

## Selective Call Test Unit SRTG-GA82

- Precise synthesised generator
- Universal Decoder for radio monitoring
- Programmable alarm outputs
- Acounstic interface
- RS-232 interface for reports
- Built-in realtime clock and date
- Portable (built-in battery)



This test unit is used to check radio signalling procedures in radio systems for servicing, commissioning or during development work and for radio monitoring

All known analogue or digital selective call procedures can be generated and decoded with the SRTG-GA82. Proprietary tone sequences, or digital signalisation can also be easily generated. Beyond this, custom specific test procedures matched to the target systems can be integrated.

Battery driven, small and robust, the SRTGGA82 represents a useful tool for evaluating and servicing radio networks.

### Functions

#### Frequency groups

Analogue	ZVEI CCIR EIA CCITT DTMF
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	CTCSS VDEW .....
Digital	MPT-1327 POCSAG ERMES FLEX ATIS GOLAY ZVEI-D .....

Not only known standard frequency series for analogue systems or standardised telegrams for digital signalisation systems are programmable, but also procedures for generating and evaluating user-orientated analogue and digital sequences.

### The following parameters are programmable

Frequency groups	32
Individual frequencies	32 per group
Centre frequency error	Total or per tone
Tone length	1 to 4000 ms
Pause length	0 to 4000 ms
Transmitter lead time	0 to 4000 ms
Encoder AF level	Total or per tone
Decoder AF level	
SEL signal contact	Assigned to selective calls
Pre filter	Flat, HP, LP, BP
Single frequency synthesizer	50 to 5000 Hz
Radio data transmission	Up to single bit sequences; FSK, PSK
Linking different call formats	ZVEI - DTMF, sequential ZVEI - CTCSS parallel

Programming is via the keyboard or through the built-in RS-232 interface. Programming is menu driven. Menu or selective call data is presented on a LCD display having 4 x 20 characters and a scroll function.

### Technical specifications

#### Interfaces

Wire	AF input: 0 dBm (default), galvanically isolated AF output: 0 dBm (default), galvanically isolated TX contact: Contact for transmitter keying SEL contact: Contact for signalling a call RS-232: Serial interface for reports or remote control
Acoustic	AF input: Via built-in microphone AF output: Via built-in loudspeaker

#### Power supply

Internal	Accumulator With built-in charger
External	12 VDC Battery connector

### General

Dimensions	220 x 165 x 60 mm Desktop
Weight	1.2 kg
Temperature	-10°C to +60°C Data retention

### Options

Frequency groups	Special groups; analogue, digital
FFT analysis function	For frequency, level and time
Built-in clock	Time and date
IEC bus interface	External module
19"/2U rack mounting Customer-specific designs	230 V AC; customized interfaces on request

**Selective Call Test Unit SRTG-GA82 | MPT1327 | [POSCAG | ERMES | FLEX | ATIS | GOLAY | ZVEI-D**

[http://encryption-product.at-communication.com/en/secure/call\\_test\\_unit.html](http://encryption-product.at-communication.com/en/secure/call_test_unit.html)