FERMAX

QUICK GUIDE FOR PROGRAMMING THE SKYLINE GRAPHIC DISPLAY DUOX PLUS

COD. 97869Ig V05_23

1. Graphic screen
2. "Left arrow" key
3. "Bell" key
4. "Right arrow" key
5. CN1 connector for the amplifier
6. CN2 connector for the proximity reader
7. CN4 Keypad connector
8. RS-485/12Vdc-100mA Connector

START-UP PROCESS

1. After powering the panel, the display presents the following information for 5 seconds:

FERMAX
F_V40.10.018
DUOX PLUS
Panel 00 Block 00

FIRMWARE version
Configuration of the panel within the installation
FERMAX logo
System detected

2. This goes on to standby mode, alternatively displaying the basic information for the user, according to the configuration: (direct calling, calls by search or guard unit call)

3. After 30" without activity, the display will turn off, restarting upon noticing a person in front of them, or from touching any key (depending on the configuration)

GENERAL CONCEPTS

ALPHANUMERIC keypad: If we configure this option, we can use the keypad to also enter letters (for example, to search for a user by his name). Upon pressing any keypad, a keyboard will also appear on-screen, which is used like a smartphone keypad.
The username will appear, approximately, in the upper part of the keypad.

MAPPED call: When configured as such, it allows you to convert the residence number to a short alphanumeric code to make marking it easier. Ex. the user Alfredo Marqués, in home 120345, could be called with the code 12G.
To use it with the numeric keypad, the ALPHANUMERIC keypad must be activated.

RESTRICTED call: With this option activated, you can only call residences in the agenda and that are also not marked as FILTERED. A message is displayed: "code not valid".

Proximity card reader. This panel has the possibility of connecting a proximity card reader with which the different users can be identified. Depending on the configuration, it may be necessary to also enter a PIN code with the keypad.

Keypad codes: The users can also open the door by identifying themselves by pressing the "A" followed by a personal code. This code may be 4, 5 or 6 digits, depending on the system's configuration. If a guard unit has programmed a message for this user (and/or a general message), it appears on the screen, if not seen previously. In a block or sub-block entrance, only users whose home number belongs to said block or sub-block can access.
If you try and enter 5 consecutive times with an invalid code, the keypad function remains blocked for 1 minute.

MAKING CALLS

Depending on the system's configuration, the screen will automatically turn on upon being in front of it, or upon pressing any key.
The following images appear, alternating with another graphic image or text that has also been configured:

23/01/2015 9:22
Search name ◄► and press ⏎

23/01/2015 9:22
Enter home numer and press ⏎

The way to make the call will depend on if the call options have been configured.

DIRECT or MAPPED call: Press any numeric keypad (from 0 to 9) of the main keypad or any letter of the secondary keypad (if installed).

23/01/2015 9:22
Unit number:
5425-

23/01/2015 9:22
SMITH, JAMES
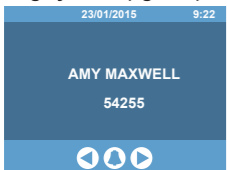1　2 ABC　3 DEF
4 GHI　5 JKL　6 MNO
7 PQRS　8 TUV　9 XYZ

Without the ALPHANUMERIC keypad, you can only enter the direct home code.
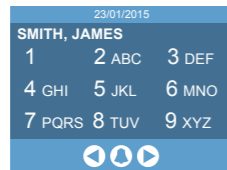Enter this code and press the bell..
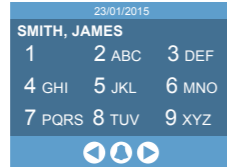
With an ALPHANUMERIC keypad activated, by pressing the "B" we access the marking keypad.
If a MAPPED call, this keypad appears by pressing any key.

Searching by name (agenda):

23/01/2015 9:22
AMY MAXWELL
54255

23/01/2015
SMITH, JAMES
1　2 ABC　3 DEF
4 GHI　5 JKL　6 MNO
7 PQRS　8 TUV　9 XYZ

Press the arrow keypads (left or right) until you find the username you wish to call, and press the bell key.

With an ALPHANUMERIC keypad activated, by pressing the "B" key we access the keypad.
Enter the username and press the bell key.

