



PRS 345 POCSAG

COMPACT DIGITAL PAGING BASE STATION

FEATURES

- Designed in strict compliance with POCSAG transmission standard.
- Dual mode as standard POCSAG Transmitter or as POCSAG Repeater to enhance the paging coverage.
- Modular design for the flexibility in configuration and use.
- Full compliance with the requirements of professional communication systems, including systems with high load.
- Flexible configuration enables the integration of the PRS345 in any existing POCSAG paging network.
- Antenna switch supports the automatically switching the RX and TX paths for the special applications.
- Functional / optional and custom firmware updates without opening the device cabinet.
- Local and remote device web configuration.
- Fully compliant with Oelmann SIRIUS system.

TECHNICAL DATA

Frequency, MHz	- VHF 136-174 / 174-225 - UHF 320-380 / 400-470 / 450-520
Channel Spacing, kHz	12.5 / 20 / 25
Output Power, W	1 to 25 / 40*, 50Ω, programmable
Power Supply	230V AC, 12/24V DC*
Modulation	DFSK ±4kHz, POCSAG RPC No.1
Deviation	2.5% / 1kHz, 60% deviation
Message Format	POCSAG
Baud Rate	512 / 1200 / 2400
Dimensions, cm	48x13x38 / 3 HU 19" rack-mount
	48x15x27 / desktop cabinet
	60x34x47 / wall-mount cabinet*
Weight, kG, approx.	11 (no hardware options)

* by request

Specifications are subject to change without notice to improve reliability, function or design.

FACTS

- POCSAG standard RF transmission
- POCSAG on-air receiver and encoder, integrated
- IP / RS232 / USB data
- 8 discrete opto-inputs, configurable
- 8 discrete alarm relay outputs, configurable
- 1.25W output power, programmable
- 100% duty cycle at RF power up to 5W
- Professional VSWR tolerance
- N-type RF output connector
- Rack-mounted for installation in the existing 19" rack, desktop or wall-mounting cabinets.
- Mobile rack available by request.

OPTIONS HARDWARE

- Up to four ESPA In, configurable
- Up to four ESPA Out, configurable
- I/O Card for 8 opto-inputs monitoring / 8 OUT relay contacts.
- NT diversity power supply AC, 12, 24 VDC

OPTIONS SOFTWARE

- ESPA 4.4.4
- Operator software with databases for:
 - Pagers administration
 - Fleet grouping
 - Preprogrammed messages / alarms
 - Editable templates for manual entry of text message

STANDARD DELIVERY CONTENTS

- 1 x PRS341 BS
- 1 x AC Power cable

