

8001 ALPHANUMERIC PAGER

Datasheet



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The CST 8001 alphanumeric pagers include a number of versatile and indispensable features all wrapped in a robust, durable casing. A wrap-around holster to protect the LCD is also included. Many features can be programmed by hand or via OTA commands. The CST 8001 pager series is compatible with all leading paging systems. During transmission of a high-priority message, a pager on silent or vibrate-only mode can be forced to sound an audible tone in addition a special urgent warble tone can be assigned to let users know how urgent the message is. The CST 8001 can also be configured to operate as a rechargeable pager.



Specifications

General	
Model No.	8001 UHF
Frequency	UHF - 448-452MHz, 452-456MHz, 456-460MHz, 460-464MHz, 464-468MHz, 468-472MHz
Signal Transmission Type	POCSAG
Cap Codes	Eight, frame independent
Message Capacity	50 Max (can be limited to 1, 10, or 50) 512 characters per message
LCD Display	Four lines, 22 characters per line Four lines (bold), 16 characters per line Eight lines, 22 characters per line
Backlit LCD	White LED
Channel Spacing	25KHz (12.5KHz/6.25KHz on request)
Enclosure IP Rating	IP67 waterproof and dustproof
Unread Message Reminder	Red LED
Frequency Deviation	±4.5KHz (±2.5KHz/±1.25KHz on request)
Data Transmission Rate	512, 1200bps (2400bps on request)
Pager Menu Localization	English, German, Spanish, French, Czech, Swedish
OTA Programming	Change/disable cap codes Change frequency Change baud rate
Receiving Sensitivity	512bps 5uV/m 1200 bps 7uV/m 2400bps 9uV/m
Temperature / Humidity	10°C (14°F) to +50°C (+122°F) @ 95% humidity
Dimensions (without holster)	80 (L) x 64 (W) x 23 (H)mm 3.1 (L) x 2.5 (W) x 0.9 (H)inches
Weight	91g (3.2 oz) without battery
Battery Life	Up to 80 days using AA alkaline
Approvals	CE / FCC / ACA C-tick / RoHS / IC
Computer connection	USB Programming cable

Any standard CST 8001 pager can be configured to operate as a rechargeable pager by enabling a simple programming setting and the installation of a rechargeable battery. Chargers are available as an accessory.

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