

Product Code

F07711

DUOX PLUS CORA PANEL S8

Reference	EAN
7711	8424299077116

Description.

Description

CORA represents the excellence and evolution of Fermax's DUOX PLUS street panels, not only for its elegant aesthetics, but also for being one of the most interactive street panels on the market, both for the user and the installer.

Its **user interface** is highly intuitive and is displayed on a 5" color screen, with which any user can interact from the backlit mechanical keyboard, which is pleasant to the touch and accessible to everyone:

- As a distinctive element of its personality, the design includes a **wave of LEDs** that, through color changes and light movements, transforms the user experience into something interactive and unique.
- Mechanical keyboard with **markings for the blind** on keys 5 and BELL.
- **Informative pictograms** of the communication status (calling, in communication, door open, channel busy).
- Possibility of optional **magnetic loop** connection for people with hearing aids (request ref. 7722 separately)

- Step-by-step **guided usability** and color change on the backlit keys in synchronization with the information displayed on the screen.

Configuration **and management** is very simple and can only be done from a mobile phone/tablet/PC, using a webserver and without having to open the panel. To do this, the installer must stand in front of it and connect to the Wi-Fi access point generated by it. This way, the following can be managed:

- Configuration parameters.
- Resident and janitor directory.
- Access control (keypad codes, RFID reader)
- Test installation and update firmware versions.
- Uploading and customizing images, logos, text and voice messages (2 languages can be selected to be played consecutively).

AUDIO

High quality audio thanks to the CDS (Cora Dynamic Sound) system, which incorporates a CDS speaker and 2 CDS digital microphones.

COMMUNICATION

- Calls can be made in two ways:
- by entering the corresponding code assigned to the home + the "bell" key.
- by searching the electronic directory for the resident or concierge and once found by pressing the "bell" key.
- The call can be numeric, alphanumeric, block, etc.
- It is possible to call the concierge directly by pressing the BELL key. If there is more than one, the list is displayed on the screen for selection.

CAMERA

It includes a WIDE ANGLE COLOR camera with integrated scene lighting on both sides of the camera and a regulation system for camera focus. The camera image is adjusted from the webserver.

SCREEN

The screen is activated by presence sensors or by touching a key.

The screen brightness level can be automatically adjusted based on the ambient light level.

It includes the *Retroview* function , which allows the visitor to see in real time the video captured by the camera during calls and conversations.

ACCESS CONTROL

- Door opening by PIN number on the keypad (up to 10,000 different users/codes).
- Door opening using RFID proximity card (EM) or proximity keychains (up to 10,000 keychains).
- Combination of the two previous ones for greater security.

VILLA MODE
It is possible to configure the panel to function as a single-family home panel.
In this case, the call will be made by directly pressing the Bell key.
This makes CORA the video intercom solution for villas seeking distinction, elegance and technology, as well as security, since access control functions by keypad code, proximity key fobs or a combination of both will continue to be available.

MOUNTING

CORA can be installed in a **surface** box or in a **flush-mounted** box , which must be ordered separately.

In the case of replacement **, an existing City/Skyline flush-mounted box** (S6 or S8 depending on the size of CORA) can be adapted by separately ordering the flush-mounted mounting set ref. 7708.

Other accessories are also available , such as a decorative frame, an angle complement, a visor and a directory plate. It is possible to combine two or more plates, as long as they are from the same series. To fit them together perfectly, a set of spacers ref. 8829 must be used for every two plates that are installed, between their flush-mounted boxes.

CORA S8

CORA in S8 size can accommodate RFID proximity readers from other manufacturers. Its S8 size makes it easy to retrofit into Cityline/Skyline S8 flush-mounted boxes.

The black front display can be replaced by the front display with proximity iconography (ref. 7720), which includes a fixing element for readers from other manufacturers.

The proximity reader can be connected to an external door controller or to the Wiegand input of the CORA panel.

Technical Details

Notice: Starting with version V44.15, the iLOFT phone is compatible with the CORA v01.03.003 panel

Feeding

- Nominal: 24Vdc NON-POLARIZED (polarization is not considered during installation). Can be powered directly from the DUOX Bus

Environmental

- Operating temperature: [-25ºC, +55ºC]
- Relative humidity (non-condensing): [5%, 95%]
- Ingress Protection Rating (IP): 65

Mechanics

- Dimensions

Product height (mm)	Product width (mm)	Product depth (mm)	Deep (what protrudes on the surface including the box)	Deep (that which protrudes embedded)
390.5	130	27.9	30	10

- Impact resistance rating (IK): 08

State	Maximum consumption (mA) at 24V	Maximum consumption (mA) at 18V
Start	250	345
Repose	165	225
Screen on	235	310
Call	385	555
Conversation	470	700

Camera

- Angles: H=120º; V=80º
- Color night vision via white LEDs. Because it has LEDs, no additional lighting is required.
- Camera resolution: 1280 x 720 pixels

- Video resolution on monitor:
- Premium Video (default option on 7" monitors): 720 x 480
- Standard Video: 368 x 288

Screen

- Size: 5” in 4:3 vertical format
- Resolution: 640 x 480 pixels

Note: Fermax guarantees an IP65 rating for the panel and housing combination (flush-mounted/surface-mounted), as well as for the Cora Directorio S6 panel. In any other situation, the IP/IK rating may be compromised. It is recommended that the assembly be sealed once installed.

Details.

Weight (kg)	Packaging measurements (height x width x depth) cm	Video Door Entry system Technologie
1.97027	5x43,9x17	DUOX

Manuals

- 970316c Guia rapida Placa Cora V12_25.pdf
- 970317A Manual instalador Placa CORA V04_25.pdf
- 970317E Manual instalador Placa CORA V04_25.pdf
- 970317F Manual instalador Placa CORA V04_25.pdf
- 970317I_Manual_instalador_Placa_CORA_V02_25.pdf
- 970317O Manual instalador Placa CORA V04_25.pdf
- 970317P Manual instalador Placa CORA V04_25.pdf
- 970317V Manual instalador Placa CORA V04_25.pdf

Declaration of conformity

- DOCF07711EN.pdf

Accessories



F07716
CORA DECORATIVE FRAME S8



F07717
CORA DOUBLE FRAME S8



F07713
CORA FLUSH BOX S8



F07714
CORA SINGLE ANGLE BOX S8



F07719
CORA SURFACE BOX S8



F77191
CORA SURFACE BOX S8 ACCESS CONTROL

Video

- https://www.youtube.com/playlist?list=PLf1YNFmssC34C_y9GNHsIciAZdrG2f4gk