



2N[®] Lift8

Communicator for lifts



Brief manual

Version

1.0.0

www.2n.cz

Components of Lift8 system



Warning

- The components of the Lift8 system cannot be used outside this system.
- Audio units cannot be connected separately **without the central unit and splitter!**

Object No., name	Description
918600	2N [®] Lift8 central unit, with no interface
918600E	2N [®] Lift8 central unit, with no interface
918610E	2N [®] Lift8 cabin audio unit
918610XE	2N [®] Lift8 cabin audio unit, cable version
918611E	2N [®] Lift8 machine room audio unit
918612E	2N [®] Lift8 shaft audio unit
918615E	2N [®] Lift8 compact cabin audio unit
918620E	2N [®] Lift8 Splitter
918621E	2N [®] Lift8 I/O module
918650E	2N [®] Lift8 GSM module
918651E	2N [®] Lift8 UMTS module
918652E	2N [®] Lift8 PSTN module
918653E	2N [®] Lift8 VoIP module
918654E	2N [®] Lift8 series module
918700E	2N [®] Lift8 SW package

Operating instructions

DTMF symbol:	DESCRIPTION OF FUNCTION:
1	Confirmation according to which 2N[®] Lift8 (referred to hereinafter as " L8 ") knows that a call has been successful. L8 silences the announcement being played and sends its confirmation signal, the call continues until the limit expires, and one of the following commands can be used.
2	Silencing of announcement being played.
3	New playing of audio unit identification, for 1 repetition of message.
4	Extended call: the call is extended by 120 seconds (the value can be changed using the 912 parameter). Can be used repeatedly.
5 or #	Termination of call.

Overview of announcements

Announcement (Czech)	Meaning of announcement
This is an emergency call, press 1 to confirm.	Announcement for confirmation of emergency connection
Please wait, I am making the connection	Announcement from audio units when an emergency call is being put through
The connection has been confirmed	Announcement for confirmation of DTMF 1 connection
Your call will be terminated, to extend it press 4	The announcement is played 20 seconds before the termination of the call, which can be extended by 120 seconds (the value can be changed using the 912 parameter)
End of call	Announcement of end of call.
Communicator number ... is calling	Identification (if parameter 974 is configured).
This is a control call, press 1 to confirm	Differentiation of control call.
The rescue process has been completed	Confirmation of end of signalling of state of emergency.

Important warnings



Warnings

- Before every removal of the upper cover of the **CU** pull the mains plug out of the socket! The live parts inside the **CU** have no contact protection, and the voltage is deadly!
- The **CU** must not be used without proper earthing! Before putting it into operation, check the earthing of the mains socket from which you want to power the central unit.
- Do not operate the **CU** without the top cover or without earthing of the cover via an earthing wire with a FASTON connector!
- The **CU** must not be used if the intake power cable is damaged! Only the manufacturer or a qualified electrician may replace the power cable. After the replacement of the cable check whether a compression band is installed on it to prevent the cable being pulled out of the terminals when it is subject to mechanical stress.
- If you replace the mains cable with a fixed mains power cable, in the power circuit do not forget to include a circuit breaker which you can use to switch off the mains power to the **CU** if needs be. In the case of permanent connection of the equipment, a suitable disconnection device must be ensured as part of the electrical fittings in the building.



Warnings

- In no case connect an AC source or unbalanced DC source. The CU could be damaged.
- The connection of the audio unit to a different conductor, for example to a higher voltage, will result in its damage or destruction.
- Maintain polarity when connecting the audio unit, otherwise the audio unit will not work.
- Non-adherence to these instructions could result in damage to the product.



Safety

- The bus is electrically separated from the circuits of the telephone line in accordance with the requirements of EN60950 and has only low voltage which cannot cause an electric shock injury.



Warning (module PSTN)

- Only one CU may be connected to one telephone line, and no other end telephone equipment may be connected to it.
- Neither is it possible to use a product which the telephone line goes through, i.e. a priority connection (for example electronic burglar alarm).
- It is not possible to use an extension or party line.
- It is not possible to use telephone "adaptors", not even smart ones.
- In no case connect the product to an ISDN line.



Warning (rechargeable battery)

- Never leave the rechargeable battery flat for a needlessly long period.
- If the battery is completely flat, recharge it as soon as possible.

Programming:

Before you start programming

- Use the prepared form, which is also a clear table of basic functions, and fill in all the values you want to change.
- If the **L8** is not brand new, make sure that you have the correct servicing password, and if you are not completely sure how the **L8** is programmed, always use full initialisation (Attention: The servicing password is also initialised!).
- The **L8** can be programmed in 3 ways: remotely by telephone (using the telephone number), using the machine room audio unit, and or using the service tool program (connection via USB or using an IP address).

