND CHARGING

The U6 system comes with a dual USB charging cable, which charges the transmitter and the receiver at the same time. Plug it into any 5V USB charger adapter or USB power source.

**Note:** Turn off the power while charging. Please do not use U6 while charging, as this may reduce your battery life.

### POWER STATUS LED INDICATES POWER STATUS

LED off = 100% ~ 30%
Solid red = 29% ~ 11%
Flickering red = less than 10%

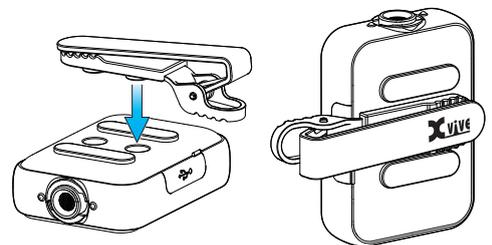


- \* Always store at room temperature
- \* When storing the unit, please check the battery charge level regularly and charge if necessary.

## TRANSMITTER APPLICATION METHOD

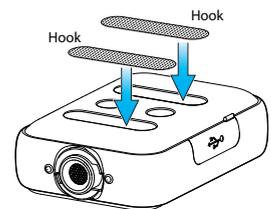
### CLIP

Fasten the clip to the transmitter by pressing the round nubs on the clip into the round sockets on the transmitter. When the transmitter is clipped underneath your shirt or other clothing, it may create a slight protrusion, but will be generally unnoticeable.



### HOOK+LOOP

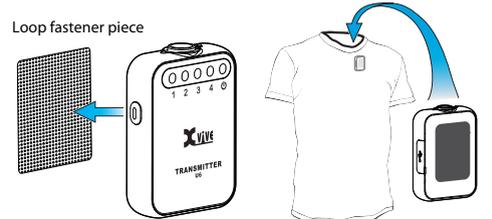
Stick the Hook pieces on the transmitter



### WARNING

Hook fastener material can catch onto knit or loosely woven fabrics (e.g. wool sweaters) and cause damage, so avoid making contact between the hook fastener on the back of the transmitter and your clothing. The adhesive on the back of the loop fastener piece can leave a residue on some fabrics. Avoid leaving the loop fastener stuck on clothing for a long time. Please use with caution.

There are two small hook fastener adhesive strips on the transmitter. Stick a loop sticker on the inside surface of your clothing, or anywhere else within range of the transmitter (about 10 inches from your mouth). Then simply press the transmitter against the loop piece.



## CERTIFICATION



Hereby, SHENZHEN FZONE TECHNOLOGY CO., LTD, declares that this type of equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU



**WARNING:** This product can expose you to Lead, which is known to the State of California to cause cancer and reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

Radio Approvals: FCC Part 15.249, FCC Part 15 B, RSS-210 (Canada), EN 300 440 (Europe), EN 301.489 (Europe)

This Class B digital apparatus complies with Canadian ICES-003.

IC Caution: RSS-Gen Issue 4 December '8&' CNR-Gen 4e Décembre: This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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 UNDESIRE OPERATION.

### WARNING:

Changes or modifications not expressly approved in writing by Xvive may void the user's authority to operate this equipment.

### RF EXPOSURE STATEMENT:

This transmitter must not be co-located or operated in conjunction with any other antenna or 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.

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.



**CAUTION**  
**RISK OF ELECTRIC SHOCK**  
**DO NOT OPEN**



**WARNING:**  
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT REMOVE SCREWS.  
NO USER-SERVICEABLE PARTS INSIDE.  
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

**WARNING:**  
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THE APPLIANCE TO RAIN OR MOISTURE.

## IMPORTANT SAFETY INSTRUCTIONS: PLEASE READ THESE INSTRUCTIONS AND KEEP THEM IN A SAFE PLACE



**WARNING: BEFORE USING YOUR  
XVIVE WIRELESS AUDIO FOR VIDEO SYSTEM,  
CAREFULLY READ THE OPERATING INSTRUCTIONS:**

1. Observe all instructions in the U6 manual carefully.
2. Do not perform service operations beyond those described in the U6 manual. Service is required when the apparatus has been damaged in any way, such as:
  - Liquid has been spilled or objects have fallen into the apparatus;
  - The unit has been exposed to rain or moisture;
  - The unit does not operate normally, or performance changes in a significant way;
  - The unit is dropped or the enclosure is damaged
3. Do not place near heat sources, such as radiators, heat registers, or appliances which produce heat.
4. Guard against objects or liquids entering the device. Do not use or place unit near water.
5. Clean only with a dry cloth.
6. Only use attachments/accessories specified by Xvive.
7. Prolonged listening at high volume levels may cause irreversible hearing loss and/or damage. Always be sure to practice "safe listening."

## SAFETY INSTRUCTIONS FOR LITHIUM-ION RECHARGEABLE BATTERIES

If abused or misused, the rechargeable batteries may leak. In extreme cases, they may even present a risk of explosion, fire, heat, smoke or gas. Xvive does not accept any liability for damage arising from abuse or misuse.

