



Walking  
Tours



Factories



Museum



Historic Sites



Traveling  
Exhibits



Command  
Training



Hearing  
Assistance

## Two Way

# TG-288D

## Digital UHF Tour Guide System



The revolutionary new design TG-288D brings a new look to the eTour family and carries on the success of the TG-201 series.

The TG-288D uses new Active Noise Cancellation (ANC) technology to reduce unwanted surround noise or annoying sounds such as from automotive engines, heavy equipment in operation, ventilation systems, noisy markets, etc. and benefits the listeners receive loud and clear messages.

The TG-288D has elegant appearance and comfortable grip, secure and stable transmission, crystal clear digital audio quality, larger size LCD, thoughtful built-in microphone, user-friendly interface and multiple battery options.

The external mic and aux inputs on transmitter and the separate earphone and aux outputs on receiver provide flexible group guide application.

System can choose rechargeable or disposable battery power options for numerous applications with run time of approximately 12-14hrs per charge. Charging is available via micro USB port and the optional 2/12/35-slot charging cases.

### Features

- ▶ Active Noise Cancellation (ANC) significantly reduces distracting background noise and provides receiver a comfortable listening environment for areas with high ambient noise.
- ▶ Individual mic input and aux input on transmitter. Connect external multimedia (Mp3/smartphone) to the aux input to wirelessly transmit content to the receivers
- ▶ The convenience of the built-in microphone eliminates the need to worry about the loss or sudden failure of the external microphone.
- ▶ Separate earphone output and aux level output on receiver. Connect the recorder to the aux output to capture the content
- ▶ Optimized digital sound quality and reliable transmission
- ▶ Auto synchronize receiver with transmitter channel
- ▶ Bright large size LCD displays channel number, mic/earphone volumes, battery meter and receiver signal strength
- ▶ Rechargeable AA battery option
- ▶ Energy saving- Receiver will power off when no input signal is detected for 20 minutes
- ▶ Selectable Lanyard and belt clip
- ⇒ TG-288D features Two-way duplex communication function allows receivers to have conversation within group

### Frequency selection & No. of selectable channels

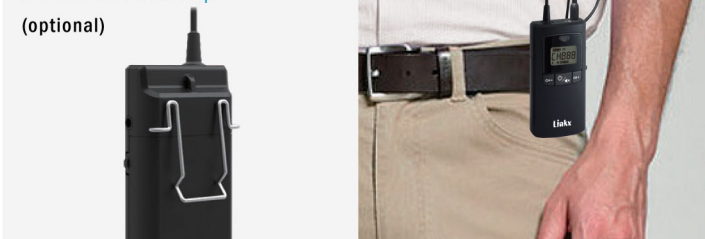
Channel Grid 100 KHz					
500-530	MHz	300 channels	823-832	MHz	90 channels
510-530	MHz	200 channels	863-865	MHz	20 channels
794-806	MHz	120 channels	863-870	MHz	70 channels
806-810	MHz	30 channels	902-928	MHz	49 channels
812-824	MHz	120 channels	925-937.5	MHz	125 channels
819.1-823.1	MHz	40 channels	944-952	MHz	80 channels

other frequencies available on request

### Replaceable & Rechargeable



### Detachable Belt Clip (optional)







## Charger option



**TC-02(A)**  
Dual-slot charger  
-No. of slot: 2  
-Power supply: DC 5V 1A  
-Dimension: 68(W) × 68(D) × 42(H)mm  
-Weight: 116 g



**TC-12(A)**  
12-slot charger  
-No. of slot: 12  
-Power supply: DC 5V 4A  
-Dimension: 332(W) × 104(D) × 130(H)mm  
-Weight: 1.11 kgs



**TC-35K(A)**  
35-slot charger  
-No. of slot: 35  
-Power supply: DC 5V 10A  
-Dimension: 440(W) × 140(D) × 270(H)mm  
-Weight: 3.17 kgs

## Accessories



**LMR-18**  
Headset



**HMR-18**  
Headphone



**EP-01**  
Single-sided earphone



**EP-11**  
Single-sided earphone



**EP-02**  
Earphone



**EP-03**  
Headphone



**RB-2600**  
"AA" Ni-MH  
Rechargeable battery



**LY-01R/LY-01B**  
Lanyard



**USBY-01**  
USB-micro USB cable



**MUA-01**  
USB Adaptor



**MUA-11**  
Universal USB Adaptor



**NL-100**  
Induction Neckloop

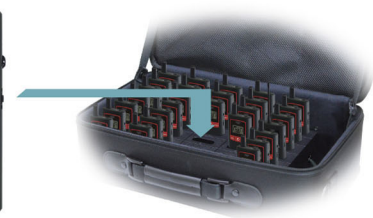


**BC-01**  
Belt clip

## Sync Kit

SK-288C is used to unify and synchronize the channel of the *eTour* systems through the chargers

SK-288C



## Specification

	Overall System	
Frequency	500-952 MHz	
Modulation	GFSK	
Audio sampling	8KHz 16bit	
Latency	35ms	
Frequency response	65Hz-3.8KHz	
Dynamic range	> 80 dB	
Signal to Noise	> 60 dB	
THD at 1KHz	< 5.2%	
Service coverage	Indoor: 100m Outdoor: >150m	
Operating temperature	-10 ~ 50°C	
	TG-288DT Transmitter	TG-288DR Receiver
RF output power	10 mW	
Receiver sensitivity	-88 dBm	
3.5mm phone jack	Mic in x 1 Aux in x 1	Earphone output x 1 (32Ω) Aux out x 1 (0Ω)
Microphone source	Built-in & External	
Input level	Mic: -35dBV Aux: -20dBV	—
Front + & - buttons	Channel selector	
Power button	Power on/off and Mute	Power on/off
Side Momentary 3way tact switch	+	Volume up
	Center push	2-way mode
	-	Volume down
Battery	Ni-MH type "AA" 1.2V x 1	
	Alkaline "AA" 1.5V x 1	
Battery life (approx.) w/ 2600mAh battery	12 hr	14 hr
	The data has been measured using 1x AA NiMH 2600mAh rechargeable battery.	
Charging source	DC 5V Micro USB	
Charging time	Depends on battery type and capacity	
Charging current	255±10 mA	
LCD display	Channel, Battery indicator, Volume, 2-way communication indicator, Signal Strength	
Antenna	Whip	Whip/Helical
Regulatory compliance	CE FCC	
Dimension	40(W) × 24(D) × 84(H)mm	
	Antenna length not included	
Weight	38.6 g (batteries not included)	
Color	Grey frame	Red frame