



# UHF Wireless Microphone System Guide User's Manual

## STZ-W202

### Product Features

- Carrier frequency band: UHF adjustable(470.2-607.8MHz)
- Digital audio transmission technology
- The unique digital ID code pilot technology completely solves the crosstalk phenomenon of the same frequency.
- Ultra-low audio delay.
- Audio sampling mode: 48KHz.
- Frequency response range: 50Hz-18KHZ
- Receive automatic scan
- Theoretical transmission distance of open environment: 20-50 meters

### Handheld microphone specifications

- Microphone type: Moving coil
- Pickup method: Heart-shaped
- Frequency Range: 470.2-607.8MHz
- RF bandwidth: 60MHz
- Transmit power: 10mW
- Frequency response: 50Hz-18KHZ
- Dynamic Range: 96dB
- Harmonic radiation: <-50dBc
- Distortion: <0.1 %
- Power supply: Two 1.5V "AA" battery (3V) (NOT INCLUDED)

### Receiver:

- Frequency Range: 470.2-607.8MHz
- RF bandwidth: 60MHz
- Frequency: 32 pcs
- Signal to noise ratio: ≥96dB
- Receive sensitivity: -95dBm
- Frequency response: 50Hz - 18KHz
- Distortion: 0.05%
- Dynamic Range: 96dB
- Receive delay: 2.5ms
- Power supply: One 18650 lithium battery (3.7V)




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### Cleaning and maintenance of the receiver

Liquid possible damage electronic device of the receiver!

 Liquid may penetrate into the enclosure and cause short circuit of the electronic device.

- ◆ [Receiver must not come into contact with any liquid.]
- ◆ Before start cleaning, please disconnect the device power.
- ◆ Regularly with a soft cloth to clean the equipment, Never allow use solvents or cleaning agents.

### Tips and tricks

... in order to obtain the best receiving

- Transmitter effective signal range depending on the working environment and conditions, May is between 10 m and 100 m.
- Transmitting and receiving antenna should not be obstacles blocking the line of sight.
- When the poor reception conditions should in receiver through the antenna cable connecting two separated antenna.
- Transmitting and receiving antennas should keep 5 m minimum distance. This can avoid receiver of radio signal overshoot. - between receiving antenna and steel or concrete wall should ensure the minimum spacing of 50 cm and with V shaped antenna calibration.

... in the multi channel device operation

- When using multiple transmitters, should avoid the transmitter spacing is too short to form a transmission line interference. The transmitters to maintain at least 20 cm spacing.

FCC Warning:

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.