



WIRELESS TOUR GUIDE

WIRELESS TOUR GUIDE

The TG-series Tour Guide System provides listening assistance to not only tourists but also to all people who needs to choose a source or a language from the many.



Languages go Easy

TG-64 System



Model	TG-64R / TG-64RA
Internal Microphone.....	—
Frequency Preparation.....	PLL Synthesized Control
Carrier Frequency Range.....	502~960 MHz
RF Outputs.....	—
Stability.....	—
Frequency Deviation.....	—
Controls.....	Channel Power On/Off, Channel selection Volume control, Group selection, Limiter
Spurious Emissions.....	—
Audio Frequency Response...	40~18,000 Hz
Output connector.....	1/8" Dummy stereo Phone Jack
Microphone input connector...	—
Battery life.....	10 hours typical
Battery.....	Rechargeable NIMH AA (1.2V, 2000mAh)
Dimension(mm).....	62mm(W)* 20mm(D)* 97mm(H)



Model	TG-64T / TG-64TA
Omni-directional Condenser Microphone	—
PLL Synthesized Control	—
502~960 MHz	—
10mW	—
±10kHz	—
±48kHz	—
Power On/Off, Channel selection, Volume control, Group selection, Boost	—
<-50 dBC	—
40~18,000 Hz	—
1/8" Mono Phone Jack	—
10 hours typical	—
Rechargeable NIMH AA (1.2V, 2000mAh)	—
62mm(W)* 20mm(D)* 97mm(H)	—



TG-64Charger



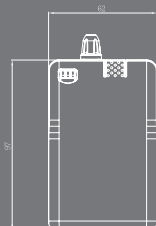
TG-iL
Induction Loop

TG-64R(RA)/TG64T(TA)

Wireless Tour Guide Receiver / Transmitter

TG-64 is designed on the base of the TG-10 successful experience plus JTS very recent innovative ideas.

- * UHF PLL 64 channels in 4 groups
- * Maximum operational distance (in line of sight)
TG-64 : 100m
TG-64A : 200m
- * Use rechargeable AA battery
- * Built in transmission power selector
- * Built in audio output limiter
- * Line in at TX and Line Out at RX ready for video camera
- * Transmitter bundled with tie clip microphone CM-201
- * Receiver bundled with single earphone WM-10TG
- * Built in speaker at TG-64R
- * Built in microphone at TG-64T
- * Compatible with stationary transmitter
TG-10GSTX and receiver TG-10GSR



TG-64Charger

Number of charging slot	TG-64CH36 : 36 (receiver or transmitter) TG-64CH18 : 18 (receiver or transmitter) TG-64CH2 : 2 (receiver or transmitter)
Power requirement	TG-64CH36 : Input : AC 100~240 V, 2.8A max Output : DC 12V, 16A TG-64CH18 : Input : AC 100~240 V, 1.6A max Output : DC 12V, 7A TG-64CH2 : 12~18VDC, 600mA
LED Indicator	Power Connected: Flash Green Charging: Green Full Charged: Turn off
Dimensions(mm)	TG-64CH36 : 561mm(W)* 399.77mm(D)* 230mm(H) TG-64CH18 : 361.4mm(W)* 422mm(D)* 189mm(H) TG-64CH2 : 85mm(W)* 75mm(D)* 41mm(H)

TG-iL

Induction Loop

The TG-iL induction loop is designed for hearing aids. Simply plug the TG-iL into JTS TG-10R/TG-64R, tour guide receiver, MP-3 or mobile phone, the audio signal will be transferred into a magnetic field. A hearing aids with Telecoils (T-coils) will transfer the magnetic field back to audio signal.

TG-16 System



Model	TG-16R / TG-16RA
Internal Microphone.....	—
Frequency Preparation.....	PLL Synthesized Control
Carrier Frequency Range.....	502~960 MHz
RF Outputs.....	—
Stability.....	—
Frequency Deviation.....	—
Controls.....	Channel Power On/Off, Channel selection Volume control
Spurious Emissions.....	—
Audio Frequency Response...	40~18,000 Hz
Output connector.....	1/8" Dummy stereo Phone Jack
Microphone input connector...	—
Battery life.....	10 hours typical
Battery.....	Rechargeable NIMH AA (1.2V, 2000mAh)
Dimension(mm).....	62mm(W)* 20mm(D)* 97mm(H)