PROGRAMMING ACCESS

Press A and enter the access code: AB21AB

Access Code

Delete
Cancel　Keep Pressed

Enter the identification code: 19025 (by default)

Programming Code

Delete
Exit　Keep Pressed

If you enter an incorrect code it returns to standby

23/01/2015 9:22
Invalid Code

CONFIGURATION MENU
1. USERS
2. SETTINGS
3. DISPLAY

MAIN CONFIGURATION MENU
Use the keypad to select the desired option

1. USERS	2. SETTINGS	3. DISPLAY
1. ADD	1. CODES	1. MESSAGE
2. ERASE	2. ACCESS CONTROL	2. BACKLIGHT
3. MODIFY	3. CALL	3. SETTINGS
4. ADDITIONAL INFO	4. PANEL	4. LANGUAGE
5. RESET	5. CLOCK	5. RESET SETTINGS
6. MEMORY	6. VIDEO QUALITY	6. UPGRADE
7. ORDER		

The description of each function is indicated in the following pages.
INSTALLER CODE allows you complete access to all available options (those represented in these instructions).

TECHNICAL SPECIFICATIONS

- Directory capacity: 10,000 users.
- Total consumption:
  118,5 mA (5V) + 7,70 mA (12V) = 126,2 mA ±15% (STANDBY)
  311,5 mA (5V) + 7,70 mA (12V) = 319,2 mA ±15% (TFT ON)
- Operating Temperature: -20 ºC, 70 ºC
- Relative humidity: 5 % - 95 %
- Compatible from audio amplifier V 30.10 and video amplifier V 40.10 onwards.
- This display is compatible with Display Plus software version V 02.00.001 and higher.

USER MENU

1. USERS
1. ADD
2. ERASE
3. MODIFY
4. ADDITIONAL INFO
5. RESET
6. MEMORY
7. ORDER

USER MENU
allows you to configure the different users' data

Use the arrows to move between different configuration submenus of the user data.
There may be repeated names, and several names in the same home.
If you present a user card, within this menu, it is saved as a card for this user.
By pressing B from any submenu, save data and return to USER MENU.

1. ADD
Cancel
Cancel　A
Exit　B

Cancel the entered data and return to USER menu

1. ADD
PIN

Delete　A
Exit　B

PIN of 4 digits, assigned to each user to combine with proximity card

1. ADD
Access code

Delete　A
Exit　B

6 digit code assigned to the user to open the door

1. ADD
Filtered
Cancel　A
Exit　B

Filtered: does not appear in the directory and can not be called. Restricted call has been activated

1. ADD
Name
JAMES ------
Delete　A
Exit　B

Use alphanumeric keypad (if activated) or secondary keypad to enter the name.
This data is required

1. ADD
Unit
00 1266
Delete　A
Exit　B

Indicate the home number
This data is required

1. ADD
Call code
156F
Delete　A
Exit　B

Mapped call code assigned to the user (4 digit max)

1. ADD
Invisible
Cancel　A
Salir　B

Invisible: does not appear in the agenda but can be called

2. ERASE
JAMES SMITH
001266
Delete　A
Exit　B

Use the arrows until reaching the user you hope to delete and confirm with A.
Press B, to exit without deleting

2. ERASE
Agenda is empty
Exit　B

If there are no users in the list, the "Agenda is empty" message appears

3. MODIFY
0012665
Modify　A
Exit　B

To change the data of any user, use the arrows to move between the different fields and operate in the same way as to ADD users

ADDITIONAL INFO allows you to enter certain information for each of the users. This information appears on the screen when a visitor performs a call to said user

4. ADDITIONAL INFO
JAMES SMITH
001266
Modify　A
Exit　B

Use the arrows to select the user and press A

4. ADDITIONAL INFO
1. TYPE
2. TEXT
3. IMAGE

If in the TYPE option the scenario "in the Agenda" is chosen, it is only possible to display TEXT.

1. TYPE
In the call
Exit　B

Use the arrows to select the moment in which the information must appear
- Not used
- In the call
- In door opened
- In the agenda

2. TEXT

Delete　A
Exit　B

Use the alphanumeric keypad (if activated) or the secondary keypad to enter the text message to appear after calling the home

3. IMAGE
Not used
Exit　B

Use the arrows to select the image to appear, after calling the corresponding home from the available images.
These images must have been previously uploaded onto the equipment. See ADVANCED MANUAL

5. RESET
USERS
Are you sure?
Confirm　A
Exit　B

With this option you can delete the data from all of the users
Use with care. This action is irreversible
REMARK: Necessary to reset supply after applying RESET option.

