12-62-3000 DESKTOP PAGING TRANSMITTER

Although ideally suited for use in the hospitality industry, the versatility of the 12-62-3000 Desktop Paging Transmitter lends itself to a variety of office, retail, medical and industrial applications. The unit is simple to operate and is housed in an attractive extruded aluminium enclosure. The keyboard buttons are impervious to dirt and moisture.

The 12-62-3000 provides operator entry of numeric messages, or the selection of pre-programmed alphanumeric messages for transmission to pagers. All parameters are programmable and it can store up to 100 receiver codes (RICs) plus 10 pre-programmed 40 character alphanumeric messages.

Numeric, alphanumeric and tone-only encoding can be software controlled via the USB or serial ports enabling a user to call a pager, append a priority level, and add a numeric or alphanumeric message. It supports multiple message queuing of up to eight 240 character messages, or as many smaller messages that will fit into the memory (up to 80).

The unit supports 4 discrete inputs (infinitely expandable using the 12-32-0000 thirty two input expansion module) with a different pre-programmed message on high and/or low transition. There is provision to transmit a message more than once with variable time between transmissions.

Transmissions may be initiated via the USB or serial ports using the SALCOM propriety protocol, Paging Entry Protocol (PET) or Telocator Alphanumeric Protocol (TAP) PG1 protocol. Since these ports can be used concurrently it is possible to connect a telephone interface unit and still initiate paging transmissions via the USB port.

- **100 pager capacity**
- **10 pre determined alpha numeric messages**
- **4 digital inputs (enables the user to have up to 4 "dry contact" inputs for emergency call buttons etc)**
- **Programmable from 50 milliwatts to 4 watts**
- **Serial access**
- **USB access**
- **Telephone access (used in conjunction with our Salcom 11-36 telephone interface)**
- **Numeric message generation i.e. the user can nominate a pager and create his own numeric message to be displayed on that pager**
- **Random RIC/CAP code selection. If required, the 7 digit RIC/CAP code can be entered via the keypad for pager testing.**
- **Rugged extruded aluminium enclosure**
- **Capacitive keyboard touch switches with audio key press confirmation**

Frequency	VHF: 148-164MHz UHF: 427.5-475MHz
Switching Range	Full range with no tuning
Channel Spacing	12.5kHz or 25kHz
Output Power	7 settings, 50mW to 4W ±1dB 50 Ohms
Power Supply	+ 13.5V nom, +11.5V to 15.2V
Input Current	Standby: 40mA Transmit: 1.2A approx
Modulation	FSK with NRZ data
Deviation	±2.25kHz or ±4.5kHz
Baud Rate	512, 1200 baud
Message Format	POCSAG
Spurius Outputs	-37dBm or less
Serial Input/Output	S2, pins 1,2 RS-232 (DCE), 9600 baud, no parity, 8 data bits, 1 stop bit
Paging Protocols	Salcom proprietry, PET, TAP (PG1)
Discrete Inputs	Pulled up to +12V (47K), ground to activate PTT on P2 pin 6. External modulation on S10 pin 8
Discrete Outputs	PTT sink, 50mA on S10 pin 1
Type approvals	UHF: AS/NZS4769, EN 300 224, FCC Pt 90 VHF: AS/NZS4769
Transmit Duty Cycle	Up to 100%
Dimensions	100mm x 120mm x 30mm (WxDxH)

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