



### Characteristic:

- \* Many sets of machine can use this system simultaneously and can escape various interferences easily.
- \* The setting and locking function owned by sender and receiver can avoid misoperation in use.
- \* Up to 200 senders can be used simultaneously.
- \* The sound quality is professionally designed according to KTV private room.

### Transmitter parameters

| Handheld transmitter index |   |
|----------------------------|---|
| Antenna                    | Internal helical antenna of handheld microphone |
| Transmitted power          | <10mV   |
| Spurious suppression       | -60dB   |
| Power supply               | two-segment5#1.5v alkaline batteries            |
| Battery service life       | about ten hours under normal power transmission |

### Waist hanging type transmitter

| Waist-hanging transmitter index |   |
|---------------------------------|---|
| Antenna                         | the hanging transmitter adopts 1/4 wave-length whip antenna |
| Transmitted power               | <10mV   |
| Spurious suppression            | -60dB   |
| Power supply                    | two-segment5#1.5v alkaline batteries                        |
| Battery service life            | about ten hours under normal power transmission             |

### Receiver

| Model   | T-521UX   |
|---|---|
| System parameter                                |   |
| Word frequency                                  | 740-790MHZ(the applicable frequency depends on local regulation)  |
| Number of channel                               | 100   |
| Channel spacing                                 | 250KHZ  |
| Frequency stability                             | $\pm 0.005\%$   |
| Dynamic range                                   | 100dB   |
| Maximum deviation                               | $\pm 45\text{KHz}$  |
| Audio frequency response                        | 80Hz-18KHz ( $\pm 3\text{dB}$ ) (frequency response of the whole system depends on the microphone unit)           |
| Comprehensive signal to noise ratio             | >105dB  |
| Comprehensive distortion                        | $\leq 0.5\%$  |
| Working distance                                | 60m(Working distance depends on many variation which includes absorbing,reflection and interference of RF signal) |
| Working environmental temperature               | -10 $^{\circ}\text{C}$ -- +50 $^{\circ}\text{C}$  |
| Standard true diversity receiver Receiver index |   |
| Receiver mode                                   | double super heterodyne   |
| Intermediate frequency                          | 110MHZ,10.7MHZ  |
| Antenna access                                  | BNC/50 $\Omega$   |
| Sensitivity                                     | 12dBuV(80dB S/N)  |
| Adjustable range of sensitivity                 | 12-32dBuV   |
| Spurious suppression                            | $\geq 75\text{dB}$  |
| Maximum output level                            | +10dBv  |
| Power supply mode                               | direct current 12V~18V 500mA input  |