Entry to programming mode

You can enter the programming mode during an incoming connection (calling the **L8**'s number) or using the machine room audio unit (by pressing

Using the voice menu you get through to programming (For administration press 9 -> For entry to the programming menu press 1).

You are called upon to enter the servicing password in the format **servicing password**

If the entered password is correct, **L8** announces:

"You have entered the programming menu, select the parameter"

The factory setting of the password is 12345, and we recommend that you enter a different password so that your equipment is protected from other people.

Actual programming

As soon as you have entered the programming mode, you can change any programmable value or several values, and you can do so in any order. The procedure is simple – first the number of the function is entered, then its value. An asterisk serves as a separator or "enter". So in general terms the function has the following format:

number of function value

The number of the function has three digits (see table). After entering this number and the asterisk, **L8** announces the number of this parameter, its current value and possible range. After entering the value and the second asterisk, **L8** announces "The new value has been saved" or "Invalid value, the new value has not been saved" if the value falls outside the permitted range.

For control purposes **L8** reads out the number of the parameter and the newly configured value.

Error during programming

- If you make an error when entering the number (either for the number of the function or the value), and you realise this before you press the asterisk, you can cancel the entire number by pressing the **#** symbol and enter it again.
- If **L8** rejects the selected number of the parameter or specified value, it is possible to continue programming – the number of the function must be entered again even if only the value was incorrect.
- If you program a value other than the one you wanted, and the value is saved, you can naturally enter the correct number again.

End of programming

- If you call the **L8** via a telephone number. End programming by hanging up.
- If you are programming via the machine room audio unit, by pressing **#** (longer than 2 seconds) you end programming and put the audio unit on standby.
- If you only want to go back one menu, press **#**.

Cooperating 2N[®] applications

2N[®] Service tool

The application is intended for remote supervision and configuration of 2N[®] Lift8 communicators.

2N[®] Control panel

The application is intended for the administration of users, lifts and authorisations.

2N[®] Communicator

The application is intended for the receipt of emergency calls by a dispatcher.

2N[®] Server

The application processes the control calls and mediates communication between the central units and PC applications.

