

## TG-100+ Digital UHF Two Way Tour Guide System

*eTour* 2-way tour guide system TG-100+ 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-100+ 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 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-100+T

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



### TG-100+R

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



### *eTour* digital UHF wireless tour guide system

#### Technical specification

	Overall System	
Frequency	753-937.5 MHz	
Modulation	GFSK	
Audio sampling	8KHz 16-bit	
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-100+T Transmitter	TG-100+R Receiver
RF output power	10mW	
Sensitivity	-110dBm	
3.5mm phone jack	Headset in	Earphone output
Microphone source	External	Built-in
+ & - buttons	Channel selector & Volume up/down	
Power button	Power on/off and Mute	Power on/off
Battery	Li-Polymer (600mAh / 3.7V)	
Battery life	12 hr	15 hr
Charging source	DC 5V Micro USB	
Charge time	< 6 hours	
LCD display	Channel, Battery indicator, Lock, Volume	
Regulatory compliance	CE	
Antenna	Whip	Headphone
Dimension	69(H) × 40(W) × 12(D)mm Antenna length not included	69(H) × 40(W) × 12(D)mm
Weight	34 g	32 g
Lanyard color	Red	Black
Color	White	Blue / Green / Amber

#### Charger option

TC-02  
Dual-slot charger



TC-12  
12-slot charger



TC-35K  
35-slot charger



TC-60SA  
60-slot charger drawer



TC-70  
70-slot charger trolley



#### Accessories



LMR-12  
Headset



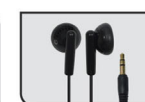
EP-01  
Single-sided  
earphone



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



Li-600  
Rechargeable  
Li-Polymer battery



EP-02  
Earphone



USB - micro USB  
cable



USB Adaptor



Adaptor Plug  
converter



NL-100  
Induction Neckloop

Frequency selection & No. of selectable channels	
Channel Grid 125 KHz	
794-806 MHz	96 channels
806-810 MHz	30 channels
812-824 MHz	96 channels
863-865 MHz	16 channels
863-870 MHz	56 channels
902-928 MHz	99 channels
925-937.5 MHz	99 channels
other frequencies available on request	

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

