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ENGLISH

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ADVANCED PROGRAMMING

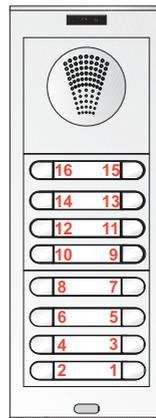
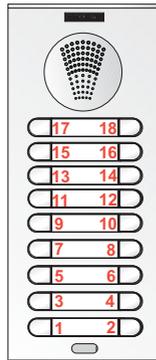
MAPPING IN BUTTON PANELS

The call code generated by a button on a button panel, is determined by the button's connection to the «amplifier» (in 1 or 2 button panels), the «call extension module» (in panels of more than 2 buttons) or the «button module» (in modular panels).

Mapping is an advanced programming function available in button panels, which allows modification of the call code assigned «naturally» to the buttons (based on their position on the call extension module or button module; sequentially from bottom to top and right to left). In this way it is possible to cover all button coding requirements:

Standard assignment

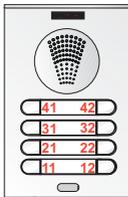
Depends on the wiring of the call extension module.



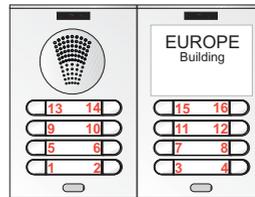
Button module:
sequentially from bottom
to top and right to left.

Mapping

Examples of possible assignments using the mapping functions:



Floor/Residence:
Very useful in systems
with a general entrance



With double panels: call assignment depending
on residence distribution per floor.

When mapping, the amplifier saves the link between the natural call code (address) and the newly assigned call code in a table.

There are 2 ways of carrying out mapping:

1. Inverse Programming.

If you need the buttons to generate non-sequential calling codes, like for codes that include floor num. and house number.

2. Sequential Programming.

If you need a special distribution. On street panels you press the call buttons in the order in which you want to associate the codes, starting with 0 and then sequentially until the last one.

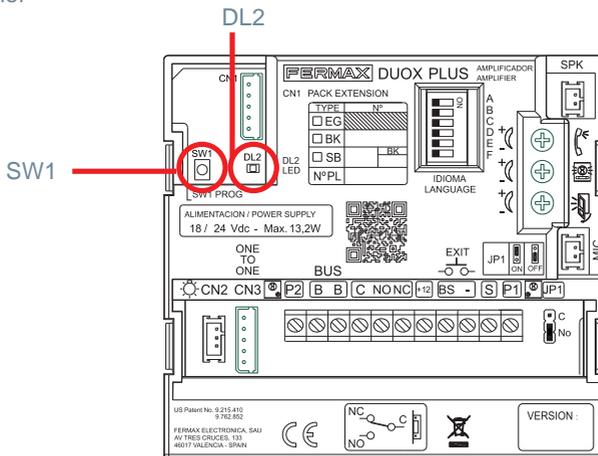
Important notes:

- Programming is always done from the panel activated as MASTER.
- The panel must be previously configured as Master if you want to do inverse or sequential programming.
- In order to enter in any button mapping mode you must have the amplifier in stand-by.

MASTER Panel:

- A street panel is configured as a MASTER via the SW1 amplifier button. If the SW1 button is pressed 3 times quickly, it is activated as a MASTER panel and a confirmation tone sounds (beep-beep).
- When a panel is selected as MASTER, it notifies the rest of the situation and if another was previously configured, it would automatically stop being so.
- If there are various blocks in an installation, we recommend using the general entrance panel as MASTER since it allows you to program all of its telephones.
- Once having completed the terminal's configuration, we recommend deactivating the MASTER panel to avoid accidentally reprogramming terminals.
- The panel deactivates itself from master mode following the same activation procedure: 3 quick presses of the SW1 button. A deactivation tone sounds (beep-bop).

Amplifier



INVERSE PROGRAMMING

2 operators are required.

This mode allows you to assign non-sequential call codes (addresses).

The steps to be followed are detailed below:

1. Previously configure the panel as MASTER panel, (see previous page).
2. Program the telephone locally and independently via an entry panel or Guard unit (when available). See the NOTE.
3. Enter in the «inverse button programming» mode on the amplifier:
Press the SW1 button and hold for 10 seconds until you hear a «beep.» Stop pressing the SW1 button. The Mode Led (DL2) is activated to indicate that we entered in an inverse programming mode (slow blink): 1 flash / second 10%.
4. Assign the new addresses to each button:
 - 4.1. Press the telephone programming button; you will hear a programming entrance tone and upon picking up you enter in conversation with the master outdoor panel.
 - 4.2. With the telephone hang up, on the entry panel press the call button associated with that telephone (homes).
The call code previously programmed on that telephone will be assigned to the button (it will be stored on the amplifier).

