

FARFISA

INTERCOMS SINCE 1967

DUO
S Y S T E M

**Catalogue
two wires**

DUO
S Y S T E M



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History & Future

55 years of experience and responsibility to invent the future and work every day, alongside new customers and historical partners. Farfisa: a mature brand, a **Superior Quality Artisan Industry** devoted to "Totally Made in Italy". **A strong, decisive, accomplice ally at every latitude.**



Global markets

Project and production concentrated in our factory, a nearby supplier base with a **product that has always been present in more than 60 countries around the world. Technical Office, and Assistance and Customer Service** ready and trained to interact with the culture and functional needs of each country in which we operate.

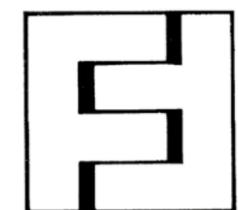


Do you know that



Goods.	Applicant.	No. of Application.	Date
Musical instruments including electric, electronic and mechanical musical instruments, mechanical, electrical and electronic apparatus for use with musical instruments and parts and fittings for all the aforesaid goods; recorders, amplifiers, loud-speakers, all being musical instruments or parts of musical instruments.	FARFISA S. P.A.	B 210,998	14.6.67 15

(Registration of this trade mark shall give no right to the exclusive use of the letters FF.)



DATE CLAIMED SECTION (109) Italy 30/9/66

Accepted. 31 JUL 1969
Registered. 19 FEB 1970
REG. RENEWED 30 MAY 1974

Technology Products Services

Farfisa means **top quality technology, products and solutions, verticalized in the Video entry door sector** to meet the trends of contemporary use. A **"product-service" system** that offers design, comfort and "tailor made" systems for important installations and large complexes. Beauty, performance, reliability: the real Made in Italy in the world.

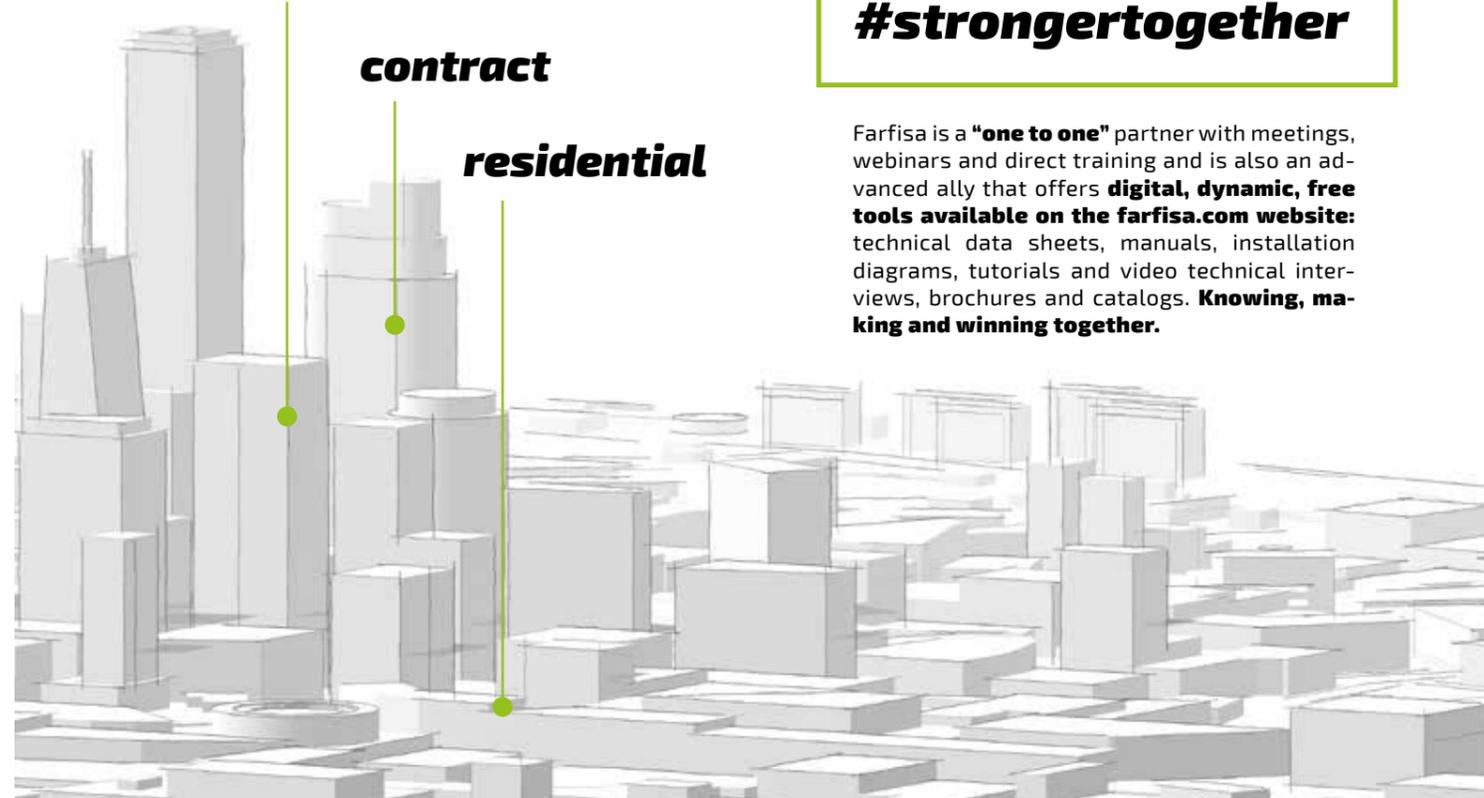


FIELDS:

