



Oelmann LX8 Pager GPS Pocsag Monitor User Guide

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LX8 UHF with Alarm top button



LX8 UHF



LX8 VHF

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SAFETY INFORMATION

Li-ion battery

- Do not short circuit the contacts.
- Do not disassemble, do not damage.
- Do not expose to high temperatures (>60°C).
- May explode if disposed of in the fire.
- Must be disposed of properly.

Important notes for the LX8 with GSM or Wi-Fi Module

- Caution: being in the transmitting state, the device produces strong electromagnetic radiation. Electro-magnetic fields are suspected of being harmful to human health.
- When using the pager and a medical device (e.g. pacemaker or hearing aid) at the same time, have a distance between them as large as possible. In the case of a pacemaker, the pager should be belt-worn, not pocket-worn. Whenever the medical device is affected by the pager, turn the pager off at once.
- Prior to any usage of the pager inside a vehicle, the safety instructions of the vehicle have to be checked. Never operate the pager while driving a vehicle.

IMPORTANT INFORMATION

The pager is to be used by a variety of different users, such as Community First Responders (CFRs), Fire and Ambulance services and utilities, or other organizations that require a paging solution. The intended use of this product is to receive important messages. Any other use does not comply with the intended use. Misuse may constitute risks to persons or pager.

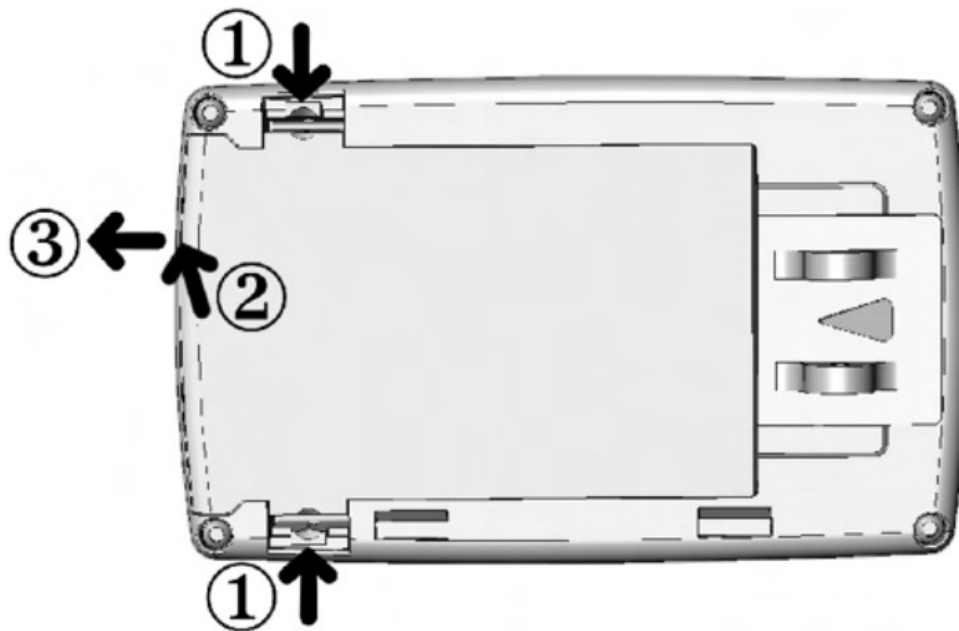
- Make sure to read safety information.
- Switch off the transmitter and do not send messages in mobile phone-free areas.
- Do not disassemble the pager (invalidates warranty).
- Use original charge cable/desk charger only.

- Keep batteries away from little children.
- The pager must not be subject to the influence of strong magnetic fields, e.g. loudspeakers, TV sets, etc.
- Keep the pager away from direct sunlight.
- The pager is not suitable to be used within explosive areas.

BATTERY OPERATIONS

Removing the battery

Unlock the battery door with the thumb and forefinger (1), lift (2) and remove the battery cover (3).



Attaching the battery

Relocate the battery door and use your thumb and forefinger to click the battery door clips securely into place.

IMPORTANT NOTE: PLEASE DO NOT REMOVE THE BATTERY UNTIL THE PAGER IS COMPLETELY POWERED OFF.

Charge battery

Remove the rubber charging port cover and connect the charger cable to the pager.

Charging will automatically stop when the battery is completely charged — the battery icon will be full (in the status line).

Carefully remove the charger cable and replace the rubber charging port cover.

If you use a desk charger keep charging pads clean. If you need to store the chargeable battery for a long time do it in a half-charged state (not completely discharged or charged).

Initial battery charge

Please ensure that you charge a new battery for 6 hours before general use, this will ensure the new battery is fully charged.

Factory-new batteries reach their maximum possible capacity after several cycles of charge and discharge, only.

