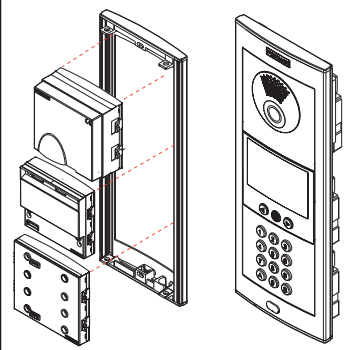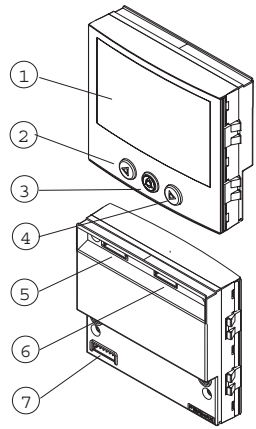# FERMAX

DESCRIPTION OF THE LYNX MODULE

1. Insert the modules in the SKYLINE frame as seen in the image (the amplifier on top, the Lynx Display next to the amplifier and then the remaining modules).
2. Use the included cables to wire the system (see examples below).

1. TFT screen
2. "Left arrow" key
3. "Bell" key
4. "Right arrow" key
5. CN1 connector (to the amplifier)
6. CN2 connector (from the amplifier)
7. CN3 connector (to the keypad)

EXAMPLES OF PRE-WIRING
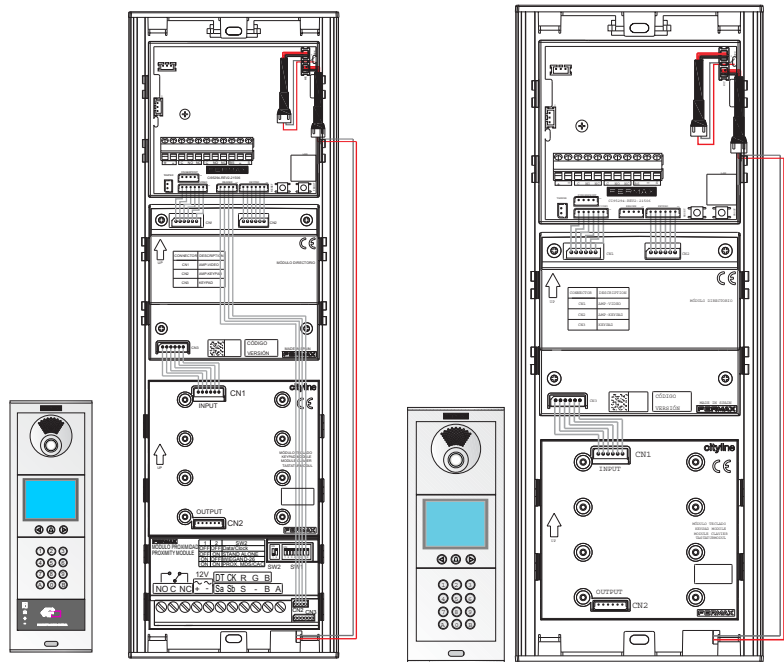
WITH PROXIMITY READER

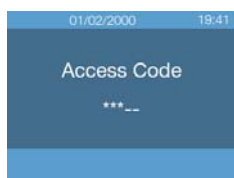**WITHOUT PROXIMITY READER**

PROGRAMMING ACCESS

1. From the information screen press "0" on the keypad.
   The screen will display an invitation to enter the ACCESS CODE.

2. Enter AB21AB.
   If the system is configured to use 4 or 5 digit access codes, the code to enter is AB21 and AB21A respectively.
   After performing this properly, the symbol of an open chain appears.

3. Enter the INSTALLER CODE.
   This code is 19025 by default.
   If it has been changed and you do not remember the new code, you can restore the default value via the procedure indicated in the Programming Manual for LYNX PANELS Cod. 97746.
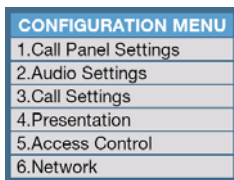
4. *After this step, the CONFIGURATION MENU appears, from which you can choose the desired option by pressing the corresponding number via the keypad.*

CONFIGURATION MENU
1. Call Panel Settings
2. Audio Settings
3. Call Settings
4. Presentation
5. Access Control
6. Network

The general procedure consists in using the numeric keypad to select the desired option. Following the indications, use the "right and left" arrows keys to move through the successive fields, press "B" to confirm and return to the previous step, or press "A" to delete.

1.CALL PANEL SETTINGS
1. Type
2. Block#
3. Panel#
4. Panel Tag
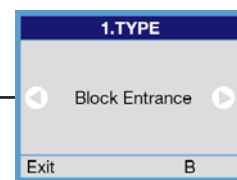5. Alpha Keypad
6. Reset Settings

1. Type
2. Block#
3. Panel#
4. Panel Tag
5. Alpha Keypad
6. Available Blocks
7. Reset Settings

(*) Only if it has been established
BLOCK# = Several blocks

1.TYPE
Block Entrance
Exit   B

Indicate if the panel will be installed as a general entrance or as an entrance to a specific block.

