



At a glance:

- ✓ State-of-the-art digital equipment
- ✓ Easy grouping with the SyncKit
- ✓ Central channel switching of radio frequencies to counter interference
- ✓ Always up to date with firmware updates

What applications is the TOM-Audio TG-100 suited for?

The especially small and handy tour guide system is suited for use in churches and museums as well as in areas with a lot of background noise, such as production lines.

How do I use the TOM-Audio TG-100?

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 connected to the transmitter.

The TOM-Audio SyncKit SK-100 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	>70 dB
Signal-to-noise ratio	>65 dB (A)
T.H.D.	<3%

TOM-Audio TG-100T transmitter

Transmission power	max. 10 mW
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 / 600 mAh)
Operating time	approx. 15 hours
Charging time	approx. 6 hours
Range	approx. 70 m
Antenna	helical antenna
Dimensions in mm without antenna (H/W/D)	69 x 40 x 12
Weight	approx. 34 g
Casing colour	white

SyncKit TOM-Audio SK-100

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)	69 x 40 x 12
Weight	approx. 32 g
Casing colour	white

TOM-Audio TG-100R receiver

Sensitivity	-110 dBm
Audio line out	3.5 mm jack
Power supply	li-polymer battery (3.7 V / 600 mAh)
Operating time	approx. 20 hours
Charging time	approx. 6 hours
Antenna	integrated
Dimensions in mm without antenna (H/W/D)	69 x 40 x 12
Weight	approx. 32 g
Casing colour	blue
Antenna (H/W/D)	82 x 40 x 12
Weight	approx. 48 g
Casing colour	white

TOM-Audio TC-35 transport and charging bag

Dimensions in mm (H/W/D)	approx. 250 x 430 x 120
Weight (in use)	approx. 4 kg
Weight (empty)	approx. 3 kg
Charging slots	35
Power supply primary voltage	110 – 240 V
Transmitter charging time	approx. 6 hours
Receiver charging time	approx. 6 hours
Colour	black



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!