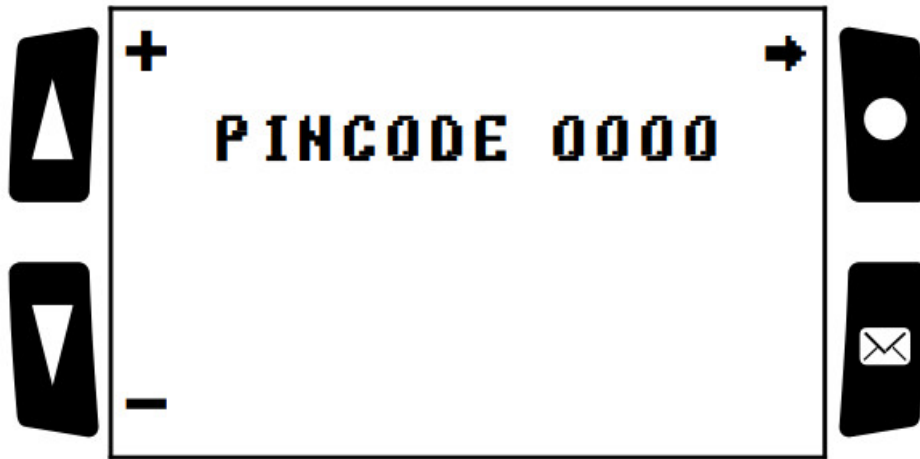
TURN PAGER ON

Press and hold the lower right button to turn the pager on.

NOTE: THE PAGER TURNS ON AUTOMATICALLY AFTER INSERTING THE BATTERY.

PIN coded

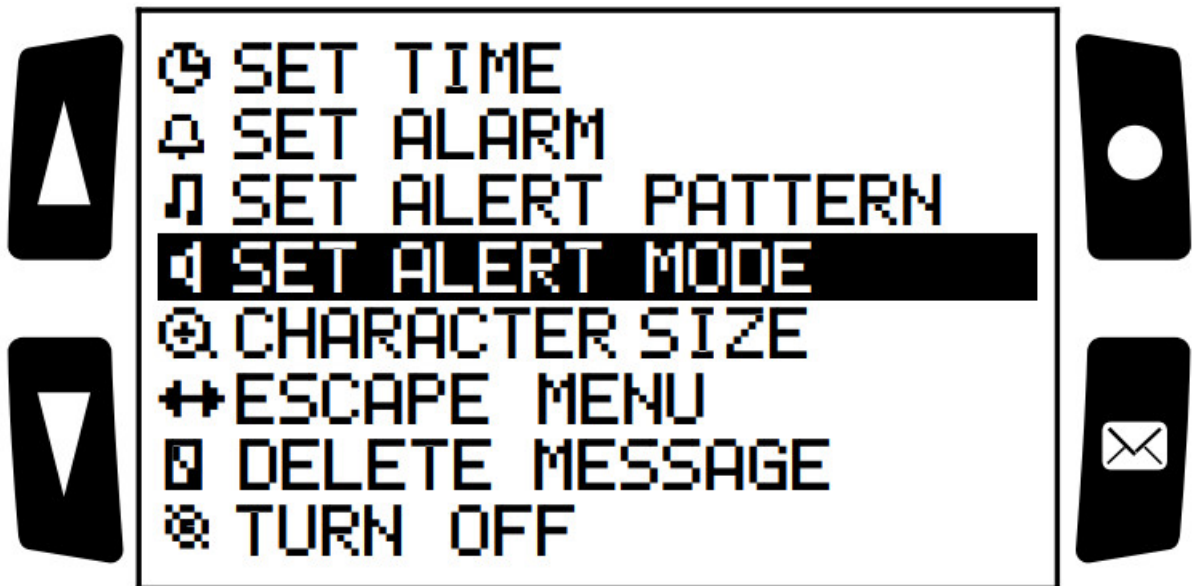
If the pager is protected against unauthorized operation, then the PIN code has to be keyed in, only after the battery was inserted.



- ▲ Increment value
- ▼ Decrement value
- Next position / Confirm PIN code

FUNCTION MENU

Press the top right button to open the function menu.