real estate

contract

residential



#strongertogether

Farfisa is a **"one to one"** partner with meetings, webinars and direct training and is also an advanced ally that offers **digital, dynamic, free tools available on the farfisa.com website:** technical data sheets, manuals, installation diagrams, tutorials and video technical interviews, brochures and catalogs. **Knowing, making and winning together.**



CASE HISTORY

Hereby we introduce important projects, special for different reasons: power, wideness of the installation or because we were able to satisfy a particular request of the customer. Yes, correct, **problem solving and customization are our points of strenght**: carefully listening to the customer, we analyze and plan a solution, sometimes really "tailor-made" for that specific installation.

PROJECT

Listening the description of the customer' request. In this phase people communicate needs and specifications: relationship between Farfisa and the customer is at top.

ANALYSIS

Analyzing the request together. During this step, sales and technical teams meet and value the specifications together.

SOLUTION

Offering **Farfisa Solution**. The Company is able to select amongst its catalogue and offer the corresponding proposal or, in case the project is worth, the Corporate will supply the customized solution, perfectly adherent to the requests.



48

Guatemala City - Guatemala

Edificio Caprese

Video system with **digital Duo System** composed by 3 Solvo outdoor stations and **48 apartments**, each with 2 EX3262C monitors, divided on 2 independent risers, with PDX2000 **switchboard exchanger**, 20 Z281Q actuators for integration with elevators. The luxury system requires the "elevator" function and calls through "alias" without neglecting elegant image, reliability also in "turn-key delivery" and made in Italy. **There, Farfisa system configuration is customized.**



+1400

Dublin - Ireland

Honey Park Dun Laoghaire, Co.

Video system with more than **1400 users**, solved with digital Duo System technology and composed of **Solvo** outdoor stations and EX352 indoor stations with **PDX2000 switchboard**. The large volume installation in terms of number of users and distances required integration with solutions that provided accessibility to the world of disabled people as a must and also compatibility in integration with the alarm system already provided: Farfisa dedicated solution with Duo System



+2550

Jeddah - Saudi Arabia

Al Raidah Housing Complex Project

Extended residential complex located on the outskirts of Jeddah, with Farfisa video door entry system with **Duo System technology**. System consisting of **74 towers**, **74 Solvo video door entry units and 2556 ZHeroS internal units**: these are the impressive numbers of the Jeddah plant. The project has seen a considerable change in the specifications after the work has started, in fact the client has decided to prefer a video door entry system to an audio system that they had already started to install.



+2800

Cairo - Egypt

Elkhmail Compound, October City

A stone's throw from Cairo, we operate in the Compound Elkhmail, an important building complex currently in progress whose plan includes **more than 400 buildings** (both residential, business and commercial buildings), in which Farfisa was awarded the contract for the plant audio and videointercoms. The specifications are: guarantee of security and maximum reliability, flexibility in solutions and precision in deliveries. The challenge is fascinating, the offer and the times, compliance with the agreements must be perfect. Farfisa offers flexible solutions entrusted to the Duo System technology that solves safety problems, distances, high number of users.

Duo System, the digital videointercom with 2 non-polarised wires, continues to evolve, now we are in front to a really competitive evolution: the advent of the GW2IP gateway allows enviable performance guaranteed by the top of Farfisa R&D. The Duo bus in fact integrates with the IP network, opening new frontiers without borders.

Duo System is a 'pure 2-wire' system, thanks to the new **ALBA**, **HERO**, **SOLVO** and **AGORÀ** push-button panels.