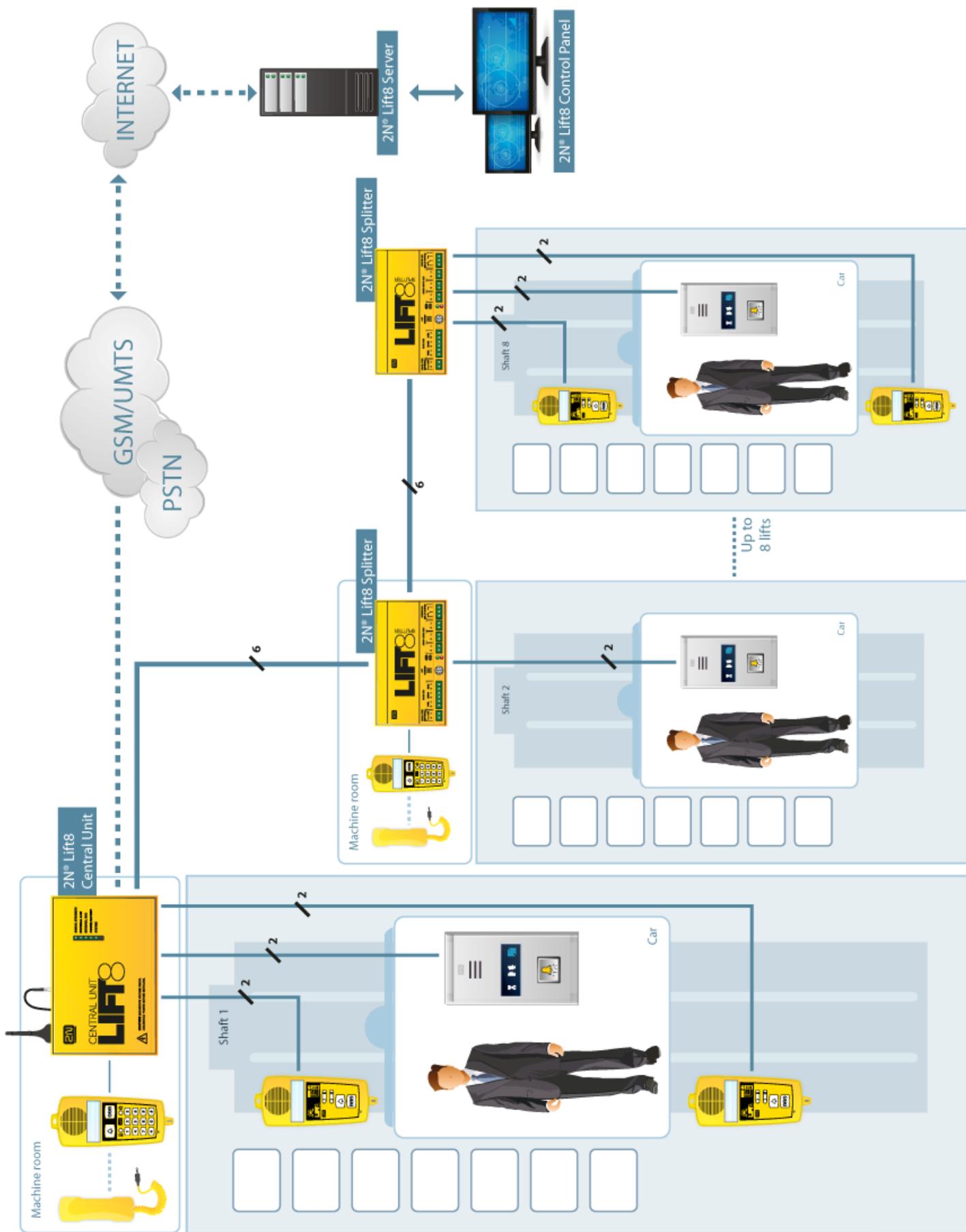
Technical parameters

Range of operating temperatures	0-40°C
Power supply	100-240V; 50/60Hz; 0.75A; 60W max.
Built-in rechargeable battery	2 x lead rechargeable battery 12V, 1.3Ah
Output of lift blocking	relay, max. load 30V, 0.5A AC or DC
Dimensions	300 x 170 x 72mm
Weight	2.7kg

The communication equipment does not contain any components harmful to the environment. When this product is eventually retired, dispose of it in compliance with valid laws.

Communication equipment – short programming form

Number and name of function	Range of values	Value after initialisation	Value programmed by you	Notes, explanations
011 - 016 memory No 1-6 Alarm button (set 1) ALARM button on cabin audio unit	max. 16 digits	empty		<ul style="list-style-type: none"> The memory can be deleted by entering "number of zero length", for example 0 1 1 * * the insertion of the symbols *, # and between digits, spaces are inserted subsequently using the function 017,027,077
021 - 026 memory No 1-6 Alarm (set 2) for calls from other types of audio units, or button 2 on cabin audio unit	max. 16 digits	empty		
071 - 076 memory No. 1-6 for control calls	max. 16 digits	empty		
017 – for Alarm (set 1) 027 – for Alarm (set 2) 077 – for control calls insertion of special character *, # and "pause"	<p style="text-align: center;">Entering format:</p> <p style="text-align: center;"> Button number: 01,02,07 XX7 XXXX </p> <p style="text-align: center;"> 1 = * 2 = # 3 = space </p> <p style="text-align: center;"> Button memory number, 1 – 6 </p> <p style="text-align: center;"> Character position, 01 - 16 </p> <p style="text-align: center;"><i>Note: The digits behind this position are shifted automatically.</i></p>			
018, 028 – number of cycles of automatic dialling for ALARM (set 1 or set 2)	0 – 9	3 cycles		0 = automatic dialling banned (only 1x first number dialled)
111-116 Type of confirmation for memory 1-6 calls ALARM set 1 121-126 Type of confirmation for memory 1-6 calls ALARM set 2 171-176 Type of confirmation for memory 1-6 of control call	1-5	1		1 = With confirmation DTMF (1) 2 = confirmation by picking up (guaranteed GSM/UMTS/according to ring-back for PSTN) 3 = CPC 4 = P100 5 = auto detection of DTMF protocol (CPC/P100)
974 – Identification of Lift	16 digits	-		Allows identification of lift
981 – control call	0= switched off 1 = switched on	0		for parameter 981 it is possible to enter: 0 = switched off 1 = switched on, first call in 3 minutes and then according to par 983 2 = switched on, first call in 2 hours and then according to par 983 3 = switched on, call according to parameter 983 4 = switched on, calls on next day configured in parameter 986 5 = switched on, first call in 3 minutes and then according to par 983
991 – servicing password	max. 16 digits	12345		8
992 – password for rescue	max. 16 digits	-		





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