



**TSE 6801**  
**High Power Audio Transmitter**

## TSE 6801 High Power Audio Transmitter

INCA TXH Multipurpose audio transmitter

The INCA TXH multipurpose audio transmitter module is the most powerful miniature transmitter currently available. The small size of the TXH is no limitation to its high power capability.

The TXH unit has all the functionality of the TXM micro-transmitter module but provides greater output power and thus better signal penetration.

Both the TXH transmitter and the TXM micro-transmitter module can be used for concealed applications, and their small size allows easy installation in almost any concealed location or device.

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

The external electrical and control connections 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.

The INCA TXH 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. As the remote receiver 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 TXH transmitter is supplied in a robust metal housing with separate output connector for an antenna, and input connector for microphone.

The TXH transmitter is designed for use concealed on the human body or in small personal appliances. The small size of the TXH meets the stringent requirements associated with use as a personal protection audio transmitter, and the module works perfectly even under adverse conditions that include jolts, vibration, and humidity.

### Applications

The TXH micro-transmitter module is ideal for operations that require:

- extremely small size, for easy concealment
- special custom concealments
- scrambled signal transmission
- exceptional voice clarity
- good signal penetration
- very long range
- 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 Antenna connector for whip or remote antenna
- Single channel PLL synthesized and crystal controlled
- NTIA TIA/EIA-102 Narrowband Analog compatible
- 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 the RCM remote control module (option)
- Ultra-small design for maximum concealability.





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

**Elaman GmbH**  
**German Security Solutions**  
**Seitzstr. 23**  
**80538 Munich**  
**Germany**

**Tel: +49-89-24 20 91 80**  
**Fax: +49-89-24 20 91 81**  
**info@elaman.de**  
**www.elaman.de**