



# NEN KIT

## THE COMPLETE AND ULTIMATE SOLUTION FOR THE SILENT WIRELESS ALARM SYSTEMS

### FEATURES

- Designed in strict compliance with POCSAG transmission standard
- Full compliance with the requirements of professional communication systems, including systems with high load
- I/O, RS232 and IP controlled
- Flexible configuration enables the integration of the kit in any existing POCSAG paging network
- Functional / optional and custom firmware updates without opening the device cabinet
- IP—web configuration / online operational monitoring
- Fully compliant with Oelmann SIRIUS IP system
- Backup power supply batteries
- NEN 2575 compliant

### TECHNICAL DATA

|                      |  |
|----------------------|--|
| Frequency, MHz       | - VHF 136—174 / 174—225<br>- UHF 320—380 / 400—470 / 450—520 |
| Channel Spacing, kHz | 12.5 / 20 / 25   |
| Output Power, W      | 1 to 4 / 25*, programmable                                   |
| Power Supply         | 100...240VAC, 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       | 62x30x16 (base station unit)                                 |
| Weight, kG, approx.  | 13,5 / 18 (without / with batteries)                         |

\* by request

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

### FACTS

- POCSAG VHF or UHF standard RF—transmission
- IP / RS232 / ESPA 4.4.4. / USB data
- 8 discrete opto—inputs, configurable
- 8 discrete alarm relay outputs, configurable
- 1.4W output power, 100% duty cycle, programmable
- Professional VSWR tolerance
- N—type RF output connector
- Wall—mounting base station unit cabinet
- Automatic relay for antenna failure, main power failure, opto—input status (configurable)

### DELIVERY CONTENTS

- Base Station unit
- Set of backup batteries
- LX7 Pagers with holsters
- LX7 Multicharger
- Fire Alarm button
- Antenna and RF—cable
- Connection instruction

### SOFTWARE OPTIONS

- ESPA I/O, up to 4 ports
- SIRIUS Software I/O

