

# PATRON PAGER

- RELIABLE PAGING TECHNOLOGY (UHF OR VHF)
- EASY INSTALLATION
- STACK AND CHARGE DESIGN
- OVER-THE-AIR PROGRAMMING
- OUT OF RANGE INDICATOR
- SMART CHARGE
- AUTO LOCATE FEATURE



## RELIABLE PAGING TECHNOLOGY (UHF OR VHF)

Unlike other customer call paging systems that use cheap 27MHz technology, Commtech's Patron Pager uses the international paging standard, POCSAG for superior reliability and coverage. This means that there's no chance of interference from toy radios, baby monitors, car alarm remotes etc.

## EASY INSTALLATION

Once the Patron Pagers have been programmed there's no further set up required. Patron Pagers can be pre-programmed at the time of delivery or programmed on-site over-the-air.

## STACK AND CHARGE DESIGN

The Patron Pagers use an innovative 'stack and charge' system that saves on surface space and eliminates clutter. Smart charge technology also means that the batteries won't get over-charged, extending battery life. Each time the Patron Pager is removed from the charging stack, it cycles through a self-test mode to let the staff member know that it's working and to provide the customer with a preview of its behaviour when paged.

## OVER-THE-AIR PROGRAMMING

The functionality of the Patron Pager can be customized to suit the environment and individual requirements of your site. There's no need for special programming jigs or software. All that's required is your paging transmitter. All features and settings can be programmed over-the-air (OTA). Each of the three alert types (beep, flash, vibrate) can be turned on or off individually - OTA. The pager ID, baud rate and a number of the pager features can all be changed OTA.

## OUT OF RANGE INDICATOR

Don't put up with a system that misses messages because the customer has inadvertently wandered out-of-range. The Patron Pager lets you know when you're out-of-range so you can be confident that you'll receive each and every message. Plus, because an out-of-range coaster can only be reset by placing it on a charger stack, the highly practical Out-of-Range mode acts as an effective anti-theft device.

## SMART CHARGE

There's nothing more frustrating than replacing battery after battery. That's why the Patron Pager uses a 'Smart Charge' system that switches to a trickle charge once it detects that the coaster is fully charged. This prevents damage to the replaceable Ni-Mh batteries. Unlike Ni-Cd batteries, Ni-Mh batteries won't suffer from a "memory effect". This means a much longer life span (approx 2-3 years) and fewer battery replacements.

## AUTO LOCATE FEATURE

Don't waste your time looking for missing pagers. The Patron Pager's auto-locate feature enables you to quickly locate pagers that haven't yet been returned to a charging base. With a simple OTA command, all pagers not on a charging base will flash and vibrate - allowing them to be promptly found and placed on charge.

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## TECHNICAL SPECIFICATIONS

### Patron Pager Receiver

Rx Frequency (MHz)	135-175, 276-284, 406-414, 429-437, 439-470, 929-932
Number of Addresses	4 Capcodes
Memory Backup	More than 10 minutes
LCD	7 segment x 3 digit, LED backlit, numeric and icons.
Vibrator	Low Noise Coreless Motor
Buzzer	80dBc SPL @ 30cm
Alert Types	Visual - LED Audible - Beep Tones Silent - Vibrate
Supported Protocols	POCSAG 512/1200bps
Enclosure	Tough, High Impact Plastic, Dust Proof
Power Requirement (Coaster)	Rechargeable Ni-Mh cell
Power Requirement (Charger)	12V DC (Unregulated)
Rechargeable Battery Life	2-3 years
Programming	Via PC or OTA
Working Temperature	-10°C to +50°C   -50°F to +122°F
Storage Temperature	-20°C to +60°C   -68°F to +140°F
Working Humidity	Up to 95% @ 50°C/122°F (non condensing)
ESD	Better than ± 8kV
Dimensions	105 [D] x 18 [H] mm 4.1 [D] x 0.7 [H] inches
Weight	122g / 4.3 oz
Approvals	CE / FCC / ACA C-tick / DOC
Sensitivity	512bps 5uV/m, 1200bps 7uV/m
Pass Bandwidth	± 3.0kHz
Modulation	± 4.5kHz DC modulation @ NRZ
Selectivity	Better than 60dB @ ±25kHz
Frequency Stability	VHF ± 10ppm UHF ± 5ppm 930Mhz ± 3ppm

## THE PATRON PAGER IS EASY AS ...





- 1 Give your patron a coaster when they place their order or request a table, it is just like giving them a table number.
- 2 You can page the customer when their order or table is ready, by typing in their coaster or table number.
- 3 The Patron Pager will alert the customer that their table or meal is ready.

Product Name	Ordering Code
Patron Pager	PATRON PAGER UHF X 1 PATRON PAGER UHF X100 PATRON PAGER VHF X 1 PATRON PAGER VHF X 100
Patron Pager Lexan (Custom Design)	PATRON LEXAN
Patron Pager Battery	PATRON BATT
Patron Pager Charger	PATRON CHARGER
Charger Power Supply (12 v DC Unregulated, 500m A)	PS 3 (12V, 500mA)
Charger Power Supply (12 DC Regulated, 2A)	PS 5 (12V, 2A)

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