



**Miniature Audio Transmission System
GNOM 120 100 0072**

Miniature Transceiver Systems - Audio - 120



Miniature Audio Transmission System – GNOM

Description

GNOM is an audio transmission system providing super-broad Spread Spectrum Modulation. Due to its transmission band width of more than 40 MHz and the noise-similar spectrum, the detection of the audio transmitter is extremely difficult. Due to the modulation process interception without a special decoder is very difficult. Its enormous low power consumption of approx. 1 mA enables excellent long-term audio monitoring operations. With a 9 V-battery operating times of more than 60 days can be reached!

Technical Data

Miniature audio transmitter GNOM-Tx (Model No: 120 100 0073)

Frequency range	300 – 400 MHz
Power supply	2,4 – 9 V DC
Power consumption	approx. 1 mA
Dimensions	11 x 4 x 36 mm (without antenna)

Miniature audio receiver GNOM-Rx (Model No: 120 100 0074)

Frequency range	300 – 400 MHz
Sensitivity	approx. -90 dBm
Audio band width	6 kHz
Power supply	internal 9 V DC (battery) external 5 – 12 V DC
Power consumption	approx. 40 mA
Dimensions	82 x 32 x 115 mm (without antenna)

Scope of Delivery: GNOM-Tx, GNOM-Rx, headphones, antenna, battery cable, 2 x 9 V-battery, operating instructions, transport box

Option: Delivery can also be effected with external microphone.

Model No: 120 100 0072



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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