



# 1 Receiver + 4 Hand-held Wireless Microphone

Corresponding model of the radio transmission device approval certificate(CMIIT):

Hand-held wireless transmitter T-52X

**TS-354UH**



## 1 Receiver + 4 Hand-held Microphones

### Feature:

- \* Advanced PLL phase-locked loop frequency synthesis technology, CPU bus control system of microcomputer integrated central processor.
  - \* Compatible with manually frequency selection and infrared automatic frequency locking channel, noise and sound code lock squelch control, more stable signal transmission.
  - \* Advanced filtering and anti-interference functions can effectively block the external interference of poor signals or phone signals.
  - \* Use 640-830MHZ bands, each receiver has 200 adjustable frequencies.
  - \* The traditional control button is more durable and affordable, built-in high performance voice companding technology, support both balanced and unbalanced output ports, better sound quality.
- Applicable to conference rooms, classrooms, banquet halls and other places.

### Specifications:

|                                   |  |   |
|-----------------------------------|--|---|
| <b>System</b>                     | <b>Frequency range</b>                 | 640-690MHZ, 740-790MHZ, 807-830MHZ  |
|                                   | <b>Number of channel</b>               | 500   |
|                                   | <b>Channel interval</b>                | 50MHZ   |
|                                   | <b>Carrier wave stability</b>          | Within $\pm 0.005\%$  |
|                                   | <b>Dynamic range</b>                   | 100dB   |
|                                   | <b>Maximum frequency deviation</b>     | $\pm 45\text{KHZ}$  |
|                                   | <b>Audio response</b>                  | 80HZ-18KHZ ( $\pm 2\text{dB}$ )   |
|                                   | <b>SNR</b>                             | > 105dB   |
|                                   | <b>Sensitivity</b>                     | -105 dBm for 12 dB SINAD, typical   |
|                                   | <b>THD</b>                             | $\leq 0.5\%$  |
|                                   | <b>Maximum output intensity</b>        | +10 dBV   |
| <b>Effective working distance</b> | 50m on open space                      |   |
| <b>Receiver</b>                   | <b>Screen</b>                          | LCD display   |
|                                   | <b>Antenna interface</b>               | BNC / 50 ohms   |
|                                   | <b>Audio output level</b>              | Balanced 200 $\Omega$ , load-13dBV, unbalanced 600 $\Omega$ Load -2 dBV<br>( $\pm 40$ KHz when the frequency deviation is in 1k signal, load) |
|                                   | <b>Audio output impedance</b>          | Balanced 200 $\Omega$ ; 1-channel merged unbalanced 600 $\Omega$  |
|                                   | <b>Balanced output</b>                 | 1-pin ground wire(output line shielding layer), 2-pin audio, 3-pin audio  |
|                                   | <b>Power</b>                           | DC12V --- 1A  |
|                                   | <b>Working temperature</b>             | -10 $^{\circ}\text{C}$ ~ + 40 $^{\circ}\text{C}$  |
|                                   | <b>Size</b>                            | 44.5 $\times$ 422 $\times$ 179mm  |
| <b>Weight</b>                     | 1.95Kg (excluding antenna and battery) |   |
| <b>Microphone</b>                 | <b>Frequency range</b>                 | 640-690MHZ, 740-790MHZ, 807-830MHZ  |
|                                   | <b>Output power</b>                    | High power 30mW; low power 3mW  |
|                                   | <b>Harmonic radiation</b>              | <-55dBc   |
|                                   | <b>Maximum deviation</b>               | $\pm 70\text{KHz}$  |
|                                   | <b>Maximum input sound pressure</b>    | 140dB SPL   |
|                                   | <b>Oscillation mode</b>                | PLL phase-locked loop frequency synthesis   |
|                                   | <b>Frequency adjustment</b>            | Automatic locking receiver working channels   |
|                                   | <b>Battery</b>                         | Two AA 1.5V batteries   |
|                                   | <b>Size</b>                            | 268(L) $\times$ 35(D)(mm)   |
| <b>Weight</b>                     | 0.34Kg(excluding battery)              |   |