



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-521UP
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℃--+50℃
Standard true diversity receiver Receiver index	
Receiver mode	double super heterodyne
Intermediate frequency	110MHZ,10.7MHZ
Antenna access	BNC/50 Ω
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