

TES-5604N_W Digital Infrared Wireless 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
- Superior scalability, supporting audio input (Ø 3.5 mm AUDIO IN) from devices such as MP3 and mobile phone
- Supports audio input from external microphones
- Volume adjustment of the (fixed/external) microphone
- Remote control of PPT slides
- Supports laser pointer
- Supports PTT (push to talk)
- Transmitter powers off automatically when no voice is detected for a preset period of time
- Microphone channel adjustable
- Ergonomically compact and elegant design, can be held in hand or hung around the neck via a nice strap or fit on the necktie
- Emission angle: vertical: 0°~ 90°, horizontal: 120°
- Emission range: linear transmitting distance: over 25 m
- Built-in rechargeable lithium battery, operation duration when microphone is continuously on about 7 hours
- Charge via USB port (compatible with mobile phone charger) or via charging station

Controls and Indicators

- Microphone on/off button
- Microphone volume up/down button
- Microphone on (MIC) indicator
- PPT mode indicator
- Charging indicator
- “...” button: select MIC/PPT mode
- Laser pointer button and transmitter

Interconnections

- Ø 3.5 mm jack for auxiliary audio input
- Two charging contacts
- USB port for charging

Technical Specifications

Electrical

IR transmission wavelength.....	870 nm
Modulation method.....	DQPSK
Power.....	DC 5 V, 2 A
Carrier frequency.....	Audio channel 1: 1.00 MHz
	Audio channel 2: 1.67 MHz
	Audio channel 3: 2.33 MHz
	Audio channel 4: 3.00 MHz
	Audio channel 5: 3.67 MHz
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

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

Dimensions (h x w x d).....	145 x 41 x 22 mm
Color.....	White (PANTONE 420 C)
Weight.....	80 g

Ordering Information

TES-5604N_W.....	Digital Infrared Wireless Microphone (white, built-in rechargeable lithium battery, with laser pointer, excl. adapter, used with TES-5600NS_W neck lanyard or TES-5600CLP clip)
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