Repeat step 4 with all the home telephones-buttons on the system.

Note:

- If in inverse configuration mode you press a button without having received access to programming from the telephone, the amplifier emits an error bop.

5. Exit Programming:

Press the SW1 amplifier's «button programming» button again.

The amplifier automatically exits programming mode following 5 minutes of inactivity.

Note:

- Depending on the range of call codes, you have to configure the outdoor panel (amplifier) as needed.

If all telephones:

- Have the same block and sub-block address (BBSSNN) the panel is configured as a sub-block (or block) with those values.
- Only coincide with the block address, it is configured as a block panel.
- Differ in the block number, it must be configured as a general entrance.

Configuration - Programming the Amplifier

The DUOX PLUS amplifier can be configured to allow for the operation as a general entrance, block entrance or sub-block entrance.

- The DUOX PLUS system uses 6 digit house telephone addresses.
- These call code digits are organised as follows: BBSSNN:
 - BB: indicates the Block number, (from 00 to 99).
 - SS: indicates the sub-Block number, (from 00 to 99).
 - NN: indicates the sub-Block house number, (from 00 to 99).

You do not have to segregate the installation according to this hierarchy since the system adapts to the installation's needs.

SEQUENTIAL PROGRAMMING

Only 1 operator is required.

This mode allows call codes (addresses) to be assigned sequentially in whatever order you require. The steps to be followed are detailed below:

1. Previously configure the panel as MASTER panel, (see previous pages).
2. Select the «sequential button programming» mode on the amplifier.
Press the SW1 button and hold for 10 seconds until you hear a «beep.» and holding for 5 more seconds until you hear a double “beep”, the Mode Led (DL2) is activated to indicate that we entered in an sequential programming mode (slow blink: 1 flash / second 50%).
3. Assign the new addresses to each button:
Press the call buttons in whatever order you wish to assign the codes on the entry panel, starting with 0, and running sequentially upward.
 - 1st Press = Code 0.
 - 2nd Press = Code 1.
 - 3rd Press = Code 2.
 - and so on.
 The amplifier stores each of the buttons' new call codes.

4. Exit Programming:

Press the SW1 amplifier's «button programming» button again.

The amplifier automatically exits programming mode following 1 minute of inactivity.

Notes:

- *If you want to program the buttons without starting with number 0 or changing the number as you program, press the button or configure it until reaching the value of the account you want to assign.*
 - *Example: if you want to assign the values 1, 5,10 to the three buttons on the panel, press the first button twice, the second 4 and the third 5 times.*
 - *A button can be configured with Code 0 to make a call to the Guard Unit (if available).*
-

RESETTING the Mapping on button panels

To reset the mapping:

- remove the power
- power the amplifier with the SW1 programming button by long pressing for 5 seconds, maintaining it pressed until you hear a confirmation “beep-beep” .



LOCK-RELEASE TIMMING

There are two programmable lock-release activation times:

- Lock-release time set from the residence.
- Lock-release time set from the exit button (connected to the 'BS' and '-' terminals).

BUTTON Panel Programming

Carry out the following steps:

1. With the power supply disconnected, short circuit the «Bs» and «-» (negative) amplifier terminals, (or press the exit button when one exists).
2. Maintaining the aforementioned short-circuit connects the power supply (at this point it will no longer be necessary to maintain the short circuit or hold down the button). At this time the amplifier will generate as many "beeps" as seconds programmed for the **opening time from the residence**.
 - 2.1.If you want to change this value, you must press any call button as often as the seconds you wish to program.
 - 2.2.If you do not want to change, just wait 5 seconds without pressing any call button.
3. Then the amplifier will "beep" for every second **the opening time has been programmed from the exit button**.
 - 3.1.If you want to change this value, you must press any call button as often as the seconds you wish to program.
 - 3.2.If you do not want to change, just wait 5 seconds without pressing any call button.
4. Exit Programming:

To exit programming mode, wait 5 seconds without pressing any key. A «beep beep» tone will sound to indicate that you have exited time programming mode.

Notes:

- Values:
 - Lock-release time: 01..99 sec. (Default: 03).
 - Exit button time: 00..99 sec. (Default: 06).
 - On mixed panels with buttons and keypads this method is not permitted and changes must be made via the keypad.
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You can also program opening times, along with the other amplifier parameters, with:

a) VOICE ASSISTED programming

b) Programming with a KEYPAD

To enter the numeric values you must temporarily connect a keypad ref. 7439. The keypad and amplifier connection is explained in the manuals.

See instructions via the QR codes on the back of the amplifier or at www.fermax.com:

- 970064 ANNEX Voice assisted configuration in button panels.
- 97701 Programming Direct Audio DUOX PLUS Panels.