

ATS-80ST - 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 stationary PLL transmitter,
for microphone operation and audio line signals. In combination with ATS-80R, also suitable for interpretation systems.

- Stereo audio line input via RCA L/R
- Microphone input via comb. jack (XLR/6.3 mm jack)
- Mono audio line output via RCA
- Loop input and loop output via 6.3 mm jack
- Adjustable headphone output for monitoring
- Removable antenna (TNC)
- Supports Bluetooth
- USB audio programming interface
- High-contrast OLED display



- Channel name and ID can be edited
- Adjustable transmitting power (high: ? 20 mW/low: ? 10 mW)
- Operating range: approx. 100 m
- Power is provided via encl. plug-in power supply
- Dimensions: 215 x 51 x 210 mm
- Weight: 1.25 kg

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

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

Technical data:

General information	:
Description	: 42-channel digital PLL transmitting unit
Carrier frequency range	: 823-832 MHz, 863-865 MHz
Audio frequency range	: -
Channels	: 1
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	: via encl. power supply
Width transmitter	: 215 mm
Height transmitter	: 51 mm
Depth transmitter	: 210 mm
Weight transmitter	: 1.25 kg
Connections transmitter	: 1 x XLR/6.3 mm jack (mic in), 1 x RCA L/R (line in), 1 x RCA L/R (line out) 1 x 6.3 mm jack (loop in), 1 x 6.3 mm jack (loop out), 3.5 mm jack (headphones)
Specifications receiver	: -
Audio signal receiver	: -
Power supply receiver	: -
Width receiver	: -
Height receiver	: -
Depth receiver	: -
Weight receiver	: -
Connections receiver	: -