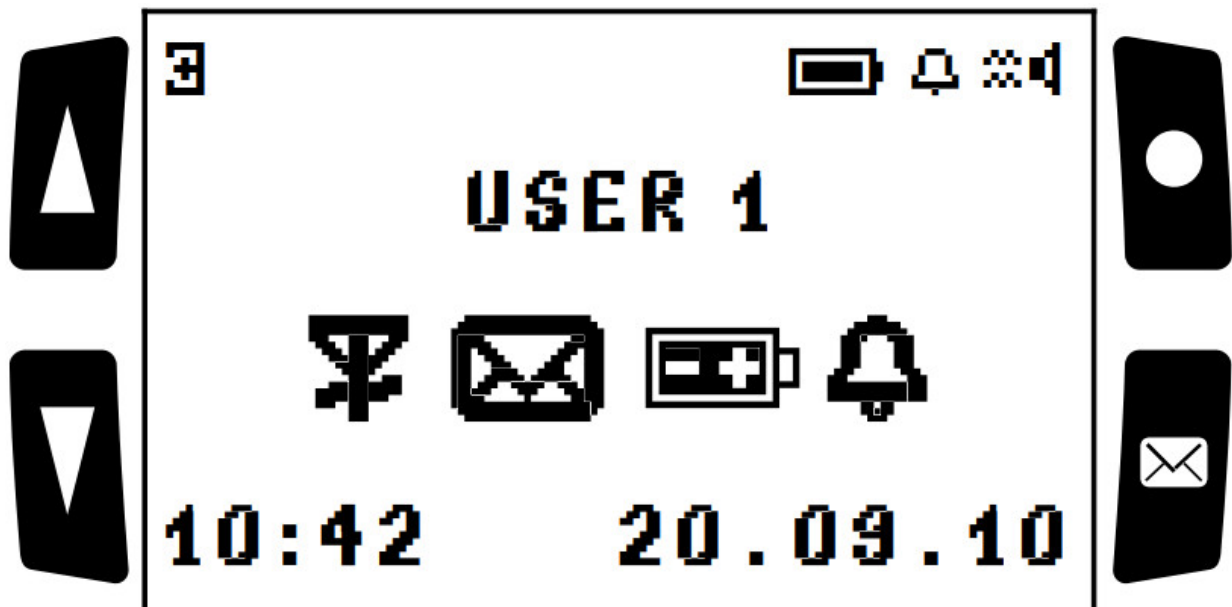


- ▲ Up
- ▼ Down
- Select function
- ✉ Escape from the function menu

NOTE: ANY OF THE FUNCTIONS MAY HAVE BEEN DISABLED DURING PROGRAMMING SO THAT IT IS NOT VISIBLE IN A MENU AND NOT AVAILABLE TO CHOOSE FROM ON THE PAGER.

STANDBY SCREEN

The pager returns to the standby screen then it is no operation with the buttons. A screen saver display mode will start if there are no new messages or warnings.



Display elements

Top of the display: Status line (described below)

USER 1 Current user profile, flashes in case of a new message



"No Service" warning



New message received



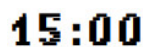
Battery status: O.K. / Warning: Battery low



In charger



Alarm time reached



Real-time flashes on alarm time



Time set unable indicator

Controls

Right buttons > Open message memory

Top right button:

- Short pressing: Open the function menu.
- Long pressing: Emergency status message (GSM or Wi-Fi option).

Lower left button:

- Short pressing: Open message memory.
- Long pressing: Key lock/status screen/backlighting.

NOTE: PRESS AND HOLD THE READ LOWER-LEFT BUTTON TO OPEN THE PAGER STATUS SCREEN FOR A FEW SECONDS.

KEY LOCK

Press and hold the lower left button and then press the function top left button to enable or disable the key lock function.

In case of an alert, the key lock function will be disabled automatically.

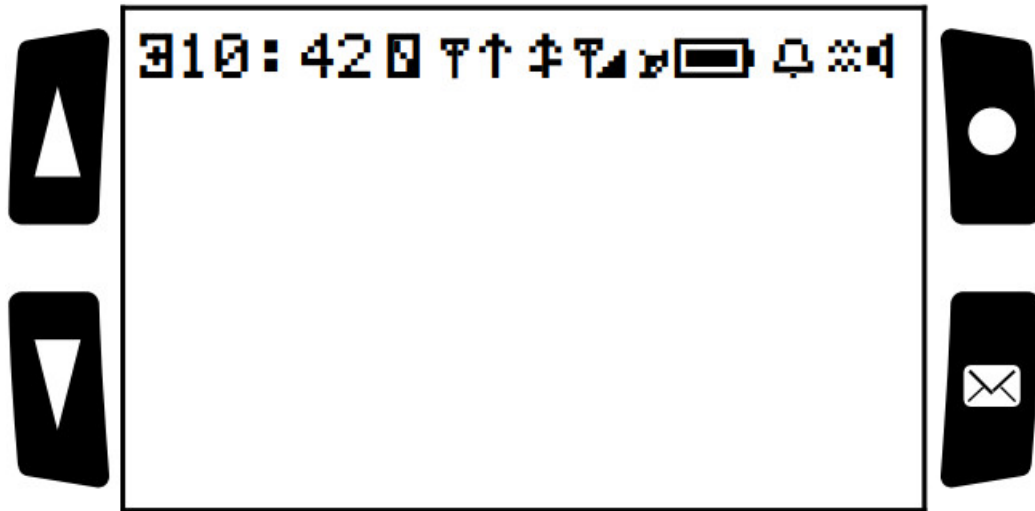
BACKLIGHT

Press and hold the lower left button to switch the on or off button and display the backlight. In case of the backlight is switched on then the display backlight will switch off automatically on the standby screen and switch on again on any operation.

STATUS LINE

The status line is displayed on the standby screen and on the message memory screen. The status line shows the

current pager status and operational warnings.



