

Digital Wireless Communication System

Tour Guide / Language Interpretation / Education Systems

Addressing groups of people discreetly and without sound reinforcement is difficult especially when conducting tours of factories, places of interest and conferences. High ambient noise levels and speaking outdoors present special problems making it essential to use an effective communication system.

WT-640 Series Digital Wireless Tour Guide System offers clear, reliable communication without acoustic interference. When people are visiting museum, art museum, gallery, technology center or outdoor scenery, **WT-640 Series** allows the guide's voice to be clearly heard by each person on the tour equipped with a personal receiver.

With **Meicheng digital wireless Tour Guide System**, tour guides wear the compact, body-pack transmitter and collar-clamps high-quality microphone. Listeners use portable receivers and ear-hook earphone to hear every word clearly and easily, even in the back of the group. The portable, wireless listening system is easy to set up and use. No installation is required.

Meicheng digital wireless tour guide system can be used anywhere and is most reliable!

◆ Ideal Applications

- ▶ Guided tours in museums, exhibition, galleries, trade shows, temple and church etc.
- ▶ Presentations of services and products.
- ▶ Visiting in factories with high noise levels, language teaching and applying in hearing impairment.
- ▶ Physical education training or education training.
- ▶ Wireless simultaneous translation systems.
- ▶ Multilingual conferences presentations and meetings.
- ▶ ENG (Electronic News Gathering Camera) Wireless Microphone System.
- ▶ **WT-640 Series** provides crystal-clear audio quality, secured and reliable transmission, and insensitive to interference.



▲ WT-640T



▲ WT-640R



▲ HDC36



▲ HDC2

WT-640T Portable Transmitter :

- ▶ Built in Omni-directional condenser Microphone.
- ▶ 3.5mm MIC. Input Jack and 3.5mm Line Input Jack.
- ▶ Belt clip for carrying easily; also attached the neck strap.
- ▶ There is a charging contact for easy filling machine, without bothering you to take out the battery.

HDC2 Charging Slot (2 Slot) :

- ▶ Charging number : 2 pieces (Receiver or Transmitter)
- ▶ Charging Time : 6 hrs (NI-MH AA 1.2V 2000mAh)
- ▶ Safe security features: It will be off automatically when full power.
- ▶ Power Supply : DC12 V 600mAh
- ▶ Dimension : 85(W)X75(L)X41(H) mm

WT-640R Portable Receiver :

- ▶ Built-in super thin speaker.
- ▶ 3.5mm Ear Output Jack for using the external headset.
- ▶ Belt clip for carrying easily; also attaching the neck strap.
- ▶ There is a charging contact for easy filling machine, without bothering you to take out the battery.

HDC36 Charger Slot (36 Slot) :

- ▶ Charging number : 36 pieces (Receiver or Transmitter)
- ▶ Charging Time : 6 hrs. (NI-MH AA 1.2V 2000mAh)
- ▶ Safe security features: It will be off automatically when full power.
- ▶ Charging suitcase can be portable, attached pull pole and roller wheel to movement conveniently.
- ▶ Input : AC 100~240V 1.2Ah Output : DC 15V 6A
- ▶ Dimension : 630(W)X400(D)X290(H) mm

◆ Application



WT-640T



WT-640R

WT-640R

WT-640R



WT-640T



WT-640R

WT-640R

WT-640R



WT-640T



WT-640R

WT-640R

WT-640R

◆ Function

- WT-640 series is a wide band tour guide system with 36 MHz bandwidth. 【According to the new law or legal rule in every different country.】
- Preset 6 groups and each group has eighteen available channels. 【According to the new law or legal rule in every different country.】
- Maximum operation: about distance 120 meters with antenna version and at 50mW RF output. (This value is from test in open or no buildings areas.)
- Transmission power selectable. 【10mW/50mW】
- Built in limit switch of audio output. 【Enable to turn on or turn off the function.】
- Transmitter with Line In plug for input audio.
- Built in speaker at Receiver and microphone at Transmitter.
- Adjustable Power Auto Off at Receiver to save battery power. 【Optional function- on/off】
- Low battery alarm
- RF Strength gauge
- Panel lock
- Mute Function (Transmitter)

◆ Specification

Model	WT-640T
Built-in mic.	Omni-directional condenser Microphone
Frequency Preparation	PLL Synthesized Control
Carrier Frequency	502~960 MHz
RF Output	10mW · 50mW (selectable)
Stability	±10kHz
Frequency Shift	±48kHz
Control Mode	Power(on/off),Channel choice, Volume control, adjustable transmit power and group selection
Spurious Radiation	<-50 dBC
Frequency Response	40~18,000 Hz
MIC. Input type	3.5mm mono connector
Audio Input Type	3.5mm mono connector
Battery Life	12 hours (Average)
Battery Type	Recharge AA battery(1.2V, 2000mAh)
Dimension (mm)	62(W)X22(L)X112(H)

Model	WT-640R
Frequency Preparation	PLL Synthesized Control
Carrier Frequency	502~960 MHz
Control Mode	Power On/Off, Channel Selection, Volume Control, Group Selection, Limiter, Auto Off, Key Lock, Low Battery Warning,
Frequency Response	40~18,000 Hz
Output plug type	3.5mm Dummy Stereo connector
Battery Life	12 hours (Average)
Battery Type	Recharge AA battery (1.2V, 2000mAh)
Dimension(mm)	62(W)X22(L)X112(H)



◆ Optional Accessory



Clip microphone



Ear-hook microphone



Hose microphone



Single-sided headphone



Recharge battery

Meicheng®

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