

# QT-360B

## Dual Channel Wireless Microphone



### Features

QT-360B is made of high-grade aluminum alloy panel with classic black wire drawing and oxidation treatment process spray paint which makes the product more durable. The panel has special antenna fixed hole position to solve the problem of poor acceptance effect caused by cabinet sealing. We also matching the customized corner code, make the project installation more simple.

### Functions

- 200 adjustable channels, adopt a new audio circuit framework, digital mute, potentiometer voice star word section, built-in frequency shift processing function, take the initiative to prevent whistle.
- Adopt advanced automatic frequency matching technology, the transmitter will automatically track and lock the receiver frequency.
- With ID recognition function, the function of the screen to eliminate interference and cross frequency phenomenon.
- LCD color liquid display make the working state of the receiver and transmitter can be seen at a glance.
- More comfortable host can be equipped with Hand-held / Lapel Microphone/ Headset Microphone.
- RF frequency ranges: 610.05-669.75MHz.
- Frequency stability:  $\pm 0.002\%$ .
- Frequency response range: 60Hz-16KHz.
- Comprehensive distortion:  $\leq 0.5\%$ .
- S/N ratio:  $\geq 75\text{dB}$
- Phase-locked loop (PLL) frequency synthesizer
- Sensitivity:  $> 90\text{ dBm}$
- Dynamic range: 100dB
- Antenna: 2, impedance 50 $\Omega$

## Receiver Specification

Model	QT-360B
Frequency range	610.05-669.75 MHz
Frequency stability	± 0.002%
FM maximum modulation deviation	± 45 KHz RF
Output max	RF +40; AF peak and -30
Output	XLR x 2; 6.5mm x1
Comprehensive distortion	≤0.5%
S/N ratio	≥75dB
Pickup distance	30-60 meter
Weight	1.5 kg
Dimensions	480x180x45 (mm)
Color	Black
Power supply	Adapter 12V DC, 1000mA

## Lapel Microphone Specification

Frequency range	610.05-669.75 MHz
Frequency stability	± 0.002%
FM maximum modulation deviation	± 45 KHz RF
RF output power	High 10mW / Low 5mW
Comprehensive distortion	≤0.5%
S/N ratio	≥75dB
Pickup distance	30-60 meter
Weight	87.8g include lapel
Dimensions	110 mm
Color	Black
High harmonics	Lower than 60dB
Power	2AA Battery

## Handheld Microphone Specification

Frequency range	610.05-669.75 MHz
Polar pattern	Cardioid
Capsule type	Moving-Coil
Power output	30 mW
Spurious suppression	-60dB
Pickup distance	30-60 meter
Power supply	2AA Battery

## Environmental

Working temperature	-4°C to +60°C
Storage temperature	-20°C to +70°C
Relative Humidity	<95%