Private time (auto on / off) enabled



128bit encryption enabled

10:42 Message memory: real-time/flashs on alarm time



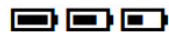
“Out of range” warning



GSM module switched on/flashs if sending a message



GPS receiver switched on flashs in case of unknown position



Battery status runs in case of charging



“Battery low” warning



Alarm enabled/flashs on alarm time



Vibration enabled Audible alert enabled



No Wi-Fi network found



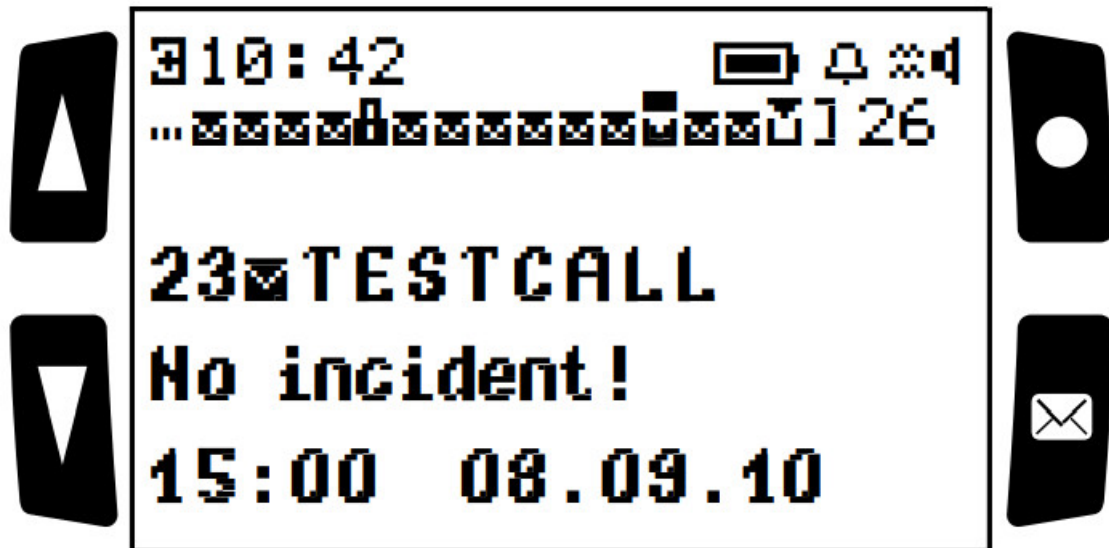
Wi-Fi network found and pager is registered

OUT-OF-RANGE ALERT

If the pager is out of range the status line will show a warning icon and start an “out of range” alert. The out-of-range alert can be disabled in the function menu.

MESSAGES IN MEMORY

Messages stored in the memory are shown in rows under the status line. One icon for each message. New message icons are flashing.



▲ Set cursor to the last message

▼ Set cursor to next message

● Short pressing: Open the function menu.

Long pressing: Emergency status message (GSM / Wi-Fi option)

✉ Read message (scroll with up /down buttons if it is longer than fits on one display)

"/ [:More messages/bottom of memory

] / " Top of memory / more messages

🚨 Alert message

🔒 Locked alert message

ℹ Information message

👉 Cursor on the alert message

🔒👉 Cursor on the locked alert message

ℹ👉 Cursor on information message

26 Message counter

Preview message text from the selected memory slot

23 Memory slot number

🚨 / 🔒 / ℹ Message type: alert / locked / information

TESTCALL Source prompt

No incident! Received message text

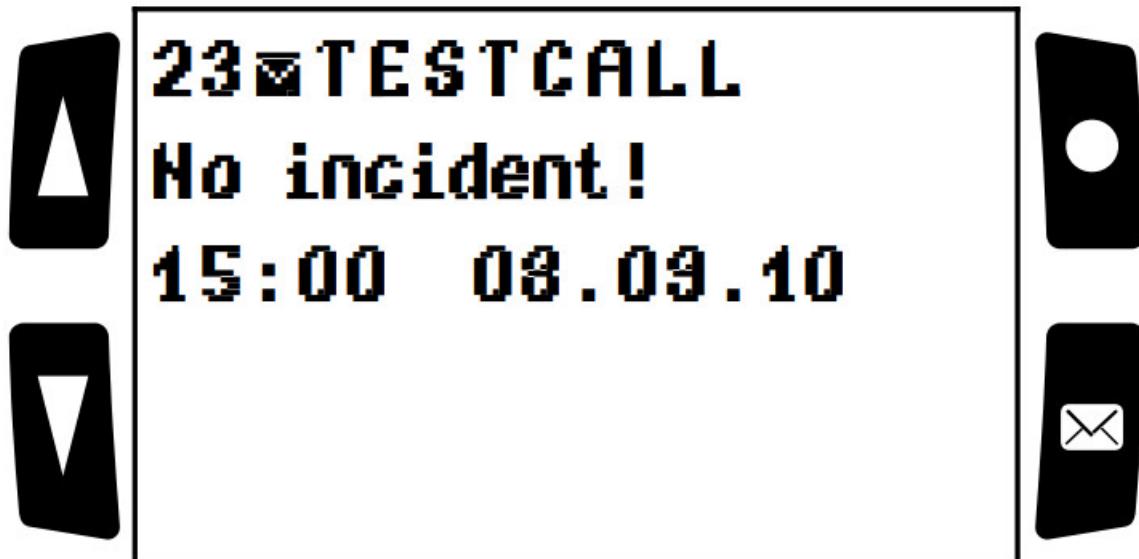
15:00 Received message time

A new message is displayed in signal color backlighting until the message text was read (and a reply was sent).