- Keep away from children.
- Only charge rechargeable batteries with chargers recommended by Xvive.
- Observe correct polarity.
- Pack/store charged rechargeable batteries so that the terminals cannot contact each other (danger of shorting out/fire hazard).
- Do not expose to moisture.
- Switch rechargeable battery-powered products off after use.
- Only charge rechargeable batteries at ambient temperatures between 10°C/50°F and 40°C/104°F.
- When not using rechargeable batteries for extended periods of time, charge them regularly (about every three months).
- Do not mutilate or dismantle.
- Do not heat above 60°C/140°F, e.g. do not expose to sunlight or throw into a fire.
- Immediately remove rechargeable batteries from obviously defective products.
- Do not continue to use defective rechargeable batteries.
- Only use rechargeable batteries specified by Xvive.
- Dispose of rechargeable batteries at special collection points or return them to your specialist dealer.
- Store the products in a cool and dry place at room temperature (approx. 20°C/68°F).
- Remove the rechargeable batteries if the products will not be used for extended periods of time.

## INFORMATION ABOUT COLLECTION AND DISPOSAL OF OLD ITEMS AND USED BATTERIES



These symbols on the products, packaging, or on any documents in the package mean it is incorrect to mix the used electrical and electronic products and batteries with general household garbage.

To protect our environment, please take old products and used batteries to proper collection places, and follow your national legislation and the Directives 2012/19/EU and 2006/66/EC.

To deal with these old products and batteries properly, please help to save valuable resources and prevent any possibility of side effects on human health and our environment due to the inappropriate disposal of the old products and used batteries. You can contact your local authority for getting more helpful information on how to dispose the recycling and collection of the old products and batteries.



Cd

**[For business users in the European Union]**  
If you want to discard electrical and electronic item, please contact your dealer or supplier for further information.

**[Information on Disposal in other Countries outside the European Union]**

These symbols are only valid in the European Union. Please contact your local authorities or dealer for more information on disposal of old items and used batteries.

## ONE-YEAR LIMITED WARRANTY

Xvive Corporation Ltd. [Xvive] warrants our products to be free of defects in materials and workmanship in normal use for a period of one (1) year from the date of original purchase. Please visit <https://www.xvive.com> to register your new purchase. Xvive will, at its sole discretion, or in affiliation with our authorized retailers, repair or replace at no charge, any unit that is inspected by Xvive or an affiliated Xvive service center and deemed to be defective within the warranty period. This warranty is non-transferrable.

This warranty is only valid to the original purchaser, only when purchased "new-in-box" from an Authorized Xvive Dealer and with a valid proof of purchase bearing the purchase date.

### Within the USA:

- All Xvive warranty claims should be made with the retailer from which the unit was purchased. This applies to both retail stores and online retailers.

### Outside of the USA:

- For all warranty and non-warranty claims, the purchaser should contact the Authorized Xvive Retailer from which the unit was purchased within the country or province in which it was purchased for information on how to obtain warranty or non-warranty service.

### This limited warranty does not cover the following:

- Products that have been modified in any way;
- Any products whose serial numbers have been altered or removed;
- Exterior cosmetic damage or damage to the finish due to misuse or normal wear and tear;
- Products that were purchased as "used", items listed as demo stock or refurbished items;
- Damage to the product or parts caused by improper storage by the user;
- Any freight charges (from or to the retailer);
- Shipping Damage:
  - Shipping damage claims must be filed with the freight carrier (such as UPS, FedEx).
  - Notify the freight carrier immediately of any shipping damage upon receipt of damaged items to begin the claim process.
  - We also recommend reporting any shipping damage claim within (48) hours of receipt to the Authorized Retailer from which the item was purchased.
  - Keep all original documents and packing materials until freight damage claim has a final resolution.

### For units returned to Xvive USA:

- The item must be returned in the same format in which it was purchased. If a system containing a transmitter and receiver was purchased, then both units will need to be returned together.
- The purchaser will pay all freight charges to return the original item to Xvive USA or its affiliated service centers.
- If the unit is deemed to be covered by this warranty, Xvive will ship the repaired or replacement unit to the purchaser free-of-charge and without any additional freight charges.
- If the unit is deemed to NOT be covered by this warranty, other charges plus return freight charges will apply.

EXCEPT AS EXPRESSLY SET FORTH ABOVE IN THIS LIMITED WARRANTY, XVIVE MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES TO THE EXTENT PERMITTED BY LAW. XVIVE ASSUMES NO LIABILITY FOR PROPERTY DAMAGE RESULTING FROM FAILURE OF THIS PRODUCT NOR ANY LOSS OF INCOME, SATISFACTION, OR DAMAGES ARISING FROM THE LOSS OF USE OF SAME DUE TO DEFECTS OR AVAILABILITY OF SAME DURING SERVICE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR BY COUNTRY OR PROVINCE.

For warranty inquiries not covered in this policy, please contact [support@xvive.com](mailto:support@xvive.com)

## 2.4 GHZ WIRELESS OVERVIEW AND INTERFERENCE

U6 operates on the 2.4 GHz ISM band, which is also used by Wi-Fi, Bluetooth, and other wireless devices. 2.4 GHz is an open band and, as such, does not require a license to be used worldwide.

### Tips and Methods to Improve Wireless System Performance

- 1) Keep more than 3 metres of distance between the U6 receiver unit and Wi-Fi transmitters, such as routers.
- 2) If you experience interference from Wi-Fi devices in the vicinity, try changing to a different channel on the U6 transmitter and receiver.
- 3) If necessary, shorten the distance between the transmitter and receiver units.



MADE IN CHINA

## SHENZHEN FZONE TECHNOLOGY CO., LTD.

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## XVIVE CUSTOMER SERVICE

Email: [support@xvive.com](mailto:support@xvive.com)

Or, you can find your local distributor at [www.xvive.com](http://www.xvive.com)