DIGITAL
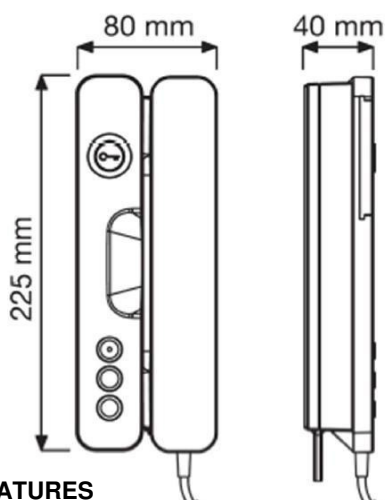# CALL SYSTEM

MATIBUSSE

UNIPHONE 1140/522

DOORPHONE SIGNO REF. NO. 1140/522

BASIC FEATURES

Doorphone ref. 1140/522 is an advanced tool dedicated to work for digital call system MATIBUS$_{SE}$ equipped with a switchboard station. Installation is simple and fast, because all the vertical wires of the call system are connected to the connector inside the doorphone.

Doorphone ref. 1140/522 is available in white (with piano gloss). It is equipped with a button to open the door and two additional button. It has the possibility to add an extra function button ref. 1140/55 (in total there may be up to 3). These buttons are independent of each other and can be used for different additional functions, e.g.:
Calling switchboard station,
Control power supply terminals OC1 and OC2,
Other features (which require additional wires to connect to the doorphone).
Doorphone can be table mounted using kit ref. 1140/50.

BASIC FUNCTION

- Conversation.
- Opening door.
- Calling switchboard station or control power supply **OC** terminals
- Informing the user about the switchboard station status when it's called from the doorphone.
- Additionally doorphone has a built in LED indicating the call and the three-tier system volume.

PODŁĄCZENIE DO SYSTEMU

For a standard installation process using 2 wire installation, doorphone **REF. 1140/522** should be connected to a common vertical LU line.

WARNING!

Doorphone **REF. 1140/522** are not compatible with doorphone **REF. 1131/620**, **REF. 1132/620** and **REF. 1132/520** and their varieties (they can't be fitted with them within the same line LU).
Doorphone **REF. 1140/522** only work with a power supply Ref. **1052/31R** and **REF. 1052/33R**.
For proper operation of a doorphone **REF. 1140/522** is required to set "1" in step 0.10 or 0.11 of the power supply parameter programming menu.
Doorphone address must be different from "0". Doorphone **REF. 1140/522** can not operate at the same physical and logical address within the same riser.

DESCRIPTION OF TERMINAL BOARDS

LU	Data Line.
0L	GND.
3D	External signal Line (local door bell).
T2	Function key No. 2.
T1	Function key No. 1.
0L	GND of function key
+W	„+" of duplicate call (collector optocoupler)
-W	„- " of duplicate call (emiter optocoupler)
MA	MultiAdres - terminal, which connects uniphones working on a common address call

Grounds of 0L are conected to each other In uniphone

OPIS ZŁĄCZ

J1	Address number jumpers.
J2	Service interface.
ZW1	Master/Slave jumper

PROGRAMMING
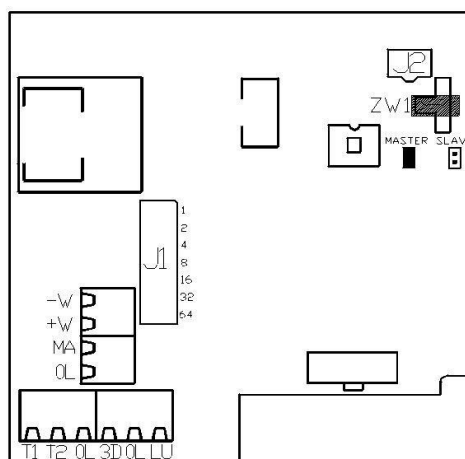
Doorphone can be programmed using jumpers. Number from 1 to 127 (connector J1) can be set. It is a physical address of the doorphone. First jumper (top) is the number of 1, last one (first from the bottom) is the number of 64. Each jumper increases the address number by the number corresponding to the jumper.
Table with some examples was shown below.
The logical codes for LU1 line by (default is 25) equals the value set by jumpers in binary code. For LU2 line logical codes begin default 26 and equals the value set by jumpers plus the value with was set in option 7.04 in the power supply programming menu (by default is 25). For example: physical address "1" of doorphone in LU2 equals logical codes 26. Therefore, system has the ability to assign logical code to any doorphone in the system.

| Jumper settings	Doorphone address number
	1
	12
	25
	70

COOPERATION PARALLEL UNIPHONES

It is possible to connect up to 4 uniphones ref. 1140/522 on the one call. To uniphones will be call on the same logical address with configuration bellow:

• Set the same physical address on each home uniphone.

• Uniphones connect together cable plugged into the terminal MA,

• In anyone of uniphones jumper Master / Slave must be established.

• In all other unifonach jumper Master / Slave must be removed.

