



# 1 Receiver + 4 Wireless Microphone

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

(Hand-held wireless transmitter T-52X, desktop wireless microphone T-52D)

## TS-354/TS-354H



### Description:

- \* 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.
  - \* The V/A screen is clear at any angle and can display channel number and working frequency, and supports 8-level RF display, 8-level audio level display, channel menu display, muted display
  - \* 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, meet the different device connection requirements.
- Applicable to conference rooms, classrooms, banquet halls and other places.

### Specifications:

|                        |                             |  |
|------------------------|-----------------------------|--|
| System                 | Frequency range             | 640-690MHZ, 740-790MHZ, 807-830MHZ   |
|                        | Number of channel           | 500  |
|                        | Channel interval            | 50MHZ  |
|                        | Carrier wave stability      | Within $\pm 0.005\%$   |
|                        | Dynamic range               | 100dB  |
|                        | Maximum frequency deviation | $\pm 45\text{KHZ}$   |
|                        | Audio response              | 80HZ-18KHZ ( $\pm 2\text{dB}$ )  |
|                        | SNR                         | > 105dB  |
|                        | Sensitivity                 | -105 dBm for 12 dB SINAD, typical  |
|                        | THD                         | $\leq 0.5\%$   |
|                        | Maximum output intensity    | +10 dBV  |
|                        | Effective working distance  | 50m on open space  |
|                        | Receiver                    | Screen   |
| Antenna interface      |                             | BNC / 50 ohms  |
| Audio output level     |                             | Balanced 200 $\Omega$ , load-13dBV, unbalanced 600 $\Omega$<br>Load -2 dBV ( $\pm 40\text{ KHz}$ when frequency deviation is in 1k signal, load) |
| Audio output impedance |                             | Balanced 200 $\Omega$ ; 1-channel merged unbalanced 600 $\Omega$ ;   |
| Balanced output        |                             | One-pin ground wire(output line shielding layer), 2-pin audio, three-pin audio   |
| Power                  |                             | DC12V --- 1A   |
| Working temperature    |                             | -10 $^{\circ}\text{C}$ ~ + 40 $^{\circ}\text{C}$   |
| Size                   |                             | 422 $\times$ 44.5 $\times$ 179 mm(W $\times$ H $\times$ D)   |
| Weight                 |                             | 1.86Kg (excluding antenna and power supply)  |
| Microphone             | Antenna                     | Built-in helical antenna   |
|                        | Output power                | High power 30Mw; low power 3Mw   |
|                        | Discrete suppression        | -60dB  |
|                        | Power supply                | 3 AA 5# batteries, 3 NIMH rechargeable batteries,<br>or directly connect the receiver switching power supply to the charging port of the base    |
|                        | Usage time                  | More than 10h at 30mW  |
|                        | Weight                      | 0.34Kg (hand-held), 0.85Kg (goose-neck), excluding battery   |
|                        | Size                        | Hand-held: 268(L) $\times$ 35(D)(mm)<br>Goose-neck Mic: mic pole: 409.7mm;<br>base: 185(L) $\times$ 50(H) $\times$ 117(W)(mm)                    |