

# VIPER LX8

Professional POCSAG pager



**more text, more sound, more safety**

- **Wide range receiver: e.g. 163 .. 174 MHz**
- **POCSAG address: 64 RICs  
16 user profiles**
- **Large display  
with programmable 24bit RGB back light**
- **MP3 announcements / alert pattern**
- **Active acknowledgement via GSM/GPRS**
- **Integrated GPS receiver**
- **Emergency Alert / lone worker**
- **Option: Update to TETRA pager**

Fire brigades, rescue personnel, service provider, logistics or people finding – whatever your application is, no need to compromise!

The new VIPER LX8 radio pager from Oelmann guarantees reliable operation, user-friendliness and operational ease.

Large full graphic LC-display for up to 240 characters per page with alerting controlled high power 24bit RGB back light.

Free programmable MP3 player integrated for individual announcements and alert pattern.

Progressive alerting system support: User acknowledgement (reply) and GPS positioning report via GSM/GPRS.

According to TR BOS (German POCSAG approval for public safety and rescue organisations)

Experience – customer proximity – Made in Germany

**Oelmann**  
Elektronik GmbH



## Features **VIPER LX8**

<b>Receiver</b>	2m-band(VHF) 143..151MHz, 151..159MHz, 159..167MHz, 163..174MHz 70cm-band(UHF) 431..437MHz, 442..446MHz, 446..452MHz, 452..456MHz, 456..460MHz, 460..470MHz Number of channels: up to four channels per user profile, 12,5/20/25kHz channel spacing Protocol POCSAG 512, 1200, 2400Baud Sensitivity body-worn: 2,5 / 3,2 / 4,0 µV/m (512 / 1200 / 2400 Baud)
<b>RIC addresses</b>	256 addresses (64 RICs with 4 sub-addresses each, frame independant, tone-only, numeric, alphanumeric) with programmable alias word (32 characters) and assigned alert sound pattern priority call: always loud audible alert, even in vibrator mode
<b>User profiles</b>	16 user profiles (user assigned RICs), up to four channels per user profile (scanning mode)
<b>Memory</b>	Up to 1024 characters per message, up to 128 non-volatile memories for storing incoming messages Example: 40 message slots with 1024 characters each Each message marked with time stamp (time / date)
<b>Alarm</b>	Free programmable MP3 player integrated for individual alarm tones / melodies / sequences / voice prompts, Vibrator alarm Alarm modes: loud, redundant (loud & vibration), discrete (vibration and synthetic beep), silent (vibration only) Up to 8 volume level Automatic LCD back lighting in case of incoming message, programmable 24bit RGB color Coverage control including alarm in case of losing contact to network Low voltage alarm
<b>Alarm replay</b>	Alarm replay: Full alarm like initial alarm or mini beep (synthetic) Reminder: Noticeable flashing of the LCD back light (text & back light)
<b>Display</b>	Large LCD-display (128x64dots, viewing area 54.6x32mm) Several selectable text sizes to enhance readability Up to 240 characters per display page Word wrap function to enhance readability 24bit RGB LED back light with programmable colors Battery capacity display
<b>User interface</b>	Illuminated keypad (night design) with fixed functions for ease of use Clear menu layout: all functions explained by text and icons Menu layout individual programmable (enable/disable of functions, menu items) All settings preserved in non-volatile memory Programmable key click, programmable key lock
<b>Clock</b>	Crystal controled real time clock with automatic switching of daylight saving time Adjustable alarm clock Time controlled power-on/off of pager
<b>Remote control</b>	Remote features via POCSAG: clock setting, switching user profile, define user profile, locking off the pager (when lost or stolen)  Remote features via GSM/GPRS (extract of possible features) GPS location report, Reprogramming pager parameter (RIC list for example), Firmware update
<b>Serial data interface</b>	All received messages are transferred to an auxiliary device (PC, printer, large sized display...) via serial data interface. The interface protocol can be adapted to the auxiliary device, individually.
<b>PIN code</b>	Save to unauthorized use
<b>Password</b>	Save to unauthorized attempt to reprogram/readout of pager data, preset to factory defaults
<b>Encryption (option)</b>	POCSAG air interface encryption (128bit)
<b>GPS receiver (option)</b>	Integrated GPS receiver for position reporting via GSM/GPRS
<b>GSM module (option)</b>	Integrated GSM/GPRS module (quad band) for receiving alert messages, reply (user acknowledgement), emergency alert, ...
<b>Technical data</b>	Firmware flash able in standard programmer Power supply: Li-Ion 3,7V (780mAh or 2200mAh) Mini-USB connector to recharge Operational temperature range : -10 .. 55°C Degree of protection: IP54 Dimension (L/W/H): approx. 92/57/24mm
<b>TR BOS approval</b>	DME II 36/10 (German POCSAG approval for public safety and rescue organisations)

## Accessories

<b>Desktop charger</b>	Desktop charger with antenna connector and switching contact (relay)
<b>Antenna</b>	external antenna for desktop charger
<b>Programming kit</b>	Desktop programming kit or USB programming kit with USB cable and software
<b>Clip</b>	removable belt clip
<b>Case</b>	Leather case