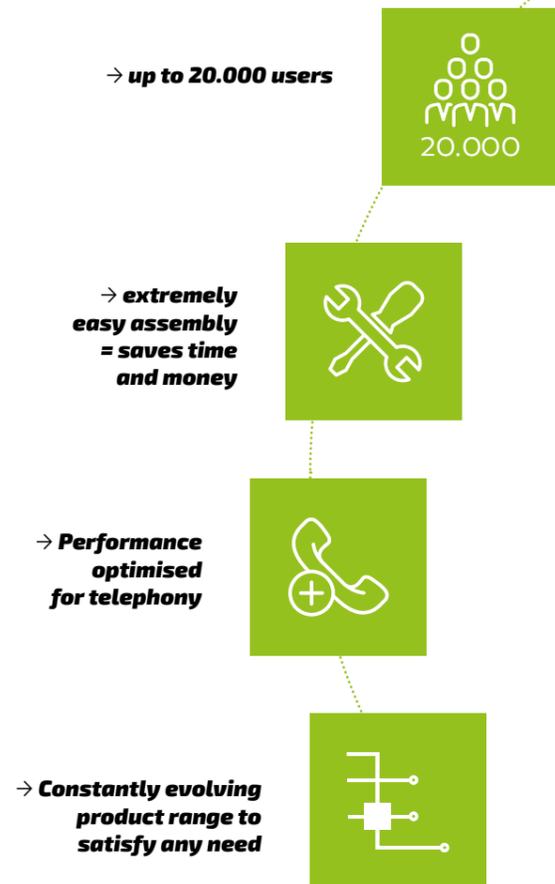
Like all the other components adopting this technology, they are powered directly by the 2-wire bus, which further optimises the installation phase. As always, also **PROFILO** and **MATRIX** series are available.

Duo System proposes as internal stations **Sette** range with 7" screen, the various versions of **ZHero** and **Exhito**. Max number of users is 20.000, an important upgrade on the system, reached even thanks to 2231Q separator.

Further performances, more and more requested and therefore enhanced: the integrations with the Video surveillance systems, which reach a level previously unthinkable thanks to the modulator, as well as those with Telephony, thanks to FTDUO. Important supports are given by **Bluetooth technology**, available for the comfort of the installer and the user. **Duo System can be adopted with:**

Welcome to DUO SYSTEM

functions



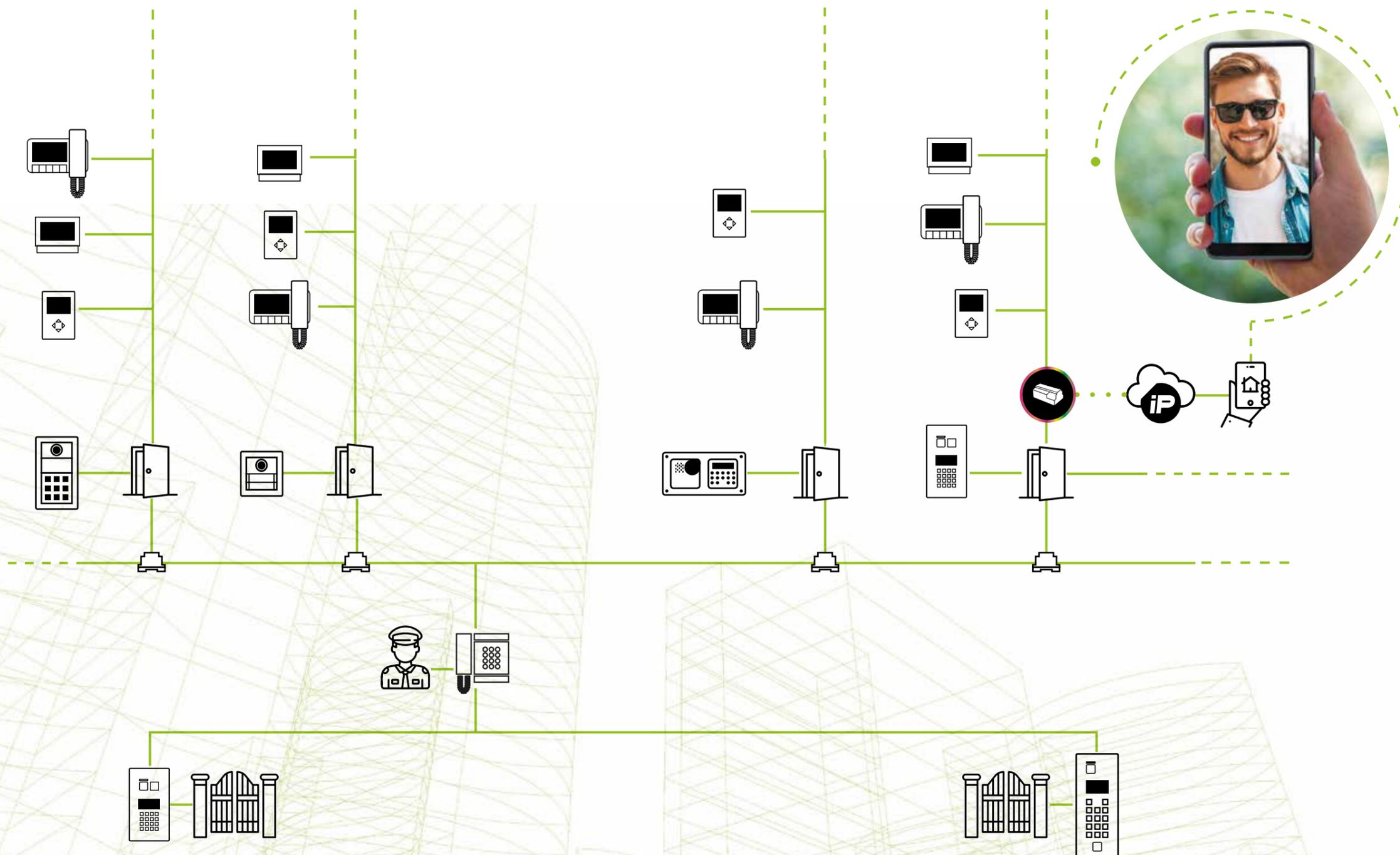
technical features

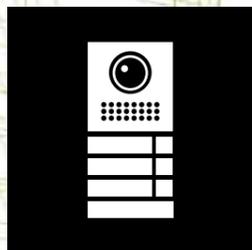


"Exponential Communication"

