



**Digital Audio Transmission System
DAS-4002**



Digital Audio-Transmission System – DAS-4002

Description

The DAS is a small digital audio transmission system constructed using SMD technology for the UHF-BOS band. Audio signals are digitized through a 9 Bit A/D transducer, and, subsequently, encrypted. The system has a data rate of 76.8 kBit. The transmitter is fitted with an internal microphone. A miniature pushbutton enables changeover between several frequencies. The transmitter is equipped with a variable headphones amplifier and a line-in output.

Technical data

Digital audio transmitter DAS-TX4304 (Model No: 120 200 0042)

Frequency range	10 channels, 441 – 450 MHz
Transmitting power	approx. 50/150 mW switch able
A/D converter	9-Bit
Data rate	76.8 kBit
Modulation	2-LEVEL FSK, pass ± 50 kHz
Power supply	3.6 – 9 V DC
Power consumption	approx. 65/120 mA (depending on transmitting power)
Dimensions	26 x 33 x 7 mm

Digital Audioreceiver DAS-RX4002 (Model No: 120 200 0052)

Sensitivity	approx. -100 dBm
Reception channels	10 (switch able)
Power supply	5 – 12 V DC or internal 9 V-battery
Power consumption	approx. 40 mA
Connections	antenna (BNC) headphones (adjustable) (3.5 mm stereo jack) line-out (3.5 mm stereo jack)
Dimensions	100 x 80 x 35 mm

Scope of Delivery: DAS-TX 4304, power supply cable (assembled), DAS-RX4002, Antennae, 2x 9 V Battery, headphones, transport box, user manual



If you would like further Information about ELAMAN,
or would like to discuss a specific requirement or project, please contact us at:

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