



At a glance:

- ✓ Newly developed digital equipment drawing on years of experience
- ✓ 52 national channels, 18 additional channels for use within the EU
(transmission that is more interference-free and stable)
- ✓ Enhanced battery performance and lower power consumption
(approx. 30 h without recharging)
- ✓ Easy grouping with the SyncKit
- ✓ Central channel switching of radio frequencies to counter interference
- ✓ Always up to date with firmware updates

Good to know: As the lion's share of tour guide systems broadcasts on the crowded EU frequencies, having 52 national channels to choose from in Germany ensures a guided tour that's free from interference!

What applications is the TOM-Audio TG-200 suited for?

The TOM-Audio TG-200 eTour is the first choice when it comes to stable radio transmission, long battery life and long range. Especially in tourism, the possibility of using the devices for up to 10 days without recharging is appreciated. But it also has its uses in industry.

How do I use the TOM-Audio TG-200?

A BMS Audio tour guide system consists of at least one transmitter and several receivers. The tour guide uses the transmitter, and your guests or visitors use the receivers. Using headphones, guests can listen as the guide speaks into a microphone in the transmitter.

The TOM-Audio SyncKit SK-200 is used to assign all receivers the same channel simultaneously. Everything is transported, charged and synchronised with our clever charging and transport case.

Guide



Guest



Technical specifications

Audio sample rate	16 bit
Signal delay	22 ms
Dynamic range	>80 dB
Signal-to-noise ratio	>50 dB (A)
T.H.D.	<3%
Operating temperature	-10 °C to +50 °C

TOM-Audio TG-200T transmitter

Transmission power	max. 10 mW (in the EU frequency range) max. 90 mW (for national frequencies)
Range	up to 200 m at 90 mW transmission power
Audio line in	3.5 mm jack microphone
Max. input level microphone	-31 dBV/line in: 0 dBV
Power supply	li-polymer battery (3.7 V / 1300 mAh)
Operating time	approx. 30 hours
Charging time	approx. 6 hours
Antenna	helical antenna
Dimensions in mm without antenna (H/W/D)	82 x 40 x 12

TOM-Audio TG-200R receiver

Sensitivity	-88 dBm
Audio line out	3.5 mm jack
Power supply	li-polymer battery (3.7 V / 1300 mAh)
Operating time	approx. 40 hours
Charging time	approx. 6 hours
Antenna	integrated
Dimensions in mm without antenna (H/W/D)	82 x 40 x 12
Weight	approx. 48 g
Casing colour	bronze

SyncKit TOM-Audio SK-200

Power supply	li-polymer battery (3.7 V / 600 mAh)
Operating time	approx. 20 hours
Charging time	approx. 6 hours
Dimensions in mm without antenna (H/W/D)	40 x 12 x 69
Weight	approx. 32 g

TC-50K transport and charging bag

Dimensions in mm (H/W/D)	250 x 430 x 120
Weight (in use)	approx. 4 kg
Weight (empty)	approx. 3 kg
Charging slots	50
Primary voltage power supply	110 – 240 V
Transmitter charging time	approx. 6 hours



Warning:

- The device may only be opened by the manufacturer. Improper use can result in the Li-Po battery exploding!
- Old and/or defective devices must be disposed of separately from domestic waste!
- The internal batteries may only be charged using suitable charging systems (CS25/CS56) (limited SELV source, 5 V/700 mA per device).
- The devices may only be used in dry environments and must be protected against humidity!

