

## ATS-80T - Transmitter



42-channel digital PLL voice transmission system, 823-832 MHz and 863-865 MHz

- As a tour guide system also suitable for any other application in which a two-way communication is required, e.g. training sessions, lectures with questions and answers and group tours or factory tours
- High resistance to interference due to digital transmission
- High operating range
- Frequency range optimised for voice transmissions
- Interference-free parallel operation of up to 42 different channels possible

42-channel PLL transmitter,  
for microphone operation and audio line signals.

- 3 different operating modes: guiding, lecturing and discussions for versatile applications
- Integrated microphone, adjustable gain
- Supplied with additional earphone microphone
- Audio line input via 3.5 mm stereo jack
- High-contrast OLED display
- Battery status indication
- Priority assignment
- Alarm function
- Talk/mute button
- Call button
- Channel lock
- Full-duplex communication
- Attendance monitoring
- Belt clip



- Lanyard
- Adjustable transmitting power (high: ? 20 mW/low: ? 10 mW)
- Operating range: approx. 100 m
- Power supply via 2 x 1.2 V NiMH rech. battery AA size (not supplied)
- Dimensions: 47 x 97 x 35 mm
- Weight: 53 g

Please consider the regulations and requirements in the country of application.

Please read the notes regarding wireless systems in the section "IMPORTANT INFORMATION"!

Matching chargers ATS-85PS, ATS-850PS or charging case ATS-825C are available at option.

## Technical data:

General information	:
Description	: 42-channel digital PLL transmitter
Carrier frequency range	: 823-832 MHz, 863-865 MHz
Audio frequency range	: -
Channels	: -
THD	: -
Dynamic range	: -
Latency	:
RF S/N ratio	: -
Operating time	: -
Admiss. ambient temp.	: 0-40 °C
Power supply	: -
Dimensions	: -
Total weight	: -
Connections	: -
Specifications transmitter	:
Transmitting power	: $\hat{a}_{00} \approx 20 \text{ mW} / \hat{a}_{00} \approx 10 \text{ mW}$
Operating range	: 100 m
Power supply transmitter	: 2 x 1.2 V NiMH rech. batt. AA size
Width transmitter	: 47 mm
Height transmitter	: 97 mm
Depth transmitter	: 35 mm
Weight transmitter	: 53 g
Connections transmitter	: 3.5 mm jack (microphone/headset), 3.5 mm jack (line in)
Specifications receiver	: -
Audio signal receiver	: -
Power supply receiver	: -
Width receiver	: -
Height receiver	: -
Depth receiver	: -
Weight receiver	: -
Connections receiver	: -