If the alert is not recognized (no button pressed) there will be a repetition in regular intervals.

READ MESSAGE

A new message will be displayed with a color backlight until the message is read (and the reply is sent in case of the GSM / Wi-Fi option).



▲ Read the last message

▼ Read the next message

● Short pressing: Open the function menu.

Long pressing: Emergency status message (GSM / Wi-Fi option)

✉ ↓ Read the next page of the message (scroll with up /down buttons if it is longer than fits on one display).
Escape function menu.

23 Memory slot number

✉ / 🔒 / ⓘ Message type: alert / locked / information

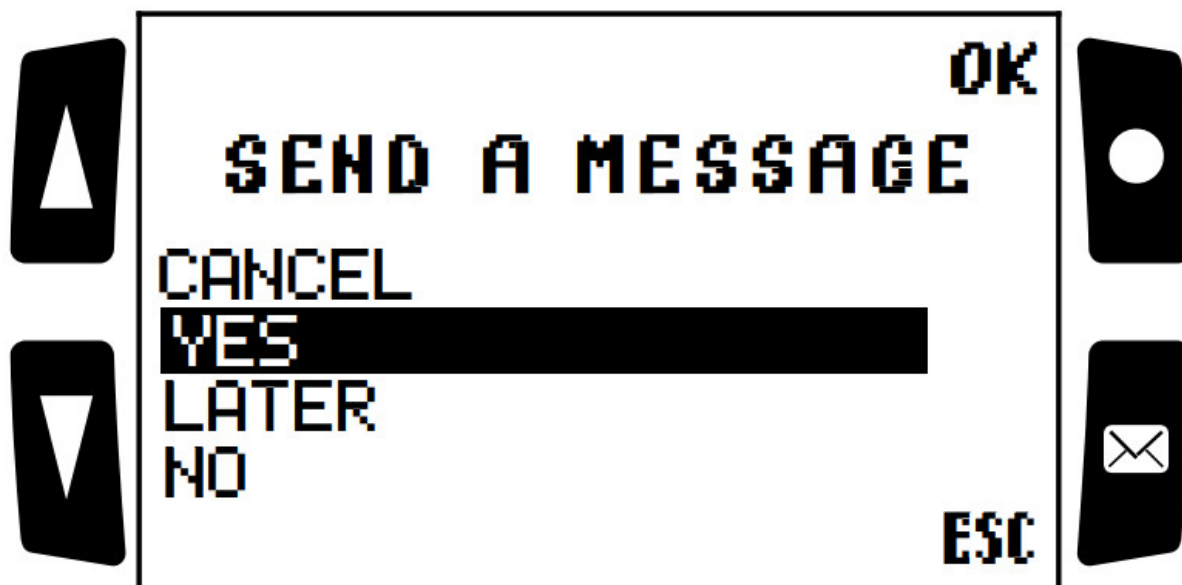
TESTCALL Source prompt

No inci Received message text/error in data received

15:00 Received message time

SEND REPLY / STATUS MESSAGE

Sending a message after alert (reply) or from the function menu (status message) is for the pager with feedback option GSM or Wi-Fi.



▲ ↑

▼ ↓ Select a message to send

● OK Send the selected message

✉ Escape function menu

YES

LATER Selectable reply/status message

NO

CANCEL Send no message

CLOCK/ALARM

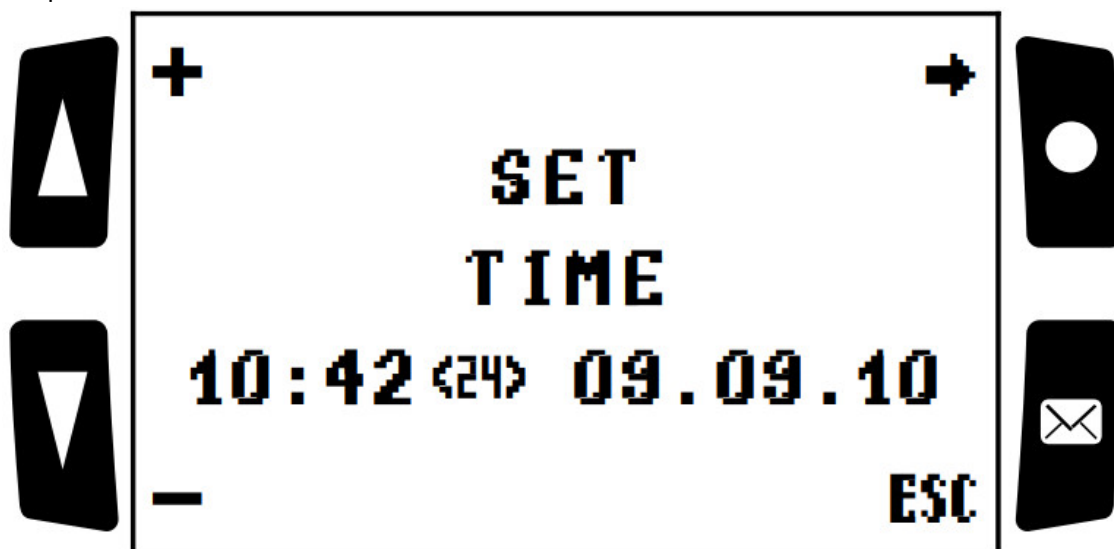
Set time



▼ ↓ Change value



● **OK** Next position



Confirm real time



Last position ESC

ESC

Escape function menu

<24> 24 h mode: 0:00 – 23:59

AM / PM 12 h mode: 0:00AM – 11:59 PM

Set alarm time

Set a daily alarm.