“Exponential Communication”

- up to **20.000 users**
- up to **1.000 door panels**
- video call to **smartphone**

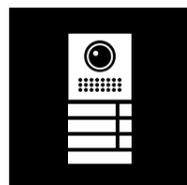




→ door panels

Besides **Alba**, the most flexible and versatile door panel by Farfisa, all the main door panels are compatible with the Duo System. More specifically, there is the latest addition to the range, the strong **Hero**, alongside **Solvo**, the modular **Agorà**, **Profilo** and **Matrix** solutions – all with integrated electric door speaker. With Alba, Profilo and Matrix, calls

can be made through push buttons or through the digital keypad: Duo can now accommodate **up to 20,000 users**. The products have compact dimensions thanks to the modules with 2 buttons on a single row. The fact that Alba, Hero, Solvo and Agorà are powered directly by Duo System bus translates into less time required for their installation and even greater savings.



elegance
modularity
flexibility

Alba features superior and refined design, modularity and flexibility are the key words describing a range that guarantees countless usage options. These compact, self-powered modules allow for making conventional or digital calls. Front plate in anodized aluminum with brushed finish. Compositions or standalone solutions with

various elements between compact modules with camera, call buttons, digital keypad or access control, display module LCD, proximity reader and different accessories and elements of installation create a truly comprehensive line for all needs.

audio and video modules



CV2124AB

Dim: mm 99x91x9.

Audio-video module ready up to 4 call buttons. Door speaker and colour wide angle 2.3 mm lens camera included. Powered by the bus.



CA2124AB

Dim: mm 99x91x9.

Audio module ready up to 4 call buttons. Electric door speaker included. Powered by the bus.



CT2138AB

Dim: mm 99x91x9.

Button module ready up to **8 additional call buttons**, for combination with CA2124AB or CV2124AB. Auto programming allowed.

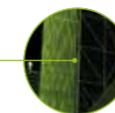
digital keypad



PD2100AB

Dim: mm 99x91x9.

Digital keypad module, backlit. It allows the internal call through the coding of the corresponding number and door opening through reserved code. Could be used as a single product for access control or combined with DD2140AB, to CA2124AB, to CV2124AB or to the AB3G. If combined with CA2124AB or CV2124AB, it allows to activate remote actuators. If combined with XE2922, the system clock is used for timed functions. Programming manually or via Bluetooth. It can manage up to 1000 codes, equipped with 2 internal relays.



full performance
more modules / more functions



XE2922

Alba bus expansion board, allows the **integration of Bluetooth technology** in the push button panel. It allows access control simply via smartphone with dedicated app, available for free on the App Store and Play Store. The lock opens via virtual keyboard and personal numeric code or with a simple screen touch, in case the smartphone has been previously associated to the device.

display module



DD2140AB

Dim: mm 99x91x9.

3.5" graphic LCD display module. Electronic index is integrated allowing to scroll and select the single user. It can be combined with PD2100AB keypad, CA2124AB audio module or CV2124AB audio-video module. Max address book capacity: 1000 users.

other modules**AB00**

Dim: mm 99x91x9.

Blank module to be used to complete the panel composition.

AB50

Dim: mm 99x91x9.

Street number module.

FP51SAB

Dim: mm 99x91x9.

Proximity reader module, with RFID and Bluetooth technology, It allows to manage access through cards/ tags and via smartphone, provided with dedicated app "Smart Access"

accessories

AB20 - Dim: mm 90 x 22 - **Single button** aluminium blank module. To be mounted on CA2124AB, CV2124AB or CT2138AB.

AB21 - Dim: mm 90 x 22 - **Single or double call button**, according to the programming of CA2124AB or CV2124AB. To be mounted on CA2124AB, CV2124AB or CT2138AB. Braille is embossed to make it recognizable to visually impaired users. Backlit with white led.

installation elements

AB61 - Dim: mm 124x124x9 - **Front frame** for **1** module, in anodised aluminium.

AB62 - Dim: mm 124x215,5x9 - **Front frame** for **2** modules, in anodised aluminium

AB63 - Dim: mm 124x307x9 - **Front frame** for **3** modules, in anodised aluminium.

AB71 - Dim: mm 119x119x36 - **Module frame** for **1** module in die-cast aluminium. To be mounted with AB61; in case of flush mount, SC1 is also required.

AB72 - Dim: mm 119x210x36 - **Module frame** for **2** modules in die-cast aluminium. To be mounted with AB62; in case of flush mount, SC2 is also required.

