

TG-101 Digital UHF Two Way Tour Guide System

eTour 2-way tour guide system TG-101 from Linkx, a full duplex instant two-way communication device. This upgraded and practical tour guide system features absolutely flexible and reliable transmission. When transmitter activates the two-way communication function, it allows receivers to have conversation within the group. It is an essential solution for tour guide as well as group guide application.

TG-101 displays channel number, volume level, battery meter and other useful operational parameters on the LCD screen. The easy to use tour guide system is also very compact and light in weight which makes it comfortable to wear for user in the field. It supports more than 15 hours continuous operation using the built-in lithium polymer battery.



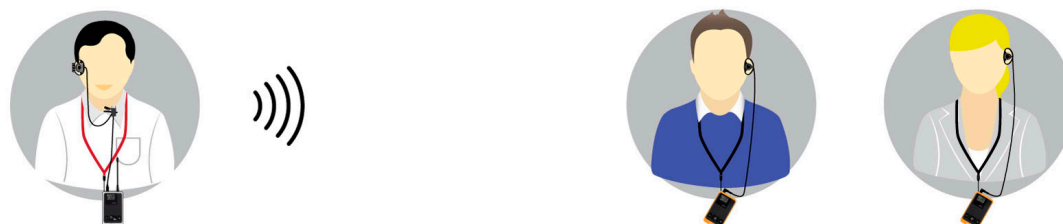
The internal charging circuit along with universal Micro-USB socket offers convenient charger solution when it needs charge. It typically takes 6.5 hrs to reach full charge from empty battery.

Features

- ▶ Crystal clear audio and instant two-way communications with negligible latency
- ▶ Full duplex interactive communication which allows simultaneous transmission and reception
- ▶ Increase participation – Receiver can make speech and feedback to the others
- ▶ Transmitter accepts external multimedia and wireless transmits to the receivers
- ▶ Extremely compact and light weight – 34g
- ▶ 15hr+ of long continuous operation time
- ▶ Eco + Energy saving – Receiver will power off automatically if no signal is received for 20 mins
- ▶ Synchronization – Receiver will follow if transmitter changes channel



Scenario 1: One transmitter (main presenter) and multiple receivers (audience)



Scenario 2: One transmitter (main presenter), one receiver (secondary presenter), and other receivers (audience)



Scenario 3: One transmitter (main presenter), receivers take turns making the speech



Queue-Group of people awaiting their turn to speak.

TG-101T

Two-Way communication switch, 3.5mm headset input, power on/off/mute, volume and channel up down adjustment, and micro-USB charging socket



eTour digital UHF wireless tour guide system

Technical specification

	Overall System	
Frequency	748-937.5 MHz	
Modulation	GFSK	
Audio sampling	8KHz 16bit	
Frequency response	20Hz-3KHz	
Dynamic range	> 70dB	
Signal to noise	> 66dB	
THD at 1KHz	< 3%	
Service coverage	Indoor: 50m	Outdoor: 90m
Operating temperature	-10°C ~ 50°C	
	TG-101T Transmitter	TG-101R Receiver
RF output power	10mW	
Sensitivity	-110dBm	
3.5mm phone jack	Headset in	Earphone output
Microphone source	External	Built-in
Front + & - buttons	Channel selector & Volume up/down	
Power button	Power on/off and Mute	Power on/off
Battery	Li-Polymer (600mAh / 3.7V)	
Battery life(approx.)	12 hr	15 hr
Charging source	DC 5V Micro USB	
Charge time	approx. 6.5 hours	
LCD display	Channel, Battery indicator, Lock, Volume	
Regulatory compliance	CE	
Antenna	Whip	Headphone
Dimension	40(W) × 12(D) × 69(H)mm Antenna length not included	
Weight	34 g	32 g
Lanyard color	Red	Black
Color	White	Blue / Green / Amber / Black

TG-101R

Talk button, 3.5mm earphone output, power on/off, volume and channel up down adjustment, and micro-USB charging socket



Frequency selection & No. of selectable channels

Channel Grid 125 KHz	
Frequency(MHz)	Channel
794-806	96
806-810	30
812-824	96
823-832	72
863-865	16
863-870	56
902-928	99
925-937.5	99
other frequencies available on request	

Sync Kit SK-100 is used to unify and synchronize the channel of the eTour systems through the chargers



Charger option

TC-02
Dual-slot charger



TC-12
12-slot charger



TC-35/TC-35K
35-slot charger



TC-60SA
60-slot charger drawer



TC-70
70-slot charger trolley



Accessories



LMR-12
Headset



EP-11
Single-sided
earphone



HMR-12
Headset



HMR-13
Headset



EP-01
Single-sided
earphone



EP-02
Earphone



EP-03
Headphone



Li-600
Rechargeable
Li-Polymer battery



LY-01R - Red
LY-01B - Black
Lanyard



USB - microUSB
cable



USB Adaptor



Adaptor Plug
converter

Linkx

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