▼ ↓ Change value



● **OK** Next position

OK

Confirm alarm time

Last position



Escape function menu



Alarm Off



Alarm On

ALERT PATTERN / ALERT MODE AND VOLUME

Alert pattern



▼ ▲ Change alert pattern

● OK Confirm alert pattern

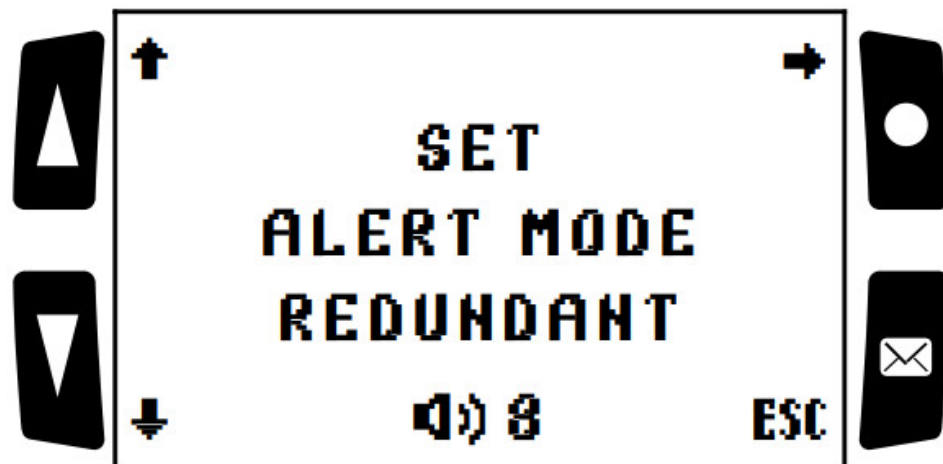
✉ ESC Escape function menu

🔔 Preprogrammed pattern

🔔 Original pager patter

1...16 Manual selectable pattern (1...16)

Alert mode and volume



▼ ▲ Change value

● ➡ Next position

OK Confirm alarm time

✉ ⬅ Last position

ESC Escape function menu

REDUNDANT Audible alert with vibration

LOUD Audible alert without Vibration

GENTLE Starts with vibration or low volume

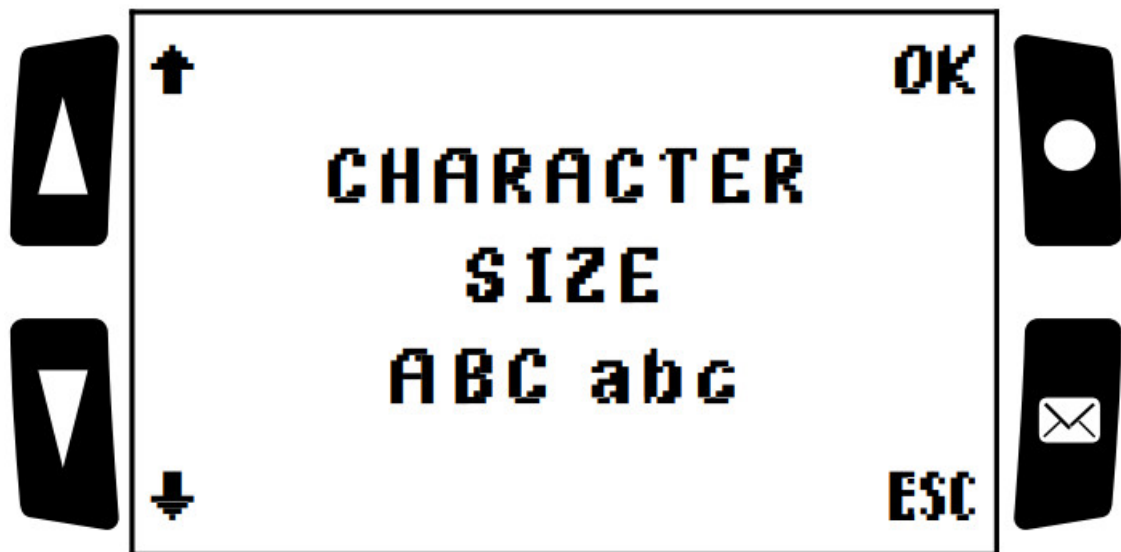
SILENT Vibration only

🔊 1..8 Volume level (1...8)



CHARACTER SIZE

Four character sizes / widths are selectable.



