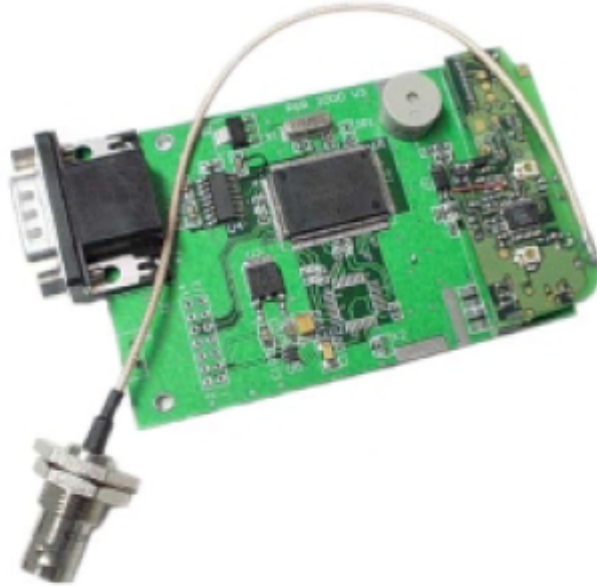


## PSR2000 – PAGING DATA RECEIVER



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