



## tourGuide **TG-48**

High-Quality  
tourGuide system

with excellent sound quality, long range  
and outstanding finish for VIP, factory  
and museum tours.

# tourGuide TG-48



Transmitter

Receiver

## Specification

- Frequency: 863-865 + 823-832 MHz
- Modulation: FM
- Audio sampling: 8KHz 16bit
- Latency: keine
- Frequency Response: 40 – 16,000Hz, ±3dB
- Dynamic range: > 80dB
- Signal-to-noise ratio: > 70dB
- THD at 1KHz: < 0.5%
- Range: Inside: 180m  
Outside: 200m
- Operating temperature: -20°C–70°C

	TG-48 Transmitter	TG-48 Receiver
RF Output power	10mW	-
Receiver Sensitivity	-	2uV (30dB SINAD)
In-/Outputs	Mic in x 1 Aux auf Anfrage	Earphone output x 1 (32Ω)
Microphone	Extern	-
Input level	Mic: -35,5dBV Aux: -25,1dBV	-
Front + & - buttons	Channel-Selection, Volume, Menu	
Battery	Li-Po 600mAh	
Operating hours	12 h	12 h
Charging port	4 Pin (Pogo)	4 Pin (Pogo)
Charging current	45mA, max	50mA max.
LCD display	128*64 dot matrix, OLED Double Color: Logo, channel, battery status, volume, overload etc	
Antenna	flexible	-
Dimensions (W/H/D)	42x69x14 mm (without antenna)	
Weight	50g	
Color	black	silver

Cn	Frequency	Sub-Frequency	Cn	Frequency	Sub-Frequency
1	823	050	25	829	050
2		300	26		300
3		550	27		550
4		800	28		800
5	824	050	29	830	050
6		300	30		300
7		550	31		550
8		800	32		800
9	825	050	33	831	050
10		300	34		300
11		550	35		550
12		800	36		800
13	826	050	37	832	050
14		300	38		300
15		550	39		550
16		800	40		800
17	827	050	41	863	050
18		300	42		300
19		550	43		550
20		800	44		800
21	828	050	45	864	050
22		300	46		300
23		550	47		550
24		800	48		800

Frequencies not subject to registration

823 - 832 MHz	approx. 40 channels simultaneously possible at 250Hz spacing
863 - 865 MHz	approx. 8 channels simultaneously possible at 250Hz spacing

## Charging and transportation

	Desktop charger	Case	Rack
No. charging slots	2	32	100
Power	DC 5V 3A	DC 5V 3A	AC 230V
Dimensions (W/H/D) in mm	85x95x90	500x150x350	590x140x376
Weight	100 g	6,3 kg	8,0 kg