- ▲ ↑
- ▼ ↓ Change the size
- OK Confirm character size
- ✉ ESC Escape function menu
- A B C Large characters, fixed-width
- ABC Large characters, variable width
- A B C Small characters, fixed-width
- ABC Small characters, variable width

USER PROFILES

There are up to 16 profiles possible. Each profile contains different groups of cap codes (POCSAG radio identity code).



- ▲ ↑
- ▼ ↓ Change user profile 4
- OK Confirm user profile



ESE Escape function menu

USER 1 Name of the selected profile

DELETE MESSAGE / MEMORY

Messages that have been read and that are unlocked can be deleted.



▼ ↓ Escape function menu



OK Delete message/memory



ESC Escape function menu

LOCK MESSAGE

A message can be locked in the function menu.

Locked messages are not being replaced when the memory is full.

Locked messages are not being deleted in the function menu.

SEND MESSAGE TO COMPUTER

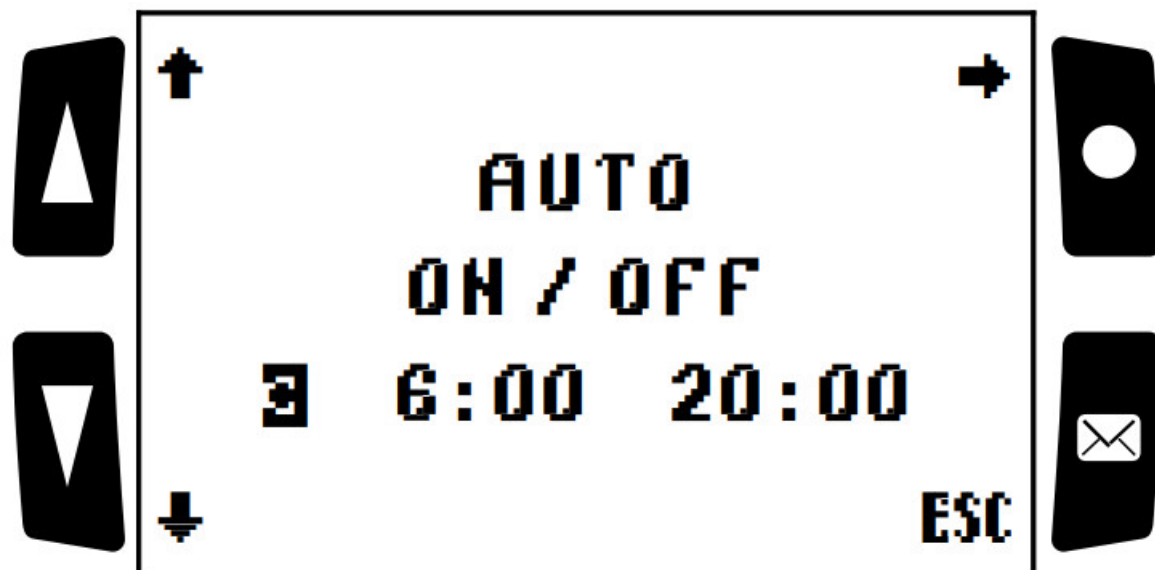
Messages can be sent to computers or other devices (printer, large size display, ...) via a data cradle (adapter with serial data interface).

“Manual sending” in the function menu.

SET PRIVATE TIME

This feature allows the user to control when the pager is operational during the day.

A single start and end time can be set by the user.



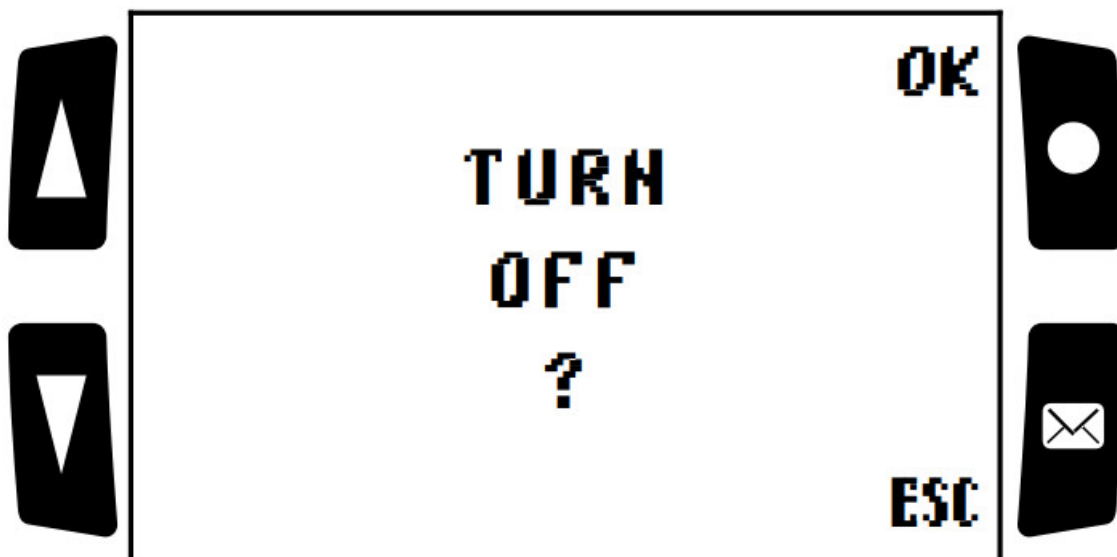
- ▲ ↑/+
- ▼ +/- Change value
- → Next position
- OK Confirm alarm time
- ✉ ← Last position
- ESC Escape function menu
- Private time disabled