Then calling the address, eg. 5 will call all home stations connected to each other, and the call will be available at the home station, where the receiver is lifted as first.

CALL VOLUME ADJUSTMENT

Under the hanger to the handset is a 3-position lever to adjust the volume of call signal

MAX   MIN   MUTE
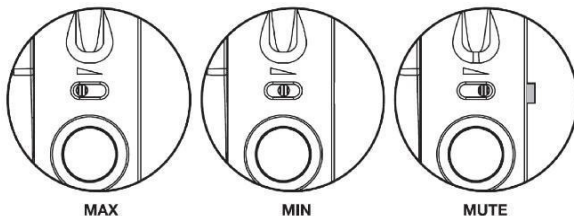
USER MANUAL

CALLING TO SWITCHBOARD STATION

To call the switchboard station pick up the handset and press the function key number 1. While waiting for the call the speaker of the doorphone will generate a slow beeping sound. In case of occupation of the switchboard station fast beeping sound will be generated (busy tone) and on the LCD screen of the switchboard station information massage of the call attempt will be shown.

FEEDBACK CONNECTION TO PANEL

The function allows the linking of the uniphone to one selected in the programming menu panel. The panel can be located in the entrance of the main and supplementary. To function to work, you must set point 113 and 715 programming menu in Power Supply 1052/31..33R connected to the phone rise.

This function is performed by pressing the function button number 2 when the handset is lifted. The call will be automatically disconnected after the time set in section 204 in programming menu.

Feedback connection will be not proceed when:

- During conversation between panel and uniphone In the rise.
Panel which ID is specified in section 715 Power Supply is busy. Progress call back from another receiver in the rise.

Disconnects can occur by:
- unsuspension handset uniphone.
- key "*" pressed on the panel.

CONNECTOR OC1

Pressing the function key number. 1 when the handset is on-hook or during a conversation will turn on OC1.

CONNECTOR OC2

Pressing the function key number. 2 when the handset is on-hook or during a conversation will turn on OC2.

LOCAL FEATURE DOOR BELL

Short circuit to ground terminal 3D and 0L will generate an doorbell in selected home station.

DUPLICATE CALL

Terminals + W and - W this optocoupler output terminals, active during the call signal and the local signal to the door bell, that can be used to control for example. Chime or siren light. The maximum permissible DC voltage between terminals + W and - W is 30V. the maximum allowable current flowing through the terminals + In and - In is 50mA.

OPENING ELECTRIC LOCK WITHOUT NEED TO PICK-UP THE HEADPHONE

By pressing the button to open the door during a call from the panel, the unit will automatically lead to the opening of the door (there is no such possibility in the ordinary home station, for example. Ref. 1132/620), and then automatically disconnects from the panel.

CHANGE RINGING TONE IN UNIPHONE

This function allows you to select one of six tones, call (ringing).

To change the ring tone:

Press and hold the key to open the door.
Hold down the button to open the door press the function key No.1 (lower button) - uniphone should generate a ring tone.
Letting go and then pressing the function button No. 1 there is a change of tone ringing call.
Saving the ring as an active is after release the key function key number. 1 for approx. 2 seconds

INSTALATION

SIGNO home station can be mounted on a wall or set on a desk using an inclined base.

The device is designed for operation inside buildings. They should be installed in a dry place.

The device is not impervious to dust.

WALL MOUNTING

Doorphone should be mounted at the height of 1,55 meters from the ground.

To mount the doorphone on the wall you should follow the steps below:

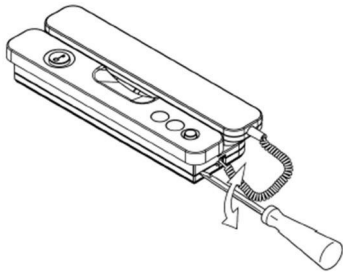1. Spread the doorphone cover releasing the plastic latches using a screwdriver (Fig. 1).

Fig. 1

2. Attach the doorphone to the wall using two supplied bolts (Fig. 2).

3. Drag wires through the hole in the back of doorphone.

4. Shorten the wires to the required length and remove isolation from their ends
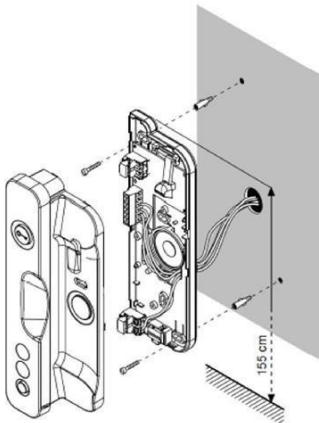
Fig 2.

5. Connect the cable ends to the appropriate terminals of a doorphone.

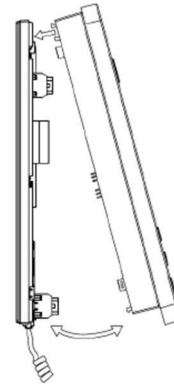6. Assemble the two parts of the housing (Fig. 3).

Fig. 3.

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