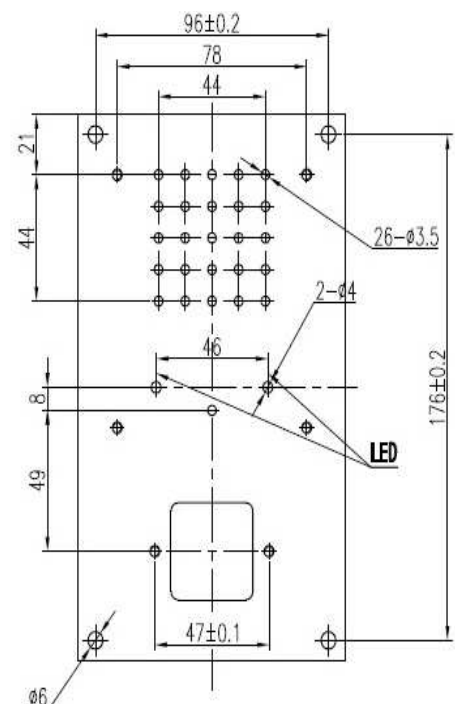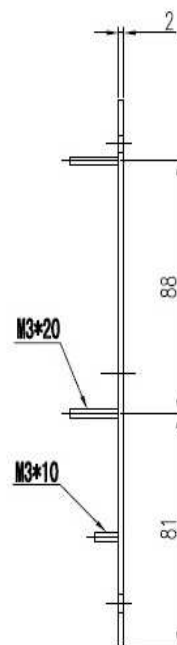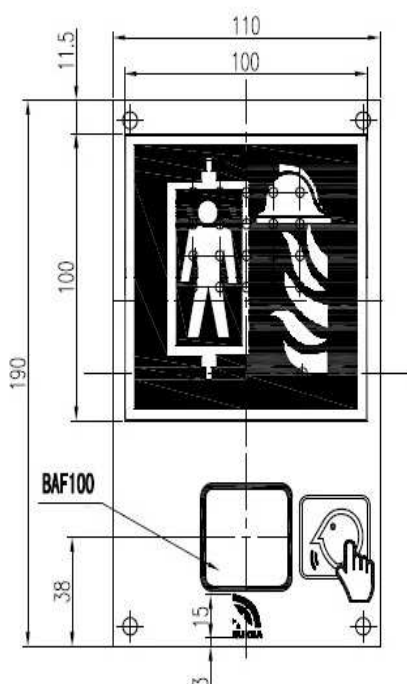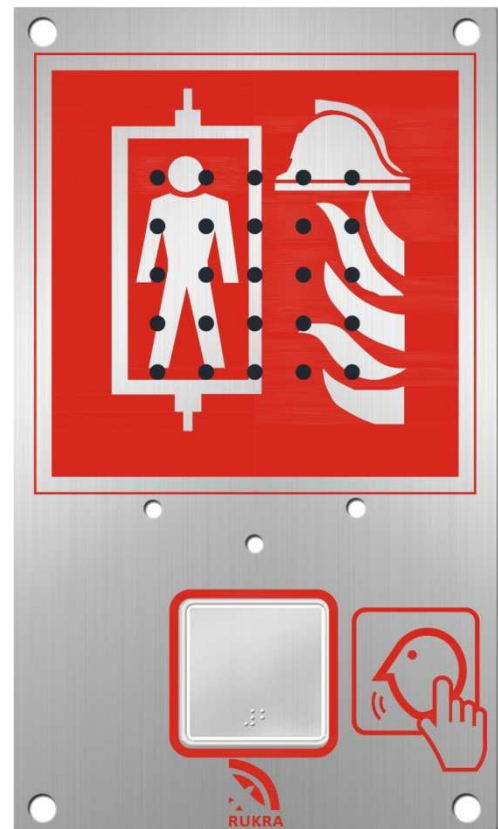## GENERAL

The RUKRA Fire Intercom is a turnkey solution including the Elevator phone in the elevator cabin.

Using the RUKRA fireman Phone switch an existing RUKRA Elevator phone can also be expanded with a fireman intercom. The fireman intercom comes standard with a flush mount floor panel with fire icons and the option of a separate fire switch.

The fireman Phone switch provides the speak and listening connection between the people in the elevator cabin, the fireman intercom on the fireman floor and in the engine room.

The fireman Phone switch is in the engine room (closet) and must be equipped with 12/24 VDC (with emergency battery), from the fireman Phone switch two wires go to the RUKRA elevator phone in the cabin, two wires to the RUKRA Fireman Phone on the fireman floor and 2 wires to the phone in the machine room (closet).