Private time enabled

6:00 Turn on time

20:00 Turn off time

TURN PAGER OFF



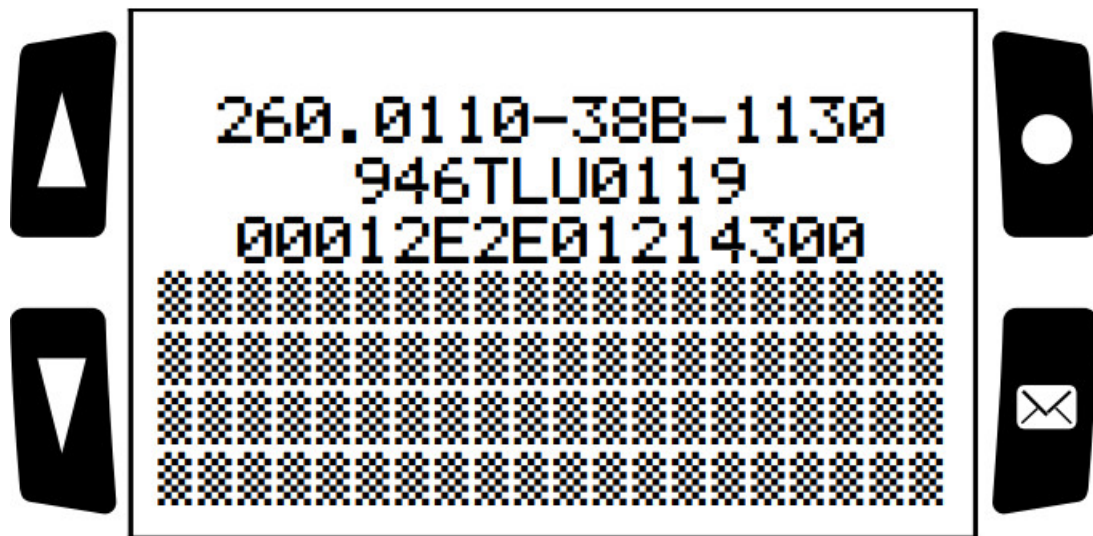
- ▲ ↑
- ▼ ↓ Escape function menu
- OK Turn the pager off
- ✉ ESC Escape function menu

IMPORTANT NOTE: PLEASE DO NOT REMOVE THE BATTERY UNTIL THE PAGER IS COMPLETELY POWERED OFF.

CONTRAST (SERVICE MENU)

To adjust display contrast please turn the pager off.

Turn the pager into service mode by the pressing following buttons ▼ ▲ ● ▼ in sequence.



▲ Lower contrast

▼ Higher contrast

✉ Next service menu step/leave service menu

PAGER DISABLED

In case the pager displays **PAGER DISABLED** it cannot receive messages any longer because the battery is low, the pager is damaged or the rescue coordination center disabled the pager.

PROGRAMMING PAGER

The pager can be adapted individually to your needs by programming. Any function may have been disabled during programming so that it is not available on the pager. Programming is done via computer and programming kit (adapter and programming software).

EMERGENCY STATUS MESSAGE GSM

GSM OR Wi-Fi option.

Press and hold the “function” button ● starts the emergency countdown. While the countdown runs the emergency status message is canceled by pressing the “read” button ✉ Otherwise the emergency status message will send after the countdown.

MAINTENANCE

- Check battery, regularly.
- Clean the pager as required using a moist cloth.
- Under no circumstances must strong solutions such as methylated spirits, petrol, or nail varnish remover be used.
- Do not use running water for cleaning.

ACCESSORY

- Leather or nylon case.
- Desktop charger with an antenna connector and alert relay.
- Programming kit.

TECHNICAL DATA

Battery	3.7V Li-Ion
Temperature range	-10...+55°C (operation) / -40...+80°C (storage without battery)
Degree of protection	IP54
Frequency range	VHF or UHF refers to a particular pager label
Number of channels	1 or up to 4 in scanning mode
Radio protocol	POCSAG 512 / 1200 / 2400 Baud
Encryption (optional)	128 bit / 8 keys with keys changing over the air
Reply (optional)	GSM / Wi-Fi

SERVICE / REPAIR

The parties offering repair and maintenance facilities:

Manufacturer-Dealer

OELMANN ELEKTRONIK GMBH

Rathenaustrasse 2-6

31832 Springe, Germany


Phone +49 5041 64884-0

FAX +49 5041 64884-190

oelmann-elektronik.com

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Documents / Resources

	<p>Oelmann LX8 Pager GPS Pocsag Monitor [pdf] User Guide LX8 Pager GPS Pocsag Monitor, LX8, Pager GPS Pocsag Monitor</p>
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References

-  [Oelmann Elektronik GmbH](#)
-  [Oelmann Elektronik GmbH](#)