Options
- Block entrance
- General entrance

2.BLOCK#
01
Erase   A
Exit   B
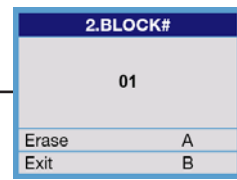
(*) Only if TYPE=Block Entrance
Indicate the block number, according to the installation´s overall characteristics

Options
- Between 00 and 99

2.BLOCK#
Several blocks
Exit   B
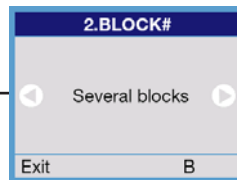
(*) Only if TYPE=General Entrance
Indicate if this is a general entrance to the development or a specific section
options
- The complete development
- Several Blocks

3. Panel#
01
Eliminar   A
Salir   B
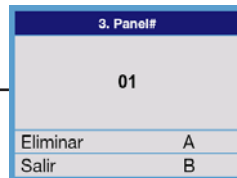
Indicate the panel number according to the installation´s overall characteristics

Options
- Between 00 and 99

4.Panel Tag

Erase   A
Exit   B
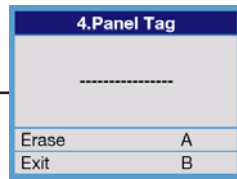
Indicate the text that will appear in the panel display when in standby and user mode.
Use the numeric keypad to write up to 16 characters.

5.ALPHA KEYPAD
Enabled
Exit   B
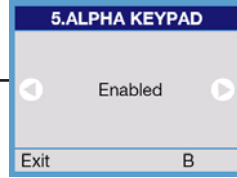
Indicate if you want to disable the alphanumeric keypad, if so you can call the apartments via a search with the "arrow" keys.

6.Available Blocks
Block 00   ✓
Block 01   ✓
Block 02
Block 03
Select   5
Exit   B
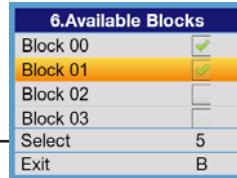
(*) Only if BLOCK# = Some blocks
Select the blocks that may be called from here, G. E.

Restore to Factory Settings
Are you sure you want to restore to Factory Settings?
Confirm   A
Exit   B
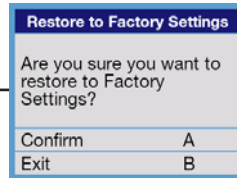
Use this option if you want to restore the panel to its programming factory settings. The panel will disconnect and reconnect automatically within 30 to 60 seconds with the IP 10.200.100.0 (General Entrance and Panel 0).

2.AUDIO SETTINGS

|	-	+	L
Audio Up	1	3	4
Speech	4	6	4
Audio Down	7	9	4
Exit		B	

Set the audio level according to the location´s acoustic conditions.
Use the number indicated to raise/lower the volume and "B" to confirm.
L indicates the current level (from 1 to 7).

3.CALL
1. Ring Tone
2. Retroview
3. Call Filter
4. Filter List

1.RING TONE
Ringback.mp3
Exit   B

Select the type of confirmation ring tone on the panel.

Options
You can select from 5 different ring tones, along with 5 other pre-recorded ones.

2.RETROVIEW
Always
Exit   B

Indicate if if you want the picture taken by its camera to appear on the display.

Options
- Always
- Disabled
- Until answered

3.CALL FILTER
Disabled
Exit   B

Indicate if you want only the information from users on a filtered list of a maximum of 200 users to appear.

Options
- Enabled
- Disabled

4.Filter List

House	000301
House	000208
House	000201
House	000108
Menu	A

It allows you to add, edit and delete the users' filter list (if the option has been enabled).

KEY	PRESS				
	1st	2nd	3rd	4th	5th
1	1				
2	A	B	C	2	
3	D	E	F	3	
4	G	H	I	4	
5	J	K	L	5	
6	M	N	O	6	
7	P	Q	R	S	7
8	T	U	V	8	
9	W	X	Y	Z	9
0	0				
A	FUNCTION RELATIVE TO THE PARAMETER TO PROGRAM				
B	FUNCTION RELATIVE TO THE PARAMETER TO PROGRAM				

This table shows the way to select the letter associated to each of the number keys on the keypad.

You can also enter a space with the "bell" key.

You can go from upper to lower case via the "right arrow" key.

1.LANGUAGE

English

Exit   B

Indicate the language of the screen messages and voice synthesizer.

options
-Up to 31 different languages, with their respective typographies.

2.TFT ACTIVATION

Key pressed or motion sensor

Exit   B

Indicate under what conditions you want to automatically turn the TFT screen on.
Options
-Pressed key or movement sensor
- Allways on
- Pressed Key

3.AGENDA

4 names per screen

Exit   B

Indicate how you want the user name´s information displayed on the screen.

Options
- 4 names per screen
- 1 name per screen

4.TEMPERATURE

Temperature ºC

Exit   B

Indicate how you want the surrounding temperature displayed on the screen (on panels with this function.