The RUKRA Elevator Phone in the cabin is in normal state (fire circuit is inactive) then it is simply used as an Elevator Phone, (even if the power is missing from the fire Phone switch). Once the fire switch on the fireman floor is activated, the RUKRA elevator Phone in the cabin and the RUKRA Fireman Phone on the fireman floor directly make contact with each other. When the phone in the machine room (closet) will be picked up it is also added to the call conversation. This process is fully automatically.

Read this manual carefully before you start the installation or programming

PROGRAMMING

If the fire Phone switch, the RUKRA Elevator Phones and the RUKRA Fireman Phone are not already programmed, program the following parameters:

RUKRA Elevator Phone in the cabin:

Parameter	Description	Setting by PC	Setting by Phone
42	Prolong the call	*	*
43	Code to end the call	44	44
45	Activate parallel mode	√	1
46	Multiple number of the elevatorphone	1	1
4 *	Time detection to select call	2.0	20
51	Maximum call duration	- -	#
71	Volume speaker	10	10 tot 16
72	Sensitivity microphone	10	10

RUKRA fireman Phone behind the fireman panel :

Parameter	Description	Setting by PC	Setting by Phone
33	Alarm button in cabin N.C.	On	1
42	Prolong the call	*	*
43	Code to end the call	44	44
45	Activate parallel mode	OFF	0
51	Maximum call duration	- -	#
53	Time of press pushbutton in cabin	0,5	00
57	Time till confirmation call	99	99
65	Hotline	√	1
71	Volume speaker	10	10
			of 16
72	Sensitivity microphone	2	02 10

Parameter 05, 06 en 31 must be OFF and no any phone numbers programmed.
Call confirmations must be OFF

Fireman Phone switch:

The fireman Phone switch can only be programmed by the computer with a special cable, download the parameters from the RUKRA fireman phone behind the fireman panel, upload these to the fireman Phone switch and change only next parameters:

Parameter	Description	Setting by PC	Setting by Phone
45	Activate parallel mode	√	Impossible
46	Multiple number of the Elevatorphone	1	Impossible
4 *	Time detection to select call	3.0	Impossible

CONNECTIONS

RUKRA Elevator Phone in the cabin:

Install the RUKRA Elevator Phone en connect it according the normal manual for the Elevatorphone and program the parameters like it is explained on page 2 if it is an expansion on the installation.

RUKRA Fireman Phone on the fireman floor:

Install the RUKRA Fireman Phone behind the fireman's panel, make sure the microphone and speaker are well behind the hole pattern and also the yellow and green LEDs are visible.
The only thing that must be connected is the telephone line from the fire phone switch, 1 wire of the telephone line has to be interrupted by the connected external fire switch on the floor.

Fireman Phone switch:

Install the fireman Phone switch in the engine room (closet) in a sheltered spot where he after installing and programming is only accessible to authorized personnel for any programming. To the fireman Phone switch a programming cable can be mounted for the PC connection.
The fireman Phone switch must be connected to a power supply of 12 / 24VDC (not polarity sensitive) with a backup battery (RUKRA emergency power RK-5004).
Connect the RUKRA elevator telephone in the elevator cabin and the RUKRA Fireman Phone on the floor as the schedule on page 4.
If the fireman panel has a button for activating the microphone while pushing the button, then connect the supplied jumper cable to the pins where normally a jumper is on the RUKRA Fireman Phone behind the fireman panel. (push button contact in the fireman intercom panel must be normally open NO).

Setting the fireman Phone switch is done by using the green button, press the green button until the green LED 1 is continuous on (store after power interruption continues this setting). The red button should not be pressed !!

The left red LED is on when a speak / listening connection between the RUKRA Elevator phone in the elevator cabin and the RUKRA Fireman Phone on the fireman floor is active, the right red LED comes on when the fire switch on the fireman floor is activated.

Telephone in the engine room (closet):

Connect the phone parallel to the same output as the RUKRA elevator phone in the elevator cabin. Once the handset is picked up, there is a phone line free and can be called.
As soon as the fire switch is activated and the handset is lifted there is a direct speak / listening connection with the RUKRA Elevator phone in the cabin and the fireman intercom on the fireman floor.

TROUBLESHOOTING

If the sound between the RUKRA Elevator Phone in the cabin and the RUKRA Fireman Phone on the fireman floor sometimes falters (the spoken sentences sound strange and are not entirely) then change the audio settings modifier 71 (speaker volume) and 72 sensitivity microphone) of RUKRA Fireman Phone on the fireman floor and not in the RUKRA Elevator Phone in the cabin

CONNECTION SCHEDULE

Powersupply 12-24 VDC

Fireman Phone Switch in
the machineroom (closet)

Incoming phone line
PSTN / GSM / VOIP

Fire switch on the
fireman floor

Phone in machineroom (Closet)

Connect to:
Line in

Connect to:
Line in

RUKRA Elevator Phone in cabin

Remove Jumper on MIC2 and
connect the jumper cable
from the button to this pins