

TES-5608AN Digital IR Clip Microphone



Functions

- Original dirATC—digital infrared audio transmission and control technology
- Infrared transmitting carrier frequency conforms to IEC 61603-7, DQPSK digital modulation/demodulation technology
- Insusceptible to interferences from HF-driven lighting and works perfectly in sunlight
- Emission angle: vertical: 0°~ 90°, horizontal: 120°
- Emission range: linear transmitting distance: over 25 m
- TES-5608AN is a light-weight clip microphone, with an 1.5 meter USB cable for connecting to TES-5608BN/20 and a clip for fitting on the lapel or necktie
- TES-5608AN is powered by TES-5608BN/20, which has built-in rechargeable lithium battery. and operation duration when microphone is continuously on is approximately 7 hours.
- Transmitter powers off automatically when no voice is detected for a preset period of time
- Microphone channel adjustable
- Volume adjustment of the microphone

Interconnections

- Type C USB cable for connecting to TES-5608BN/20

Technical Specifications

Electrical

IR transmission wavelength.....	870 nm
Modulation method.....	DQPSK
Power.....	DC 5 V, 2 A
Carrier frequency.....	Audio channel 1: 1.0 MHz
	Audio channel 2: 1.67 MHz
	Audio channel 3: 2.33 MHz
	Audio channel 4: 3.0 MHz
	Audio channel 5: 3.67MHz
Capacity of battery.....	2300 mAh
When mic. is continuously on.....	Approx. 7 hours

Interface data

Connector.....	Ø 3.5 mm jack for auxiliary audio input
	USB port for charging/ connecting to microphone

Microphone

Type.....	Uni-directional electret condenser microphone
Sensitivity.....	-46 dBV/Pa
Frequency response.....	75 Hz ~ 20 kHz
input resistance.....	680 Ω
Directivity 0°/180°.....	> 20 dB (1 kHz)
Equivalent noise.....	20 dBA (SPL)
Maximum sound pressure level.....	115 dB (THD < 3%)

Mechanical

Color.....	Dark red
Dimensions (h x w x d).....	47x43x14 mm
Weight.....	20 g

Ordering Information

TES-5608AN.....	Digital Infrared Clip Microphone
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