

PAGING TRANSMITTER POCSAG VHF & UHF

The 12-62 Series transmitters are available as VHF and UHF units with user-programmable power outputs ranging from 50 milliwatts to 4 watts. Using programming software, each model can be tuned across its full frequency range with no hardware adjustments. They are capable of operating as NRZ or POCSAG transmitters. The built-in POCSAG encoder can be enabled or disabled as required.



In addition to a direct/RS232 buffered serial port, an on-board USB port enhances the range of applications to which the transmitter can be applied. Input/Output expansion is also possible via an internal plug-in adapter or an external I/O expansion module.

- Serial Connector
- Discrete/Dry Contact Inputs
- USB Port
- Power Connector



SPECIFICATIONS

Frequency Ranges	Model 12-62-0150 VHF 135-174 MHz Model 12-62-0450 UHF 427.5-475MHz
Frequency Step Size	10.0, 12.5, 25 KHz
RF Power Output	50mW, 100mW, 250mW, 0.5W, 1.0W, 2.0W and 4.0 Watts selectable. Each model tuneable across its full frequency range via programming software (no hardware adjustment).
Input Current	Standby: 40mA Transmit: 1.2Amp approx.
Deviation	± 2.25KHz or ± 4.5KHz
Baud Rate	512 or 1200 Bd
Spurious Outputs	-36dBm max.
Power Supply	13.8V (±15%) DC via two pin socket
Dimensions	100mm x 120mm x 30mm (WxDxH)

FEATURES

- ✓ Supports NRZ and POCSAG Transmissions
- ✓ High VSWR tolerance
- ✓ Direct/RS232 buffered serial port
- ✓ USB port
- ✓ Four discrete inputs
- ✓ POCSAG encoder (programmable on/off)
- ✓ RF output through standard BNC termination
- ✓ Salcom, TAP/PET protocols
- ✓ 240 Character messaging
- ✓ Buffered messages
- ✓ Input timing control(watchdog)
- ✓ Programmable de-bounce control
- ✓ NZS/AS4769, ETS 300 224 (EC), FCC Pt 90.203 approvals pending

The USB and RS232 ports can be used to initiate paging transmissions using the Salcom proprietary protocol, Paging Entry Protocol (PET) or Telocator Alphanumeric Protocol (TAP) PG1 protocol. These ports can be used concurrently making it possible to connect a telephone interface unit and still initiate paging transmissions via the USB port.

Four discrete inputs are supported which may be used to initiate relay commands for remote control applications. For paging applications a different pre-programmed message can be assigned to an input on high and/or low transition. The unit also supports low voltage detection on the power input.

Configuration of the transmitter is performed via the USB port or the serial port using an intuitive Salcom programming application which allows for the setting of all operational parameters.

The 12-62 is housed in an attractive, durable extruded aluminium case with provision on the base plate for wall mounting.

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