6. MEMORY
156/9844
Exit　B

Informative Screen. Indicates the number of users registered and number of available positions

7. SORETED BY
Unit
Exit　B

7. SORTED BY
Name
Exit　B

Sort order type of users list

CONFIGURATION MENU

The CONFIGURATION MENU lets you set the panel's parameters
Select, via the numeric keypad, the desired configuration

2. SETTINGS
1. CODES
2. ACCESS CONTROL
3. CALL
4. PANEL
5. CLOCK
6. VIDEO QUALITY
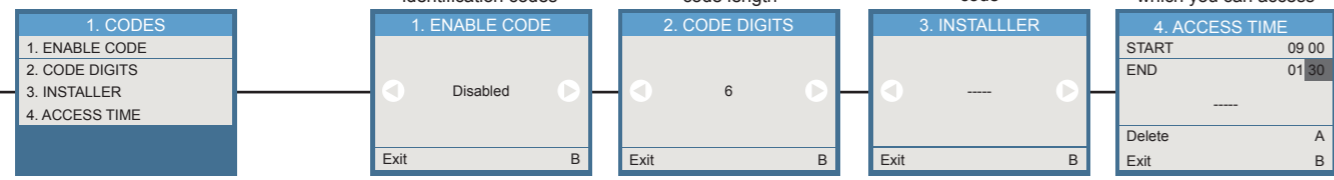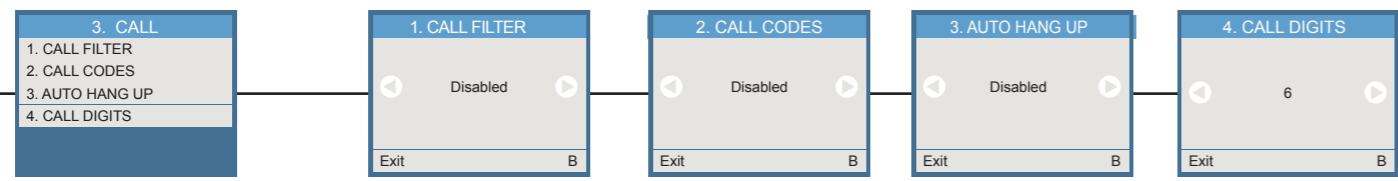
Enable or disable the keypad
to use the different identification codes

Enter the identification code length

Enter the administrator code

Enter the postman's code and the start and end time between which you can access

1. CODES
1. ENABLE CODE
2. CODE DIGITS
3. INSTALLER
4. ACCESS TIME

1. ENABLE CODE
Disabled
◄ ►
Exit   B

2. CODE DIGITS
6
◄ ►
Exit   B

3. INSTALLLER

◄ ►
Exit   B

4. ACCESS TIME
START   09 00
END   01 30

Delete   A
Exit   B

This option allows you to configure the identification codes used by different users.
Use the numeric keypad to indicate the desired option, amongst the ones available.
Within each of the options, select with the arrows or enter data via the keypad, and confirm with B

2. ACCESS CONTROL
1. DOOR OPEN TIME
2. HALL TIME
3. PROX READER
4. PIN REQUEST
5. DOOR SENSOR

1. DOOR OPENING TIME
03
Delete   A
Exit   B

2. HALL TIME
06
Delete   A
Exit   B

3. PROX READER
Data/Clock
◄ ►
Exit   B

4. PIN REQUEST
Disabled
◄ ►
Exit   B

This option allows you to configure the entrance control parameters

Within each of the options, with the arrows select or enter data via the keypad, and confirm with B
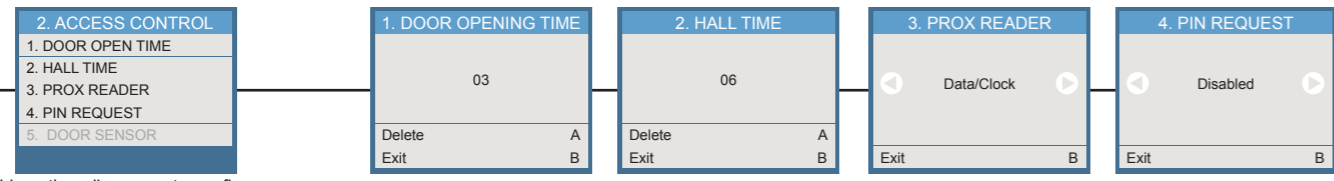
Lock-release activation time in seconds, when opened from the residence

Lock-release activation time in seconds, when opened from the entrance hall's button

Type of cards to be use: Wiegand or Data/Clock

Indicate whether a PIN code associated with the proximity card will be used (enabled) or not (disabled)

3. CALL
1. CALL FILTER
2. CALL CODES
3. AUTO HANG UP
4. CALL DIGITS

1. CALL FILTER
Disabled
◄ ►
Exit   B

2. CALL CODES
Disabled
◄ ►
Exit   B

3. AUTO HANG UP
Disabled
◄ ►
Exit   B

4. CALL DIGITS
6
◄ ►
Exit   B

This option allows you to configure the way in which you can make calls to the homes

