



**TSE 6801
GSM Battery Transmitter**

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INCA TX/RC concealed in a NOKIA 6110 battery Remote controlled NOKIA 6110

Compact transmitter with scrambler and remote control Rechargeable battery For use by federal and international authorities

The size and versatility of the INCA TX/RC transmitter makes it possible for the unit to be incorporated into a wide range of concealed locations for professional use. When concealed, the unit retains all the remote-controlled functionality of the INCA TX/RC transmitter module.

The remote control function combined with the low stand-by power consumption makes the TX/RC unit ideal both as an officer safety transmitter and as an all-round undercover intelligence transmitter located in the target's mobile phone.

The INCA Nokia 6110 concealed battery serves as power source for both the phone and the INCA TX/RC unit.

The INCA TX/RC concealed in a Nokia 6110 accepts encoded instructions only from the INCA receiver or the X-IDER handheld command control transmitter.

As the remote receiver does not contain a local oscillator, there are absolutely no RF emissions. This is a unique feature that minimizes the risk of the unit being found by bug detectors or scanning equipment.

Applications

The TX/RC module is ideal for operations that require:

- remote-controlled officer safety transmitter
- back-up system in conjunction with modified dial-in phones i.e. Rat phone types
- placing a remote-controlled transmitter on an unsuspecting target person
- operational transmission on both sides of a telephone conversation
- long-term installations with extended stand-by time
- scrambled signal transmission
- low probability of detection
- low power consumption
- long battery life

The transmitter can be switched off completely by means of a small toggle switch, which is concealed, when attaching the battery to the cellular phone.

Alternatively, the transmitter can be switched into "sleep mode" via the wireless remote control X-IDER transmitter. In this "sleep mode", the current consumption is only app. 35uA, which will not affect the stand-by time of the cellular phone.

The INCA TX/RC concealed in a NOKIA 6110 battery is NTIA analogue mode compliant and meets the standards for unparalleled performance.

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

Designed around the INCA TX/RC module, the INCA Nokia 6110 can easily be converted for subsequent use in other concealed locations.

Features

- Available in VHF and UHF versions
- The INCA Nokia 6110 concealed unit is available as:
 - A. Officer safety version with micro kill switch
 - B. Tactical version with remote control only
- Single channel PLL synthesized and crystal controlled
- Transmits via specially designed loop antenna
- NTIA narrowband analogue compatible
- One channel factory pre-programmed
- On-board high quality remote-controlled wideband analogue scrambler
- 6 kHz audio bandwidth in clear mode
- 4 kHz audio bandwidth in scramble mode
- AGC - Automatic Gain Control (wide dynamic area)
- Pre-emphasized for maximum audio quality
- Operates with modified dial-in phones, Rat phone types etc.
- >7 hours of non-stop active transmit operation
- App. 2 hours daily operation of the transmitter with no service degradation for standard telephone functions





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or would like to discuss a specific requirement or project, please contact us at:

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