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Thank you for purchasing this TOUR TALK product. Please read this quick guide and familiarise yourself with the equipment prior to operation. Should you require more information please refer to the downloadable handbook or contact us.

Important information

The system components correspond to all relevant directives of the EU and are therefore marked with **CE**

The components are suitable for indoor use so may require protection if used outdoors against water, high air humidity and heat (admissible ambient temperature: -10° – + 50°C).

For cleaning only use a dry, soft cloth; never use water or chemicals.

No guarantee claims for the units and no liability for any resulting personal damage or material damage will be accepted if the units are used for other purposes than originally intended, if they are not correctly connected or operated, or if they are not repaired in an expert way.

Conformity and approval

The transmitter TT 40-T is manufactured in accordance with the basic requirements and the other relevant regulations of the directive 1999 / 5 / EC. The declaration of conformity is available on request from TOUR TALK. The transmitter is generally approved for licence-free operation anywhere within Europe.

What is a tour guide system?

A tour guide system is a wireless audio system used to transmit a message from a presenter to listeners. The presenter simply speaks into a microphone transmitter and the listeners use receivers with earphones to hear the message.

Tour guide systems are ideal for guided tours, simultaneous interpretation, wireless command, hearing support, audio description and many more applications.

This tour guide system can be used indoors and outdoors (with a maximum range of 100m). Up to 12 transmitters (each set to a different channel) can be used simultaneously. There is no limit to the amount of receivers used.

Getting started

Both the TT 40-T transmitter and TT 40-R receiver operate on a single AA battery. To insert or replace the battery, remove the rear cover by sliding it down. When inserting a battery always make sure the polarity is correct. If the unit is not in use for long periods of time, then remove the battery to avoid leakage.

Alkaline or NiMh rechargeable batteries can be used. Optional chargers are available for the system.

Under no circumstances should non-rechargeable batteries be used with a charger!

Overview

The transmitter is the light grey unit and is used by the presenter. The transmitter has two inputs and an integrated microphone. The presenter can either speak directly into the integrated microphone (on the top of the transmitter), insert the supplied lapel microphone into the **Mic in** socket or insert the supplied Aux lead into the **Aux in** socket.

Integrated microphone

When speaking into the integrated microphone the transmitter must be held with the top in close proximity to the speaker's mouth. This microphone is only suitable for quiet environments.

Please note. If a microphone is connected to the Mic in socket then the integrated microphone is disabled.

Mic in

The supplied lapel microphone is plugged into the socket and then clipped to the clothing approx. 150mm below the chin.

A selection of microphones are available as options.

Aux in

The supplied Aux in lead is connected between this socket and a device with a 3.5mm headphone socket. e.g.mp3/CD player, laptop, etc. The volume level is controlled by the device.

The microphone can be muted at any time by pressing the latching **Mute button**. The Signal indicator will flash when the microphone is muted.

The receivers are black and are used by the listeners. The listener inserts the supplied earphone plug into the **Headphone socket**. The earphone can be used on either ear. A selection of accessories are available including headphones and inductive neckloop (to assist hearing aid wearers). A **volume wheel** is located on the side of the receiver.

Setup

Firstly, switch a receiver on by pressing the **power button** until ON is displayed on the screen. Press the **Up/Down buttons** to select a free channel. A free channel can be identified by the signal indicator not illuminating. If the signal indicator illuminates then the receiver is picking up either another transmitter or interference on the selected channel.

Please note. If no button is pressed for 5 seconds the buttons will be locked automatically and the lock icon will appear on the screen. To unlock the unit press and hold the up/down buttons until the lock icon disappears.

If multiple tours or multiple languages are to be transmitted within the same environment, then each transmitter must be set to a different channel. Up to 12 of the 40 channels can be used simultaneously (depending on local conditions).

The channels can be identified on the table(overleaf).

Two channel groups are programmed into each unit. Group 1 **G1** has all 40 channels selectable and Group 2 **G2** only has the 12 channels that can be used simultaneously.

Factory default is set to Group 1. To change group, switch the unit OFF by pressing the power button until OF is displayed on the screen.

Press the power and down button until the screen displays G1 with the 1 flashing. Change the group by pressing the down button. Once the group is selected wait 6 seconds and the unit will switch to the new group. To change channels in the new group follow the previous instructions.

Once all the receivers have been programmed to the correct channel, the transmitter can be switched on by pressing the power button. ON will be displayed on the screen and the Signal indicator will illuminate Blue. The transmitter channel must now be programmed to the receivers channel by following the previous instructions.

The Signal indicators will illuminate Blue on each receiver once they receive a signal from the transmitter.

If the receiver Signal indicator fails to illuminate make sure the unit is within range of the transmitter.

If Signal indicators on the transmitter/receivers illuminate Red then the battery needs replacing/recharging.

If a receiver receives no signal from a transmitter for 20 minutes the unit will automatically switch off to preserve battery life.

A Hi-Lo switch is located within the battery compartment. This can be used for-
Transmitter

Hi-Increase range but reduce battery life. Lo-Reduce range and increase battery life.

Receiver (Squelch)

Hi-Reduce range to receive transmitter. Lo-Increase range to receive transmitter. *Please Note. Hi is up and Lo is down.*

Specifications

Frequency range	863-865MHz
Channels	40
Transmission power	≤10mW
Transmission range	≤ 120m (line of sight)
Power supply	1 x AA battery
Typical battery life	Transmitter 9hrs/10hrs
NiMh/Alkaline	Receivers 12hrs/15hrs
Dimension (mm)	24.4 x 40.5 x 97.2
Weight	45 g (without battery)
Operating temperature	-10°C – +50 °C
<i>Subject to technical modification.</i>	

Channel	MHz	Channel	MHz	Channel	MHz	Channel	MHz
1	863.075	11	863.175	21	863.025	31	863.125
2	863.275	12	863.375	22	863.225	32	863.325
3	863.475	13	863.575	23	863.425	33	863.525
4	863.675	14	863.775	24	863.625	34	863.725
5	863.875	15	863.975	25	863.825	35	863.925
6	864.075	16	864.175	26	864.025	36	864.125
7	864.275	17	864.375	27	864.225	37	864.325
8	864.475	18	864.575	28	864.425	38	864.525
9	864.675	19	864.775	29	864.625	39	864.725
10	864.875	20	864.975	30	864.825	40	864.925

The channels in **bold** can be used simultaneously (depending on local conditions).