

Product Information



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TSE 6801

Compact Transmitter



TSE 6801 Compact Transmitter

INCA TXM Compact audio transmitter for concealed use

For use by federal and international authorities

The INCA TXM audio transmitter is an extremely small analogue audio transmitter, designed for use in highly sensitive, mission-critical applications.

The extremely small size of the TXM audio transmitter makes it ideal for use in conjunction with disguised applications, in concealed operations or, in other operational situations where extended battery life and/or low power consumption are crucial.

The INCA TXM multipurpose audio transmitter module has a unique feature: when combined with the RCM remote control module, the transmitter can be switched off into "sleep mode" using the INCA RX remote control transmitter module or the handheld X-IDER remote control transmitter. During this "sleep-mode" the transmitter is completely switched off, which results in extremely low current consumption.

Since the control module does not contain a local oscillator, there are absolutely no RF emissions. This minimizes the risk of the unit being found by detectors or RF scanning equipment.

The INCA TXM transmitter is NATIA TIA/EIA-102 analogue mode compliant and meets the standard for unparallel performance.

The INCA TXM is the smallest micro-transmitter module currently available. Despite its small size, it is easy to install. All external connections apart from the microphone are combined into a single small multi-pin connector.

This ensures complete flexibility in the design of concealed installations, as well as easy connection to the extensive range of accessories.

Applications

The INCA TXM audio transmitter module is ideal for operations that require:

- extremely small size for easy concealment
- special custom concealments
- low power consumption
- optimum signal penetration
- long range
- exceptional voice clarity
- scrambled signal transmission
- low transmitting power to minimize the possibility of detection
- remote control (optional)



It is also ideal as an officer safety transmitter for concealed use.

Each transmitter is supplied with an individual serial number and a test data sheet based on final production tests.

Features

- Available in VHF and UHF versions
- Protected against antenna failure and/or antenna mismatch
- NTIA TIA/EIA-102 Narrowband Analogue compatible
- Single channel PLL synthesized and crystal controlled
- One channel factory pre-programmed
- On-board high quality wideband analogue scrambler
- Scrambler on/off facility
- AGC automatic gain control
- Pre-emphasized for maximum audio quality
- Remote controllable on/off function via optional RCM remote control module
- Highly robust metal housing
- Extremely small design for maximum conceal ability



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