AB73 - Dim: mm 119x302x36 - **Module frame** for **3** modules in die-cast aluminium. To be mounted with AB63; in case of flush mount, SC3 is also required.

AB81S - Dim: mm 125x125x30. **Box** for the installation of **1** module of Alba range with surface mounting. In painted metal.

AB82S - Dim: mm 125x216,5x30. **Box** for the installation of **2** modules of Alba range with surface mounting. In painted metal.

AB83S - Dim: mm 125x308x30. **Box** for the installation of **3** modules of Alba range with surface mounting. In painted metal.

AB91 - Dim: mm 140x137x62 - **Rain shelter** in aluminium for surface mounting, **1** module

AB92 - Dim: mm 140x229x62 - **Rain shelter** in aluminium for surface mounting, **2** modules.

AB93 - Dim: mm 140x320x62 - **Rain shelter** in aluminium for surface mounting, **3** modules.

AB94 - Dim: mm 264x229x62 - **Rain shelter** in aluminium for surface mounting, **4** modules (2 double joined).

AB96 - Dim: mm 264x320x62 - **Rain shelter** in aluminium for surface mounting, **6** modules (2 triple joined).

SC1 - Dim: mm 122x119x45 - **Back box** for **1** module.

SC2 - Dim: mm 122x210x45 - **Back box** for **2** modules.

SC3 - Dim: mm 122x302x45 - **Back box** for **3** modules.

EC733 - Alba optional connecting **cable**. It can be used to connect the bottom ALBA module of a row to the top ALBA module of the next row, in case the rows feature 3 x module. In this scenario, its use is mandatory only if it's strictly requested to have an increasing numbering scheme from the top to the bottom of each row of buttons. To be strictly used necessarily only in case you want to keep an address of the keys rising from the top to the bottom of the push button.



top antivandal
max accessibility
forefront performance

**TD2000HE**

Dim: mm 205x500x2

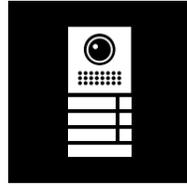
Video door entry panel with digital call, a single complete and flexible element. Hero is designed for Duo video systems **powered by bus**, it is ready for integration of a proximity reader. It can manage up to 500 users and their passwords. With plate and 14 keys made of marine-grade 316L stainless steel, Hero is secured by **6 security torx screws** and is installed with **flush mounting** with 61 mm deep box of which Hero is already stocked. **2 independent outputs**: 1 for electric lock and 1 with relay for automatic gate or other lock. **Programming** can be done via Bluetooth, with the Duo app for iOS and Android or through integrated digital keyboard.

It is also an **extremely accessible product to the disabled people** (DDA compliant - Disability Discrimination Act) for:

- **voice prompt** for audio indication of the call or system status (in various languages, deactivated by programming)
- raised, large, backlit **keys in Braille** also evident in the outline, more visible also for the visually impaired
- **large, backlit graphic display**, such as status icons, for optimal reading even in unfavorable lighting conditions
- **wide angle camera** as **standard**, for greater security and for allow a correct view of any category of visitor
- series integration of inductive **loop** for coupling with devices hearing aids for the hearing impaired

**XE2922**

Internal bus expansion board, allows integration of Bluetooth technology in the door station. It allows access control simply via smartphone with dedicated app, available for free on App Store and Play Store. It opens the lock via virtual keyboard and personal numeric code or with a simple screen touch, in case the smartphone has been previously associated with the device.



SOLVO

solidity
integration in one module
configurability

Compact, solid and practical, Solvo is a single module, self-powered, designed to serve even large residential estates and big apartment blocks. A real solution for a modern and reliable digital video entry panel, it already includes

plate made in stainless steel with TORX security screws, backlit keypad, bigger display, signal leds. Wide angle camera (in video models), ready to be mounted with proximity reader and vigik system, in the dedicated versions.

door panels

TD2000

Dim: mm 170x306x2.

Digital video door panel. An only element composed by color camera, 16 buttons, 4 icons for system status and alphanumeric LCD. It allows to dial and send calls on digital Duo bus. 3 white led's for camera. Door lock drive time: programmable depending on the needs of the installation, as many other functions.



TD2000A

Dim: mm 170x306x2.

Digital intercom door panel. An only element composed by 16 buttons, 4 icons for system status and alphanumeric LCD. It allows to dial and send calls on digital Duo bus. Door lock drive time: programmable depending on the needs of the installation, as many other functions.



TD2000R

Dim: mm 170x306x2.

Digital video door panel. An only element composed by color camera, 16 buttons, 4 icons for system status and alphanumeric LCD. It is ready to be integrated with **proximity reader** FP2000 module or vigik system. It allows to dial and send calls on digital Duo bus. 3 white led's for camera. Door lock drive time: programmable depending on the needs of the installation, as many other functions.



TD2000RA

Dim: mm 170x306x2.