Model	TG-16T / TG-16TA
Internal Microphone.....	Omni-directional Condenser Microphone
Frequency Preparation.....	PLL Synthesized Control
Carrier Frequency Range.....	502~960 MHz
RF Outputs.....	10mW
Stability.....	±10kHz
Frequency Deviation.....	±48kHz
Controls.....	Power On/Off, Channel selection, Volume control
Spurious Emissions.....	<-50 dBC
Audio Frequency Response...	40~18,000 Hz
Output connector.....	—
Microphone input connector...	1/8" Mono Phone Jack
Battery life.....	10 hours typical
Battery.....	Rechargeable NIMH AA (1.2V, 2000mAh)
Dimension(mm).....	62mm(W)* 20mm(D)* 97mm(H)



W-68T



TG-iL P.62
Induction Loop

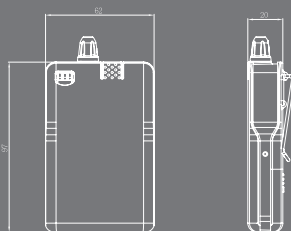
Model	W-68T
Directional Characteristic.....	Omni-direction
Frequency Response.....	50~15,000
Sensitivity.....	-65 ± 3dB
Impedance.....	Low Impedance
Cord.....	Ø2 x 4.9 Ft With Ø3.5 Plug
Weight.....	About 25g
Dimension(mm).....	Ø14 x 31mm

TG-16R(RA)/TG-16T(TA)



Wireless Tour Guide Receiver / Transmitter

- * Maximum operational distance (in line of sight)
100 meters for TG-16 and 200 meters for TG-16A.
- * Preset 16 selectable channels.
- * Use NiMH rechargeable AA battery
- * Transmitter bundled with tie clip microphone W-68T.
- * Receiver bundled with single earphone WM-10TG.
- * Built in microphone at TG-16T and TG-16TA.
- * Space available for built in speaker at TG-16R and TG-16RA.
- * Compatible with stationary transmitter TG-10GSTX and receiver .
- * Designed for cost cautious projects



W-68T



Condenser Microphone

TG-10 System



e-8TH



Mh-16TG

Model	TG-10R
Frequency Preparation.....	PLL Synthesized Control
Carrier Frequency Range.....	502~960 MHz
LED Display.....	Channel
Controls.....	Power On/Off, Channel selection, Volume control
Audio Frequency Response...	40~18,000 Hz
Output connector.....	1/8" Dummy stereo Phone Jack
Battery life.....	14 hours typical
Battery.....	Lithium cell (3.7V, 1300mAh)
Dimension(mm).....	54mm(W)* 17mm(D)* 99mm(H)

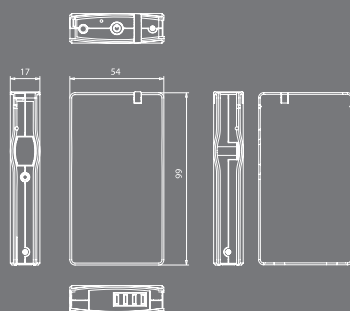
Model	TG-10T
Internal Microphone.....	Omni-directional Condenser Microphone
Frequency Preparation.....	PLL Synthesized Control
Carrier Frequency Range.....	502~960 MHz
RF Outputs.....	10mW
Stability.....	±10kHz
Frequency Deviation.....	±48kHz
LED Display.....	Channel
Controls.....	Power On/Off, Channel selection, Volume control
Spurious Emissions.....	<-50 dBC
Audio Frequency Response...	40~18,000 Hz
Microphone input connector...	1/8" Mono Phone Jack
Battery life.....	14 hours typical
Battery.....	Lithium cell (3.7V, 1300mAh)
Dimension(mm).....	54mm(W)* 17mm(D)* 99mm(H)

TG-10R/10T



Wireless Tour Guide Receiver / Transmitter

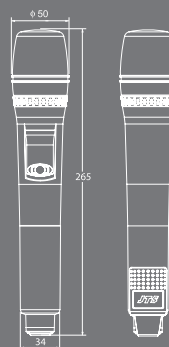
- * Handy and fashion outward.
- * Preset 16 selectable UHF channels.
- * Using Lithium cell to provide long operation time.
- * Transmitter with built-in condenser capsule.
- * LED display on both transmitters and receivers.
- * Belt-pack and neck-set wearing.
- * Earphone WM-10TG for TG-10R; earhook microphone CM-801S for TG-10T.
- * 60m operation distance.
- * Compatible with stationary transmitter TG-10STX and receiver TG-10SRX.



