



## Professional 16-channel PLL audio transmission system, mono, 863-865MHz, with extensive accessories

- Ideally suited as a "tour guide system" and for all other applications in which a certain audio or voice source is to be distributed to one or more receivers

- Wireless transmission of audio signals with one transmitter and one receiver is also possible
- Simultaneous operation of up to 8 transmitters with different frequencies (dep. on distance of transmitter, stationary RF sources of interference, and other local conditions)
- Licence free in the EU

### ATS-16R

Order No. 24.4680

#### 16-channel PLL receiver

- Integrated speaker
- Matching earpiece with rubber earband is in the scope of delivery
- Connection for audio tube earphone ET-16 which is available at option
- Audio output via 3.5mm stereo jack
- Pilot tone squelch and noise squelch
- Status display of rech. battery, indication of carrier signal
- Volume level control, belt clip
- Power supply via 2 x 1.2V NiMH rech. battery AA size (not supplied) or low-voltage jack (5V), dimensions: 66x111x35mm, weight: 100g



### ATS-16T

Order No. 24.4690

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

- Integrated microphone
- Supplied with additional electret tie clip microphone
- Audio line input via 3.5mm mono jack
- Status display of rech. battery, indication of carrier signal
- Volume level control, belt clip
- Power supply via 2 x 1.2V NiMH rech. battery AA size (not supplied) or low-voltage jack (5V), transmitting power: ≤ 10mW (EIRP), min. operating range: 50m, dimensions: 66x111x35mm, weight: 85g



### ATS-16BAG

Order No. 22.0720

#### Protective bag of artificial leather, for the transmitters and receivers of the ATS-16 series. With belt clip and velcro fastener.

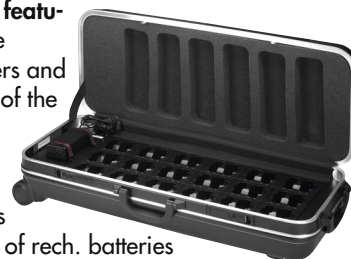


### ATS-36C

Order No. 24.4700

#### Transport case with intelligent PWM quick charging feature, for the transmitters and receivers of the ATS-16... series.

- Simultaneous charge of rech. batteries (NC, NiMH) for up to 36 units
- Average charging time, depending on capacity and condition of the rechargeable batteries used: approx. 5-6 hours, e.g. for 1,300mAh rech. batteries
- LED indication for charging and fault indication for each slot
- Mechanical reverse polarity protection
- Lockable plastic transport case fitted with castors
- Supplied with matching switch-mode PSU 100-240V~/50-60Hz/110VA
- Dimensions: 860x230x350mm



### ECM-16N

Order No. 23.4340

#### Electret neckband microphone

A special microphone, very comfortable to wear due to its ergonomic design. The unusual combination of gooseneck and microphone ensures a secure fit and a good voice transmission. Perfectly matched to the transmitter ATS-16T.

- Can also be operated without ATS system via power supply adapter (e.g. EMA-20), available at option
- Flexible 48cm neckband of high-quality metal gooseneck technology
- Cardioid characteristic with low acoustic feedback and a voice-optimised sound
- 1.1m connection cable with 3.5mm mono plug
- Supplied with foam windshield



### ATS-16PS

Order No. 24.4670

#### Intelligent PWM quick charging station, for simultaneously charging the rechargeable batteries (NC, NiMH) of two units of the ATS series.

- Average charging time, depending on capacity and condition of the rechargeable batteries used: approx. 3-4 hours, e.g. for 1,300mAh rech. batteries
- LED indication for charging and fault indication for each slot
- Mechanical reverse polarity protection
- Including plug-in PSU: 230V~/50Hz/10VA



### ET-16

Order No. 22.0750

#### Audio tube earphone

- Suitable for receiver ATS-16R
- The audio signal which is created by the integrated speaker of the ATS-16R is transmitted directly to the ear via the flexible tube. An easy-to-clean silicone ear tip ensures a secure fit in the ear
- Length of tube: 1m



### ES-16

Order No. 22.0740

#### Mono earphone

- Suitable for the receivers of the ATS-16 or ATS-10 series
- Flexible rubber earband for a secure fit to the ear
- Dynamic 32Ω system
- 1.2m connection cable with gold-plated 3.5mm stereo plug



Model	ECM-16N
System	electret/cardioid
Frequency range	150-16,000Hz
Impedance	680Ω
Sensitivity	3.16mV/Pa/1kHz
Max. SPL	110dB
Power supply	1.5V via ATS-16T or 1.5-9V via optional power supply adapter
Admiss. ambient temp.	0-40 °C
Weight	160g
Connection	3.5mm mono plug

### ATS-16CORD

Order No. 22.0730

Carrying cord for the neck, suitable for the transmitters and receivers of the ATS-16 series. Nylon version.



Model	ES-16
System	dynamic
Frequency range	20-20,000Hz
Impedance	32Ω
Max. input power	50mW
Sensitivity	105dB/1mW
Cable	1.2m
Plug	3.5mm stereo plug
Adapter	
Weight w/o cable	8g

The hand-held microphone with integrated transmitter ATS-10HT matches the ATS-16 series and is available at option.