Digital intercom door panel. An only element composed by 16 buttons, 4 icons for system status and alphanumeric LCD. It is ready to be integrated with **proximity reader** FP2000 module or vigik system. It allows to dial and send calls on digital Duo bus. Door lock drive time: programmable depending on the needs of the installation, as many other functions.

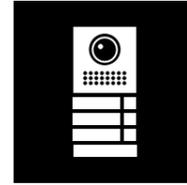
accessories

FP2000 - Proximity reader module, complete with RFID antenna and accessories for the mounting in Solvo door panels, TD2000R and TD2000RA models. It allows to manage access for max 400 users with corresponding cards (FP11/10 or FP12/10). It is provided with a relay (programmable in monostable/bistable working), with 24Vac/2A contacts, for door opening or other services activation. Programming through button and led, Master Card or PC software. It can be powered by PRS210.

installation elements

2905/0 - Rain shelter in stainless steel for surface mounting of all Solvo models. It allows the installation where the built-in is not required, it allows to guarantee the necessary solidity and mounting easiness. Dim: mm 174x310x75.

TL2000 - Accessory coil antenna for Solvo door panel to be inserted into Solvo door station. It allows the compatibility with Solvo door panel and the hearing aid for hearing impaired users.



AGORÀ

reduced dimensions
easiness of use

Agorà stands out for the simplicity of the project: modular and reduced dimensions (in width less than 10 cm)

with surface mounting allow solutions that meet many requirements, even renovation of installations with various requirements.

door panels

VD2101AGL

Dim: mm 99x208x30

Composed by surface mounting box, front plate with frame, cover, doorspeaker, adjustable **colour camera** with 3.6 mm pin-hole fixed lens and 1 call button, second button can be added. Max 2 calls, no possibility of expansion. Powered by the bus, that allows to simplify the wiring.



AD2101AGL

Dim: mm 99x208x30

Composed by surface mounting box, front plate with frame, cover, door speaker and **1 call button**, second button can be added, no possibility of expansion. Powered by the bus, that allows to simplify the wiring.



accessories

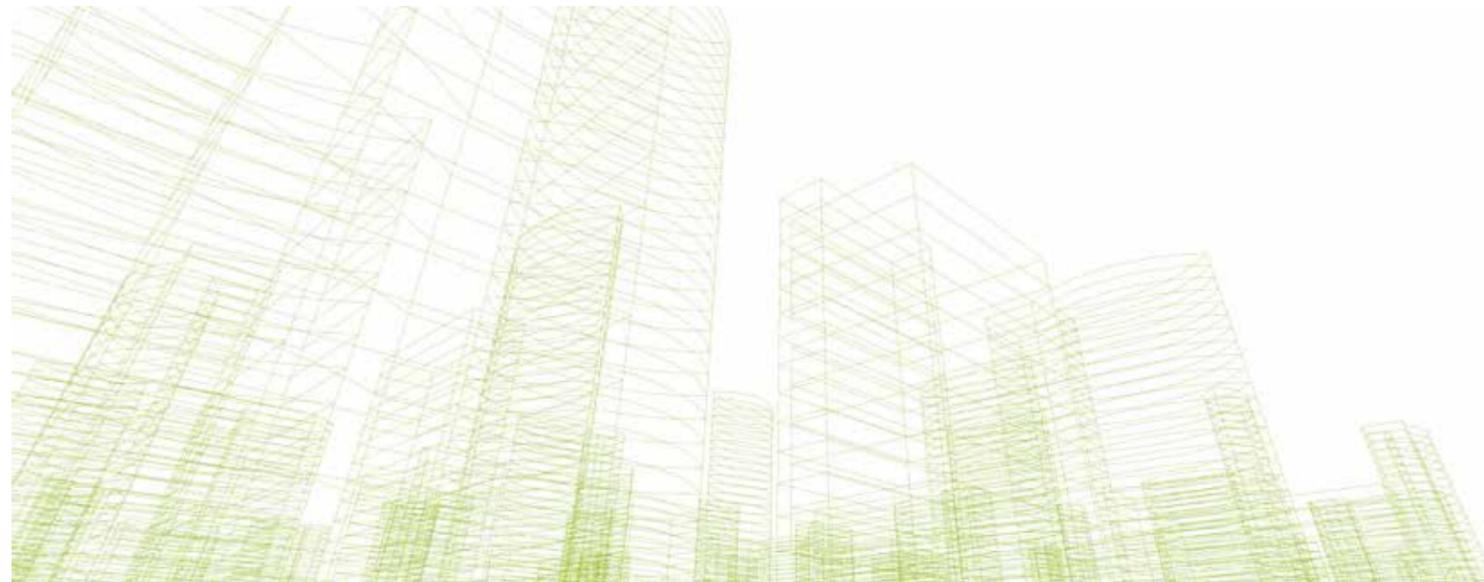
AGL20 - Blank module.