Within each of the options, with the arrows select or enter data via the keypad, and confirm with B
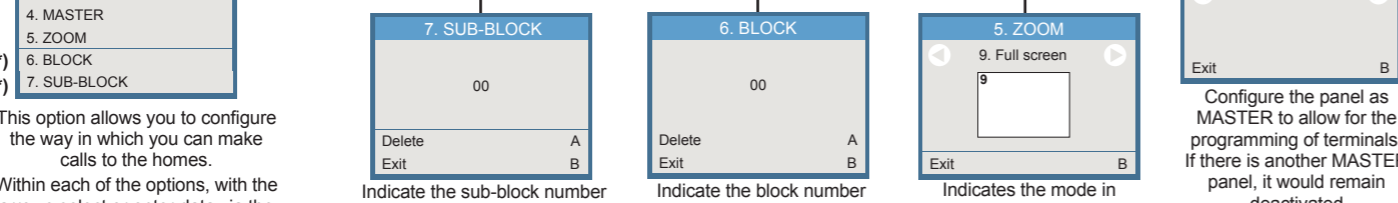
Enabled, you can only call homes from the directory, and if they are not filtered

Enabled you can use the alphanumeric call codes via the number keypad

Automatic hanging up

To select the number of call digits from the General Entrance 4 or 6. To select this option you must choose 4. PANEL / 3. PANEL TYPE: General Entrance
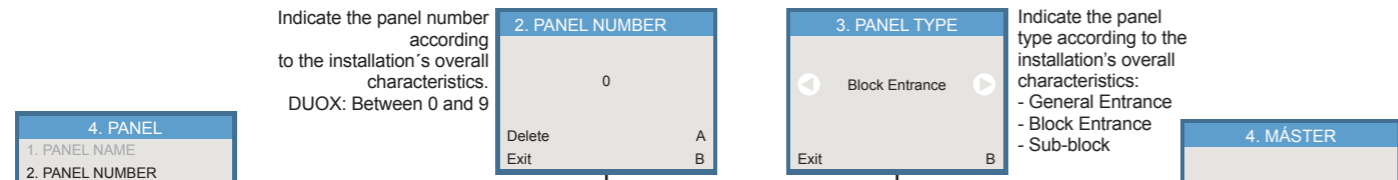
Indicate the panel number according to the installation's overall characteristics.
DUOX: Between 0 and 9

2. PANEL NUMBER
0
Delete   A
Exit   B

Indicate the panel type according to the installation's overall characteristics:
- General Entrance
- Block Entrance
- Sub-block

3. PANEL TYPE
Block Entrance
◄ ►
Exit   B

4. MÁSTER
Disabled
◄ ►
Exit   B

4. PANEL
1. PANEL NAME
2. PANEL NUMBER
3. PANEL TYPE
4. MASTER
5. ZOOM
(*) 6. BLOCK
(*) 7. SUB-BLOCK

7. SUB-BLOCK
00
Delete   A
Exit   B

6. BLOCK
00
Delete   A
Exit   B

5. ZOOM
9. Full screen
9
◄ ►
Exit   B

This option allows you to configure the way in which you can make calls to the homes.

Within each of the options, with the arrows select or enter data via the keypad, and confirm with B.

(*) NOTE: These options are displayed or not, depending on the type of panel chosen.
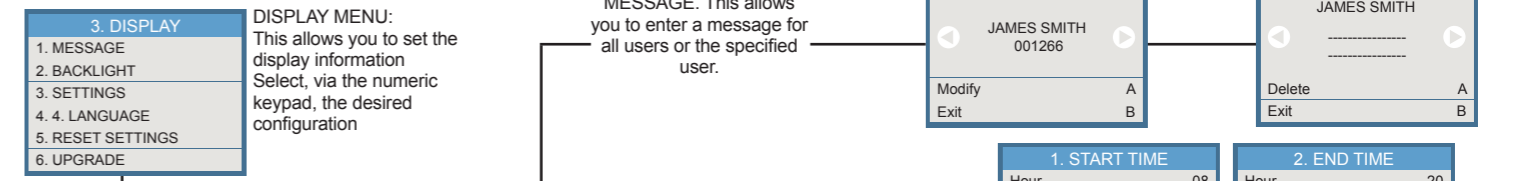
Indicate the sub-block number according to the installation's overall characteristics.
Between 00 and 99

Indicate the block number according to the installation's overall characteristics.
Between 00 and 99

