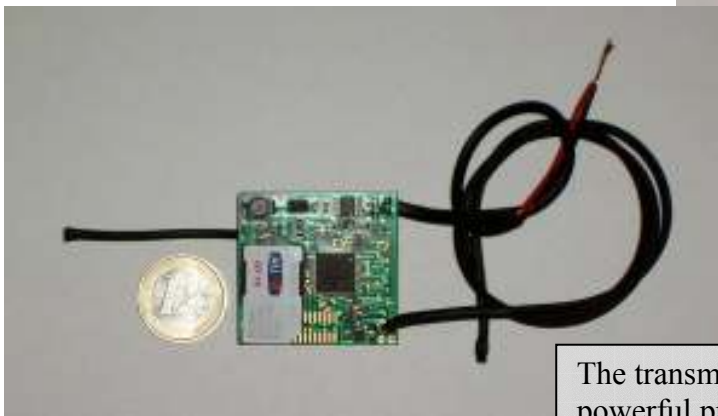


TRANSMITTER GSM QUADRI-BAND BABI

The transmitter for listen them existing smaller GSM on the put to disposition and optimized national territory for intelligence services.

BABI is the transmitter for miniaturized remote surveillance based on GSM Quadri - Band. The system is born from the requirement of being able to listen whichever domestic atmosphere and not.



The transmitted audio, comes before elaborated from a powerful processore DSP that pulls down noises and ustles is in installations furnitures that of a domestic atmosphere. Firmware allows the complete management of the sound in real time on the filters and the same DSP.

Date release: May 2007

ATTENZIONE! Gli utilizzi impropri di questi articoli violano la legge n° 98 dell'08/04/1974 art. 615 bis, 617 617 bis c.p. ; art. 226 bis c.c.p. sulla riservatezza della vita privata e intercettazioni delle comunicazioni. La SPEKTRA declina ogni responsabilità sull'uso illecito di tali apparecchiature.

OPERATING CHARACTERISTICS:

● POSITIONING AND DIMENSION:

The dimensions almost guarantee the concealment on one great part of places furnish or fixed. Thanks to the strong reduction to disturb electrical workers and to the residual noise of the alternated tension 50Hz, can be hidden in domestic atmospheres which taken household-electric B-Ticino electrical workers small and switchboards.

Elevated miniaturization with 39 millimeter of width, 40 length millimeter and 9 millimeter of height render it between smallest transmitter that is in circulation.

● AUDIO OPERATION:

Two selectable microphones are available singularly or in brace with the function "pseudo-stereo" that them active both.

It's possible to set up 2 distinguished thresholds of programming of the inner DSP for the reduction of the noise of the atmosphere.

Audio possibility to have 3 programmable levels to disposition.

Recalled on movement towards it centers them with car functions discouragement.

Recalled on function VOX with regulation of the threshold on several levels.

● TRANSMITTER OPERATION:

Programmings with SMS

Function "padlock" for the accidental block of the programmings.

Function "anti-listen" illicit with specific programming of the qualified number to listen.

Function shipment SMS of alarm on transmitter departure and stop.

Function format for restoration factory values.

Function anti-reclamation with setting timer.

Function "infinity" for listen limitless also without presence of events.

Recalled function of to number set up through movement or VOX.

Reading of IMEI, main cell, marks them adjacent GSM and cells anytime richiedibile. Emission tone DTMF in case of reception SMS.

Function "ring" towards centers them with call voice and successive car-discouragement from part of the module.

Power off led of diagnostic through SMS.

TECHNICAL CHARACTERISTICS:

• **SECTION GSM:**

FREQUENCIES GSM:

Quadri – Band GSM 850/900/1800/1900 MHz

POWER RF:

2W Classe 4 (900 MHz) – 1W Classe 1 (1800 MHz).

SIM:

SIM card reader to the inside of the module.
Use international SIM card that respect norms GSM

SMS:

Text

• **SECTION AUDIO:**

FUNCTION VOX:

Regulation function VOX with several steps.

FUNCTION FILTER:

Regulation filters HI-PASS and LOW-PASS.

FUNCTION DSP:

Regulation reduction noise, cancellation echo, elaboration marks them in income and others.

SECTION MICROPHONE:

Two selectable microphones independently, at the same time (pseudo - stereo) or with function dynamic-mic

SECTION TRANSMITTER:

POWER SUPPLY.:

Two different solutions:
7-26 Vdc guaranteed from the local micro-power source of edge
3,6 Vdc directed, through contact on the peripheral one

MEASUREMENTS:

3,6 Vdc = 75mA sleep, 200mA transmission "speak"
7,0 Vdc = 41mA sleep, 190mA transmission "speak"
9,0 Vdc = 35mA sleep, 135mA transmission "speak"
12 Vdc = 30mA sleep, 100mA transmission "speak"
18 Vdc = 22mA sleep, 69mA transmission "speak"
24 Vdc = 18mA sleep, 42mA transmission "speak"
26 Vdc = 17mA sleep, 40mA transmission "speak"

MICROPHONES:

Two microphones selectable both or singularly.

ANTENNA GSM:

on board / patch / SMA.

CONNECTIONS:

Power supply with escape red (+) and black cable (-).
Cables type microphones anti tear with spirit in steel and double shielding.

OPERATING STATES:

Operating status led.

SENSORS / PARAMETERS:

Regulations parameters of the accelerometer with time thresholds/movement through SMS.

WEIGHT:

30 gr. approximately.

DIMENSIONS:

40 x 39 x 9 mm.