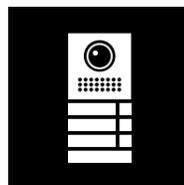


AGL21 - Single call button module with name - holder.

installation elements

WA12AG - Dim: mm 146x254 - Wall adaptor including anodized aluminium rain shelter that allows the replacement of an existing built-in Mody door panel (**2 modules**) with a surface Agorà module. It is supplied with holes conceived to cover the previous mountings with MD71 or MD72.





MATRIX

guaranteed anti-vandal
elegance
modularity
even for big number of users

Matrix withstands tampering, penetration of solids and water jets. These technical specifications are guaranteed by IP45 and IK09 against external solid bodies and shocks. Total reliability even thanks "snake eyes" security screws.

Completely made in AISI 316L stainless steel. Thanks to modularity it guarantees video or just intercom installations even for high number of users and even in horizontal configuration.

audio and video modules



VD2120CMAS

Dim: mm 115x115x14

Colour audio-video module without call buttons. Camera is +/-10% horizontal and vertical adjustable, with 3.6 fixed lens. To be installed together with CD..MAS module with buttons or with TD2100MAS digital keypad module.



AD2110MAS

Dim: mm 115x115x14

Audio module without call buttons. To be installed together with CD..MAS modules with buttons or with TD2100MAS module with digital keypad.



digital keypad

TD2100MAS

Dim: mm 115x115x14

Digital keypad with stainless steel front plate and 14 buttons. Equipped with 16-digit display on 2 lines. It allows the call by dialling the corresponding number and electric lock release by entering the private code. The electronic index is also integrated, which gives the possibility to scroll the names in alphabetical order and select the desired one. This integration allows to further reduce space compared to other compositions. To be joint to VD2120MAS or AD2110MAS. It can store up to 250 user names.



conventional door panels

To be used in composition with VD2120CMAS or AD2110MAS.



CD2131MAS

Dim: mm 115x115x14

Encoder with **1 button** for conventional external station, it can code up to 128 users.



CD2132MAS

Dim: mm 115x115x14

Encoder with **2 buttons** for conventional external station, it can code up to 128 users.



CD2134MAS

Dim: mm 115x115x14

Encoder with **4 buttons** for conventional external station, it can code up to 128 users.



MAS24S

Dim: mm 115x115x14

Additional button module with 4 buttons with button encoding integrated for conventional external station.



MAS20

Dim: mm 115x115x14

Blank module to be used to complete the assembly.

installation elements

MAS61 - Dim: mm 140x140x14 - **Front frame** matt titanium grey colour for **1 module**. Provided with "snake eyes" security screws type.

MAS62 - Dim: mm 140x257x14 - **Front frame** matt titanium grey colour for **2 modules**. Provided with "snake eyes" security screws type.

MAS63 - Dim: mm 140x374x14 - **Front frame** matt titanium grey colour for **3 modules**. Provided with "snake eyes" security screws type.

MA71 - Dim: mm 128x128x65 - **Back box** for **1 module**.

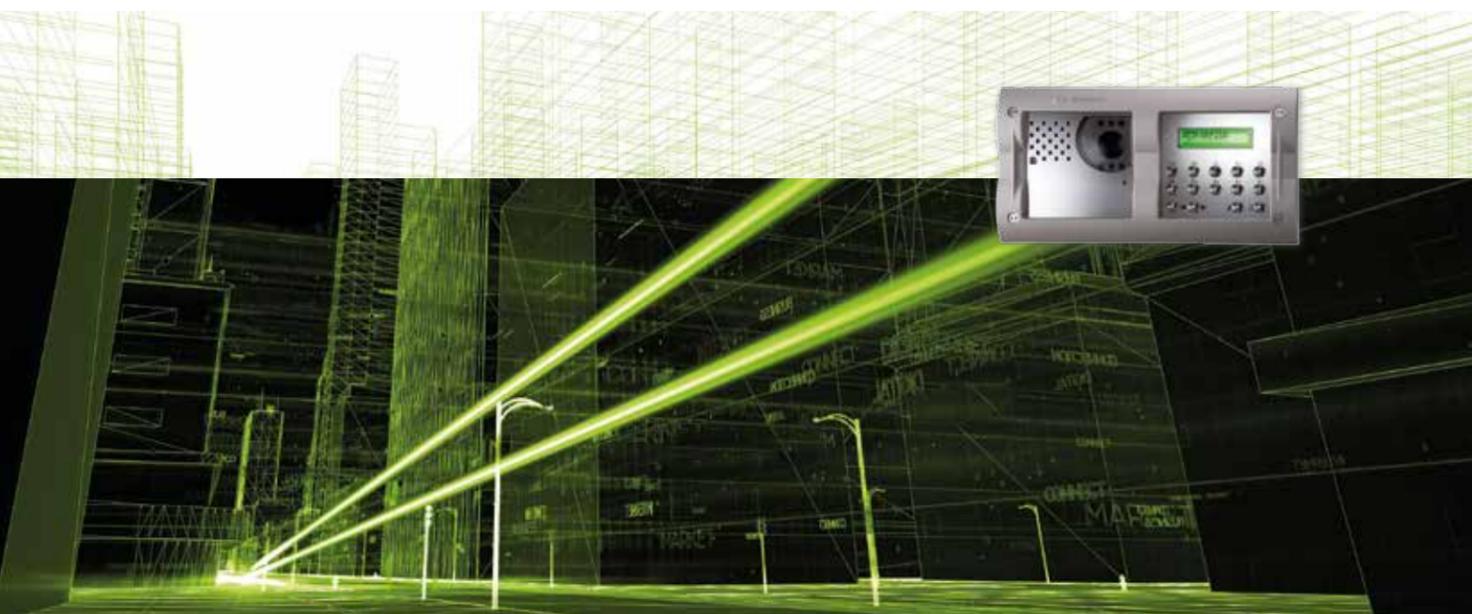
MA72 - Dim: mm 128x245x65 - **Back box** for **2 modules**.

