



System Discriptions:

This wireless tour guide system applies the stable and reliable wireless technology to analyze the difference available fr-
 equencies and picks the most suitable one with least disturbance for transition of audio signal. It digitizes the audio signal
 to process and modulation before transmit. Receiver will scan the signal via identification verifying, read the transmitter
 frequency, process and signal and convert to the analog original sound. It is a economic yet power full system suitable for
 various of applications.

GD-100T VHF transmitter



- ▶ Stylish design
- ▶ Digital, DSP technology, and with radio function
- ▶ Totally 44 sets can be used in the same place

GD-101R VHF Receiver



- ▶ Stylish design and small in size
- ▶ RFID software, radio frequency identification to prevent interface
- ▶ Unlimited pcs using at the same place
- ▶ Standard grey, optional in Red and Blue color

GD-100TU UHF transmitter



- ▶ Stylish design
- ▶ Digital, DSP technology, and with radio function
- ▶ Totally 80 sets can be used in the same place

GD-101RU UHF Receiver



- ▶ Stylish design and small in size
- ▶ RFID software, radio frequency identification to prevent interface
- ▶ Unlimited pcs using at the same place
- ▶ Standard Yellow, optional in Red and Blue color



GD-102C
Charging box for 30 units
of wireless IR receiver



GD-103M(Standar)
Head worn Microphone
for transmitter



GD-104M(Standar)
Clip Type Microphone
for transmitter



GD-Ear(Standar)
Single earphone
for receiver



GD-EarPro(Optional)
Conduction earphone
for receiver



System Specifications:

VHF RECEIVER GD-101R

| | |
|------------------------|-----------------------------|
| Frequency Ranges | VHF216-230MHz |
| Frequency Channels | 44 |
| Adjustable ID | 99 |
| Stabalized Tye | PLL |
| Frequency Deviation | ±75K |
| S/N Ratio | 55db A weighted |
| Receiving Sensitivity | 2 μV |
| Frequency Response | 100-15Khz |
| Display | LED 17*5 |
| Operation range | 30 to 80 meters |
| Power Supply | NiMH AA 1.2V*2 |
| Battery Operation time | 10 hours |
| Antenna | Headphone cable |
| Headphone output | 5 mV |
| T.H.D | <0.5% |
| Size and Weight | 105*53*22mm/55g without Bat |
| Temperature Range | -10 ~ 50 degree |

VHF TRANSMITTER GD-100T

| | |
|--------------------------|------------------------------|
| Frequency Range | VHF216-230MHz |
| Channels | 44 |
| Adjustable ID | 99 |
| Stabalized Type | PLL |
| Working Type | F3E |
| Frequency Deviation | ±75 |
| Transmitting Rated Power | Less than or equals to 10mV |
| Subharmonic | Main wave less than 40 dB |
| Capsule Type | Condenser |
| Directivity | Ultra Cardioid |
| Input Pressure | Less than or equals to 130dB |
| Frequency Response | 100Hz to 15Khz |
| Display | OLED 17*5 |
| Operation range | 30 to 80 meters |
| Power Supply | NiMH AA 1.2V*2 |
| Battery Operation time | 10-15 hours |
| Antenna | Ground electrode |
| Headphone output | 5 mV |
| T.H.D | <0.5% |
| Size and Weight | 85*65*40mm/155g without Bat |
| Temperature Range | -10 ~ 50 degree |

UHF RECEIVER GD-101RU

| | |
|------------------------|-------------------------|
| Frequency Ranges | UHF740-820MHz |
| Frequency Channels | 80 |
| Adjustable ID | 80 |
| Stabalized Tye | PLL |
| Frequency Deviation | ±75K |
| S/N Ratio | 60db A weighted |
| Receiving Sensitivity | -100dB μ |
| Frequency Response | 100-15Khz |
| Display | OLED |
| Operation range | 30 to 80 meters |
| Power Supply | Li-Po 3.7V 800mA |
| Battery Operation time | 10 hours |
| Antenna | Microstrip |
| Headphone output | 5 mV |
| T.H.D | <0.5% |
| Size and Weight | 72*43*21mm/40g with Bat |
| Temperature Range | -10 ~ 60 degree |

UHF TRANSMITTER GD-100TU

| | |
|--------------------------|------------------------------|
| Frequency Range | UHF740-820MHz |
| Channels | 80 |
| Adjustable ID | 80 |
| Stabalized Type | PLL |
| Working Type | F3E |
| Frequency Deviation | ±75 |
| Transmitting Rated Power | Less than or equals to 10mV |
| Subharmonic | Main wave less than 45 dB |
| Capsule Type | Condenser |
| Directivity | Ultra Cardioid |
| Input Pressure | Less than or equals to 130dB |
| Frequency Response | 100Hz to 15Khz |
| Display | OLED 17*5 |
| Operation range | 30 to 80 meters |
| Power Supply | NiMH AA 1.2V*2 |
| Battery Operation time | 10-15 hours |
| Antenna | Whip Microstrip |
| Headphone output | 5 mV |
| T.H.D | <0.5% |
| Size and Weight | 85*65*40mm/155g without Bat |
| Temperature Range | -10 ~ 50 degree |

GD-101R VHF Receiver



GD-101RU UHF Receiver

