Wireless Tour Guide System

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.





- * TG-98 is a wide band tour guide system with 36 MHz bandwidth.
- * Preset 6 groups each of up to 23 channels.
- * Maximum operation distance 200 meters with antenna version and at 20mW RF output.
- * Transmission power selectable
- * Built in limit switch of audio output
- * Line In at TX and Line Out at RX, ready for video camera.
- * Built in speaker at RX and microphone at TX.
- * Adjustable Power Auto Off at RX to save battery power

 * Low battery alarm
- * RF Strength gauge * Panel lock
- * Mute Function (TX)

Model	TG-98R / TG-98RA
Frequency Preparation	PLL Synthesized Control
Carrier Frequency Range	502 ~ 960 MHz
Controls	Channel Power On / Off, Channel selection Volume control, Group selection, Limiter
Audio Frequency Response	40 ~ 18,000 Hz
Output connector	1/8 "Dummy stereo Phone Jack
Battery life	10 hours typical
Battery	Rechargeable NIMH AA (1.2V, 2000mAh)
Dimension (mm)	62mm (W) * 20mm (D) * 98mm (H)

Model	TG-98T / TG-98TA
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, Group selection, Boost
Spurious Emissions	<-50 dBC
Audio Frequency Response	40~18,000 Hz
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)





Wireless Tour Guide System





TG-iL

Induction Loop

The TG-iL induction loop is designed for hearing aids. Simply plug the TG-iL into JTS TG-10R/TG-16R/TG-98R, 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-98R(RA)/TG-98T(TA)/TG-iL 53







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-10STX and receiver.
- * Designed for cost cautious projects

Model	TG-16R / TG-16RA
Frequency Preparation	PLL Synthesized Control
Carrier Frequency Range	502 ~ 960 MHz
Controls	Channel Power On / Off, Channel selection Volume control
Audio Frequency Response	40 ~ 18,000 Hz
Output connector	1/8 "Dummy stereo Phone Jack
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
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



Directional Characteristic	Omni-direction
Frequency Response	50 to 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-10R/TG-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.

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)

e-8TH F€ (€

UHF PLL Handheld Transmitter

Mh-16TG F© (€ 🖼 **UHF PLL Handheld Transmitter**

















WM-10TG P105







TG-iL P53



TG-16R(RA)/TG-16T(TA)/W-68T TG-10R/TG-10T/e-8TH/Mh-16TG 55









- * This stationary transmitter TG-98STX provides an option for fixed installation to the TG-98R. It can expand coverage of the wireless system by using antenna booster, directional antenna and antenna combiner.
- * TG-98STX preset 6 groups each of up to 23 channels.

Model	TG-98STX
Carrier Frequency Range	502 ~ 960MHz
RF Output Power	Hi / Low
Nominal Frequency Deviation (modulation)	± 40KHz
Audio Input Impedance	20ΚΩ
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 Ture 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
- * TG-10GSRX is a derivative version with 64 selectable channels.

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

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.

Model	TG-10STX / TG-10GSTX
Carrier Frequency Range	502 ~ 960MHz
RF Output Power	Hi / Low
Nominal Frequency Deviation (modulation)	± 40KHz
Audio Input Impedance	20ΚΩ
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-10CH36 / TG-10CH18 / TG-10CH2 @ @



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)

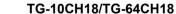


TG-64CH36 / TG-64CH18 / TG-64CH2 @ @



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

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-10CH2/TG-64CH2