

**Br808** is an alphanumeric POCSAG pager that allow users to receive messages broadcast over on-site or nation wide paging system.



## Features

Large TFT Color Display, 2.2 inch, 320 x 240 pixels

Normal display: 6-line, up to 25 characters per line

6-button user interface

Status LED

Rechargeable lithium-polymer battery

Message folders:

- 1 **Page Message Folder**  
- Personal / Group / Tone Only / Priority Page
- 2 **News Message Folder**
- 3 **Archive Message Folder**

Up to 200 messages per folder

Up to 500 characters per message

3 individual alarms with choice of day with weekly repeat

Private time (auto pager off interval setting)

European languages prompt (up to 10)

Message time and date stamp

Sub-address alert tone (Only for Alert 1)

Sequential Lock Out (30s, 1m, 2m, 4m)

Duplicate message detection

Message retention (flash memory)

Out-of-range indicator

Keypad Programming for pager capcode and frequency

AES decryption for page messages

Dust and splashing water protection (IP54)

Audio and vibrate mode alerts

Battery level indicator



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### System Architecture



### Pager Specifications

Protocol: POCSAG  
 Frequency: VHF (135 - 175 MHz), UHF (452 - 468 MHz), 900 MHz (929-932 MHz)  
 Capcode: 8 RIC / 32 Sub-RIC  
 Baud rate: 512 / 1200 / 2400 bps

	VHF / UHF	900 MHz
Channel Spacing:	25 kHz, 12.5 kHz	25 kHz
Paging Sensitivity:	-107 dBm	-104 dBm (c.f. 22.5 dB)
EIA Selectivity:	50 dB	40 dB
EIA Spurious and Image Rejection:	50 dB	40 dB
IM Rejection:	50 dB	40 dB

Operating Temperature: -10°C to +50°C  
 Storage Temperature: -40°C to +85°C  
 Alert Tone Loudness: 88 dB @ 12 inches  
 Weight (with battery): 110 grams  
 Dimensions: 86(L) x 61(W) x 21(H) mm  
 Battery Type: 3.7 V, 1300 mAh Li - polymer  
 Battery life (Pager Only): Standby time up to 13 days  
 Charging: 5V via mini-USB Port  
 Orderable Option: Br808 - Belt holster, USB cable & wall charger in white box