Indicates the mode in which the display will show the zoom

Configure the panel as MASTER to allow for the programming of terminals.
If there is another MASTER panel, it would remain deactivated

Select the date presentation format:
- DD/MM/YYYY
- MM/DD/YYYY
- YYYY/MM/DD
- YYYY/DD/MM

2. FORMAT
DD/MM/YYYY
◄ ►
Exit   B

2. FORMAT
24H
◄ ►
Exit   B

Select if you want a 12h or 24 h format

Enter the current date.
Select the date with the arrows.
A: Delete marked data
B: Confirm

5. CLOCK
1. SHOW
2. FORMAT
3. SET DATE
4. SET TIME
5. DAYLIGHT SAVING
6. NIGHT TIME

1. SHOW
Disabled
◄ ►
Exit   B

Enabled:
Display time and date

2. FORMAT
1. DATE FORMAT
2. TIME FORMAT

Time and date format options

3. SET DATE
Day   27
Month   10
Year   20
Delete   A
Exit   B

Time and display options
Select the desired option with the keypad

6. NIGHT TIME
1. START TIME
2. END TIME
3. VOLUME

5. DAYLIGHT SAVING
Disabled
◄ ►
Exit   B

Select between European, American or manual daylight savings

4. SET TIME
Hour   17
Minutes   15
Delete   A
Exit   B

Enter the current time.
Select the date with the arrows.
A: Delete marked data
B: Confirm

1. START TIME
Hour   08
Minutes   00
Delete   A
Exit   B

Enter the start and end for nocturnal schedule (reduced audio volume)
Select the date with the arrows.
A: Delete marked data
B: Confirm

2. END TIME
Hour   20
Minutes   15
Delete   A
Exit   B

3. VOLUME
1
◄ ►
Exit   B

Adjust audio level nocturnal schedule (0-9)

6. VIDEO QUALITY

6. VIDEO QUALITY
Premium
◄ ►
Exit   B

6. VIDEO QUALITY
Standard
◄ ►
Exit   B

DISPLAY MENU

3. DISPLAY
1. MESSAGE
2. BACKLIGHT
3. SETTINGS
4. 4. LANGUAGE
5. RESET SETTINGS
6. UPGRADE

DISPLAY MENU:
This allows you to set the display information
Select, via the numeric keypad, the desired configuration

MESSAGE. This allows you to enter a message for all users or the specified user.

Select a user (or all, with the "All users" option)

1. MESSAGE
JAMES SMITH
001266
Modify   A
Exit   B

Write the message (up to 2 lines with 16 characters)

1. MESSAGE
JAMES SMITH

Delete   A
Exit   B

2. BACKLIGHT
100%
◄ ►
Exit   B

Screen brightness settings as a percentage

Enabled: The numeric keypad acts as alphanumeric

1. ALPHA KEYPAD
Disabled
◄ ►
Exit   B

Loop time in the standby screen

2. SCREEN TIME
00
Delete   A
Exit   B

1. START TIME
Hour   08
Minutes   00
Delete   A
Exit   B

2. END TIME
Hour   20
Minutes   15
Delete   A
Exit   B

3. SCREEN ACTIVATION
Key or sensor
◄ ►
Exit   B

The screen will turn on:
- Key pressed
- Key or sensor

3. SETTINGS
1. ALPHA KEYPAD
2. SCREEN TIME
3. SCREEN ACTIVATION
4. AGENDA
5. BUILDING NAME
6. SHOW PICTURES
7. KEYPAD SOUND

4. AGENDA
4 names
per screen
◄ ►
Exit   B

Select 1 or 4 names to display on the screen

5. BUILDING NAME
SKYLINE TOWER
Delete   A
Exit   B

Indicate the building's name or similar

6. SHOW PICTURES
Picture   2
Picture   3
Picture   4
Picture   5
Confirm   A
Exit   B

Select the image to display when in standby.
This image must be previously loaded

7. KEYPAD SOUND
Disabled
◄ ►
Exit   B

Enabled: Active the sound of the keypad

4. LANGUAGE
English
◄ ►
Exit   B

Select the language for the display information

5. RESET SETTINGS
Are you sure?
Confirmar   A
Exit   B

Delete the unit's settings
Use with care.
This option is irreversible

6. UPGRADE
1. PICTURES
2. TEXTS
3. FIRMWARE

Use the keypad to select the desired update.
Updates via the RS-485 port
(See advanced Manual for more details)

1. PICTURES
Are you sure?
Confirm   A
Exit   B

2. TEXT
Are you sure?
Confirm   A
Exit   B

3. FIRMWARE
Are you sure?
Confirm   A
Exit   B

Screen settings