



PSR2000 – PAGING DATA RECEIVER



The PSR2000 is a powerful but low cost paging receiver/decoder with a single serial data or TTL output. It incorporates an M16 processor which provides a significant amount of data processing capability.

The PSR2000 may be used for a wide range of data control applications such as message logging, remote control, LED sign control, load shedding etc. and provides up to 4 digital control outputs or it may be interfaced with the RCM2000 Relay Control Module for multiple relay output.

Features

- Time and date stamping of messages
- Pocsag or Flex
- Serial data output
- 4 discrete switched outputs 20v 300mA
- All common frequency bands available
- Large CAP code capacity
- External aerial on BNC connector
- Text Search & Replace
- Custom software design for message data manipulation and control available on request.

(*Flex™ is a trademark of Motorola Electronics)

Specifications

- | | | | |
|--------------------------------|--|----------------------------|------|
| • Physical Dimensions | 104 x 57 x 14 (mm) | • Co channel rejection | 4dB |
| • Operating Voltage | 9-15VDC | • Spurious Immunity | 60dB |
| • Operating Temperature | 0-50oC | • Intermodulation Immunity | 60dB |
| • Interface Connector | DB9 (serial) (opt DIL) | • Blocking Immunity | 85dB |
| • Processor Speed | 16MHz | | |
| • Volatile RAM | 20kb | | |
| • Flash Memory | 256Kb | | |
| • Serial port | RS232 rx, & tx at RS232 levels | | |
| • RS232 level I/O lines | 1 in, 1 out RS232 level I/O. | | |
| • I/O lines | 4 TTL level /IO. | | |
| • Frequency bands | VHF, UHF, 900MHz | | |
| • Antenna connection | 50ohm BNC on RG178 coax or internal loop | | |
| • Input sensitivity | -117dBm | | |
| • Channel width | 25kHz | | |
| • Adjacent channel Selectivity | 72dB | | |