

TES-5602A

Digital Infrared Wireless Microphone (handheld type)



Functions

- World pioneering digital infrared wireless lecturing system
- Based on TAIDEN originated dirATC-digital infrared Audio Transmitting and Control technologies
- Excellent immunity to RF interferences from HF-driven lighting and it works in sunlight
- Digital infrared audio processing and transmitting technologies enable excellent audio quality
- Superior extension capability supports external audio input (Ø 3.5 mm AUDIO IN) and flexible transfer of signal with other audio devices (Mp3, mobile phone, etc.)
- Microphone channel and sensitivity adjustable
- Mute facility prevents constrained voice being transmitted
- Simple and comfortable handling
- Emission angle: vertical: 0°~ 90°, horizontal: 360°
- With rechargeable Li-ion battery, operation duration when microphone is continuously on about 6 hours
- LED battery capability indicator, could be charged via USB port or change battery
- Gravity Sensing
 - ◆ Detect the spatial location of the handheld microphone, enabling intellectual control of infrared emission angle, this ensures efficient coverage of infrared signal and can prolong the battery runtime
 - ◆ when the handheld microphone is detected being placed horizontally (no Audio In input) for a preset period of time, it will shut down automatically

Controls and Indicators

- Charging indicator
- Power On/Off switch with indicator
- Mute button with indicator

Interconnections

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

Technical Specifications

Electrical

Power adapter.....DC 5 V, 2 A
 (compatible with mobile phone charger)
 Frequency response.....50 Hz to 20 kHz
 SNR.....> 85 dBA
 THD.....< 0.06%

Interface data

Connector.....Ø 3.5 mm jack for auxiliary audio input

Operation time of battery

When mic. is continuously on.....Approx. 6 hours

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.....225 x Ø 40 mm
 Weight
 Excl. battery.....146 g
 Incl. battery.....182 g
 Color.....Charcoal gray (PANTONE Cool Gray 11C)

Ordering Information

TES-5602A_G.....Digital Infrared Wireless Microphone
 (handheld type, charcoal gray, with rechargeable battery, excl. adapter)