e-8TH



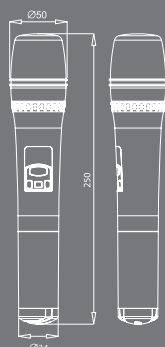
UHF PLL Handheld Transmitter



Mh-16TG



UHF PLL Handheld Transmitter





HP-10 P.117 **Option**
Ultra Light Weight Monitor
Headphone



WM-10TG P.119
Single High Definition Earphone



CM-801S P.44
Single Ear-hook Omni-directional
Microphone



TG-iL P.62
Induction Loop



TG-10 Tour Guide System let your trip focus on the tour. The guide could speak at normal level without missing any conversation. Tourists will hear clear explanation with pleasant mood.

Ergonomic design for long-time wearing without fatigue



Model	TG-10SRX / TG-10GSRX
Frequency Preparation.....	PLL Synthesized Control
Carrier Frequency Range.....	502~960 MHz
S/N Ratio.....	> 105dB
T.H.D	<0.6%@1KHz
Display.....	LED
Display Contents.....	AF Level, Channel
Controls.....	Power On/Off, Channel, Audio Level
Audio Output Level.....	-12dB
AF Output Impedance.....	600Ω
Squelch.....	Pilot Tone & Noise Mute
Operation Voltage.....	12-18 VDC, 350 mA
Output Connector.....	1 XLR Balanced Socket 1 Ø6.3mm unbalanced phone jack
Dimension(m/m).....	212mm (W)* 40mm (H)* 125mm (D)
Channel.....	16 selectable channels / 64 selectable channels



Model	TG-10STX / TG-10GSTX
Carrier Frequency Range.....	502~960MHz
RF Output Power.....	Hi / Low
Nominal Frequency Deviation(modulation)	±40KHz
Audio Input Impedance.....	20KΩ
Nominal Input Level.....	-20 dBV
Maximal Input Level.....	0 dBV
LED Display.....	AF Level, Channel
Audio Input Connector.....	2 x Balanced XLR / Ø6.3mm Combo input Ø6.3mm monitor input
Output Monitor Connecto.....	1 x Ø3.5mm phone Socket
Loop Out Connector.....	2 x Ø6.3mm Balanced Loop Out Socket
Operation Voltage.....	12-18 VDC, 450 mA
Dimension(m/m).....	212mm (W)* 44mm (H)* 239mm (D)
Channel.....	16 selectable channels / 64 selectable channels

TG-10SRX / TG-10GSRX



UHF PLL True Diversity Receiver

* The TG-10SRX, true diversity receiver is compatible with TG-10T. It can receive the signal from TG-10T and deliver it for PA, recording and other processes.

* TG-10GSRX is a derivative version with 64 selectable channels.



TG-10STX / TG-10GSTX



UHF PLL Transmitter

* This stationary transmitter TG-10STX provides an option for fixed installation to the TG-10R. It can expand coverage of the wireless system by using antenna booster, directional antenna and antenna combiner.

* TG-10GSTX is a derivative version with 64 selectable channels.





TG-10CH36/TG-64CH36/TG-16CH36



TG-10CH18/TG-64CH18/TG-16CH18



TG-10CH2/TG-64CH2

TG-10CH36 / TG-10CH18 / TG-10CH2



TG-16CH36 / TG-16CH18 / TG-16CH2



TG-64CH36 / TG-64CH18 / TG-64CH2



36-Slot Charger / 18-Slot Charger / 2-Slot Charger

Number of charging slot	TG-10CH36 : 36 (receiver or transmitter) TG-10CH18 : 18 (receiver or transmitter) TG-10CH2 : 2 (receiver or transmitter)
Power requirement	TG-10CH36 : Input : AC 100~240 V, 1.2A max Output : DC 15V, 6A TG-10CH18 : Input : AC 100~240 V, 1.2A max Output : DC 15V, 3A TG-10CH2 : 12~18VDC, 500mA
LED Indicator	Power Connected: Flash Green Charging: Green Full Charged: Turn off
Dimensions(mm)	TG-10CH36 : 561mm(W)* 399.77mm(D)* 230mm(H) TG-10CH18 : 361.4mm(W)* 422mm(D)* 189mm(H) TG-10CH2 : 85mm(W)* 75mm(D)* 41mm(H)