Options
- Temperature ºC
- Temperature ºF

5.TFT SETTINGS

	-	+	L
Brightness	1	3	7
Exit		B	

Adjust the TFT display brightness relative to the area´s lighting conditions.

- Use "1" and "3" to increase orreduce brightness.
- Press "B" to exit.

6.Date & Time

1.Set Date
2.Set Time
3.Date Format

Set date and time

1.SET DATE

Month	01
Day	02
Year	2000
Erase	A
Exit	B

Use the «arrow2 keys to move down the different fields to set the current date and confirm with "B".

2.SET TIME

Hour	19
Minutes	46
Erase	A
Exit	B

Use the "arrow" keys to move down the different fields to set the current time and confirm with "B".

3.DATE FORMAT

MM/DD/YYYY

Exit   B

Select the desired date format.

Options
- MM/DD/YYYY
- DD/MM/YYYY
- YYYY/MM/DD

7.ADDITIONAL INFO

Enabled

Exit   B

Indicate if you want the additional user information (2nd line) to appear.

Main Menu (left)

1.Language
2.TFT Activation
3.Agenda
4.Temperature
5.TFT settings
6.Date & Time
7.Additional Info

Relay Settings

1.Relay 1 time
2.Relay 1 tag
3.External relay 1
4.Relay 2 time
5.Relay 2 tag
6.External relay 2
7.Lift control relay

1.Relay 1 time

05

Erase   A
Exit   B

Indicate the time in seconds that relay 1 is open after activation.

2.Relay 1 tag

Press -> to change the case of letters

Erase   A
Exit   B

This text is viewed on the monitor to activate the relay.
You can enter a name of up to 16 digits.
See table on the back of these instructions.

3.EXTERNAL RELAY 1

Block	001
Group	000
Module	000
Relay	0
Erase	A
Exit	B

Set the corresponding external relay parameters that will activate simultaneously with relay 1. Set the parameters relative to the device´s assigned IP.
See the LYNX Property Management Unit Manual for more details.

4.Relay 2 time

05

Erase   A
Exit   B

Indicate the time in seconds that relay 2 is open after activation.

5.Relay 2 tag

Press -> to change the case of letters

Erase   A
Exit   B

This text is viewed on the monitor to activate the relay.
You can enter a name of up to 16 characters.
See table on the back of these instructions.

6.EXTERNAL RELAY 2

Block	001
Group	000
Module	000
Relay	0
Erase	A
Exit	B

Set the external relay parameters that will simultaneously activate relay 2 According to the system´s configuration.
See the LYNX Property Management Unit manual for more details.

7.LIFT CONTROL RELAY

Block	001
Group	000
Module	000
Relay	0
Erase	A
Exit	B

Set the corresponding parameters for the lift control relay, relative to the general system programming.
See the LYNX Property Management Unit manual for more details.

5.ACCESS CONTROL

1.Relays
2.Door Sensor Time
3.Pin Code
4.Installer Code
5.Proximity Reader
6.Authorization

2.Door Sensor Time

000

Erase   A
Exit   B

If you have installed an open-door detector to control it, adjust the maximum time this can be open before generating the corresponding alarm.
Leave as "000" if you will not use this function.

3.PIN CODE

1.Pin Code Enable
2.Pin Code Length
3.Prox + Pin

Enter the PIN code (as a combination or not with the presentation of a proximity card) that the users can use to open the door. These codes and cards would have been programmed by the system administrator

---

4.Installer Code

*****

Erase   A
Confirm   B

This option allows you to change the INSTALLER CODE.
You can enter any numeric value from 00000 to 99999 or present the master card (if there is a proximity card reader).

5.PROX. READER

Wiegand-26

Exit   B

If the panel has a proximity card reader, with this parameter we can select which protocol it will use: Data/clock, Wiegand 26, Wiegand 32 or Wiegand 44.

6.AUTHORIZATION

Egress Button:
1   Enabled
Apartment:
2   Enabled
Exit   B

With this option we can enable or disable the option to open the entrance hall door from the apartments and/or from the entrance hall´s exit button.

6.NETWORK

MAC address:
28:04:E0:00:03:4E
IP address:
10.200.1.1
R_V02.00.008
Exit   B

The informative screen indicating the panel´s MAC, along with the assigned IP address.

DISPLAY TECHNICAL SPECIFICATIONS

SIZE:	3.5 inches
FORMAT:	4:3
RESOLUTION:	320 x 240 pixels
COLORS:	262.000
CONTRAST:	500/1
VIEWING MODES:	12 points:
LUMINANCE (cd/m^2):	400 nits
VIEWING ANGLES:	160H / 160V
BACK LIGHTING:	6 LED diodes

IMPORTANT NOTE:
This instruction sheet has the basic information, both for the installation of the module and programming.
Please see the following manuals for all of the information on the operation, installation and programming of the LYNX system:
- Lynx Digital Panels Programming Manual Code 97746
- Lynx Property Management Unit Manual. Code 97742
- Lynx Digital Panel Web Server Manual. Code 97744
- Lynx Digital Panels Installation Manual Code 97743