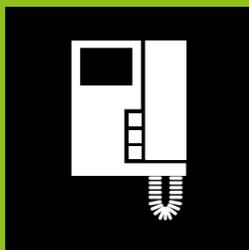
MA73 - Dim: mm 128x362x65 - **Back box** for **3 modules**.

MA91 - Dim: mm 146x145x92 - **Rain shelter** for **1 module**. Made in stainless steel.

MA92 - Dim: mm 146x262x92 - **Rain shelter** for **2 modules**. Made in stainless steel.

MA93 - Dim: mm 146x379x92 - **Rain shelter** for **3 modules**. Made in stainless steel.

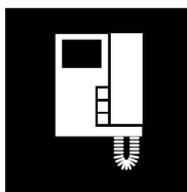




→ internal stations

Among the proposals for internal stations for Duo installations, the top-of-the-range series are represented by the new **Astro** and the **Sette** and **Zhero** lines. All the solutions offer maximum performance for colour video door entry systems, with superior design and ergonomics.

Thanks to the many versions with different design and features, Farfisa guarantees an extensive assortment to satisfy the most stringent aesthetic and performance requirements. There are no limits with regard to customisation and attention to customer needs.



ASTRO

ergonomic design
compact, 4,3" screen
versatile

ASTRO is the line of internal stations that represents the answer to the most recent transversal requests for building communication. Compact in size, Astro is characterized by an essential and fresh look that adapts to, indeed can enhance,

any furniture both in the intercom and video intercom versions. The design is particularly refined with the aim of offering maximum ease of use: large keys, ergonomic handset, luminous signals, simple and intuitive icons.



AT9262

Dim: mm 180 x 92 x 43

White videointercom, equipped with 4.3" LCD screen, 4 buttons (one of which is door opener and one for auto switch-on), 2 of which have double function. Some of the technical features: bell exclusion, 2 signaling LEDs, 4 available ringtones, alarm function. Programming via **Bluetooth**, flush mounting. Wall bracket in metal included.



AT962

Dim: mm 180 x 92 x 43

White intercom, equipped with 4 buttons (one of which door opener), all with double function. Some of the technical features: office function included as standard, bell exclusion, 2 signaling LEDs, 4 ringtones available, Flush mounting and programming via **Bluetooth**.



AT972

Dim: mm 125 x 92 x 43

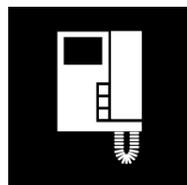
White intercom, hand-free model. Provided with 4 buttons, one of which door opener, one for conversation activation and 2 with double function. Some of the technical features are: bell exclusion, 3 signalling LED's, 4 available ringtones.

ASTRO
look beyond



Astro, look beyond





7" screen
essential design
hand-free

**SE4252**

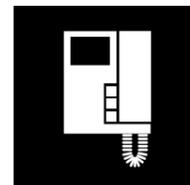
Dim: mm 194x156x25

Color hand-free videointercom with 7" LCD screen. Soft touch control for door opening and conversation, 4 buttons for intercommunication, auto-switch on and additional functions. Signalling LED'S for door open and bell exclusion. Possible further expansions through OSD menu. Surface mounting, wall bracket in metal included.

**TA4260**

Dim: mm 150x149x125.

Table adaptor. Made in transparent / white methacrylate, it allows the practical usage of the videointercoms resting on a table. Provided with 2.4 m cable.



hand-free
advanced audio system
elegance
backlit keys

**ZH1252WE (ZheroS)**

Dim: mm 123x168x29.

White colour videointercom, **4.3" screen**, programming through DIP switch. Door open and bell exclusion signalisation. Two buttons for configuration additional services: call to the doorkeeper exchanger, intercommunicating service. Extremely reduced shape and surface mounting, wall bracket in metal included.

**installation elements**

TA1260 - Dim: mm 110x88x108 - **Table adaptor** for ZH1252WE.

→ door keeper exchanger

**PDX2000**

Dim: mm 209x186x67

Digital door - keeper exchanger, white colour. Available functions: internal station-internal station and external station-internal station communication, auto-insertion on external door station, day/night shunted switching, lost calls management. Further features: insertion on a busy user, opening of many doors even on non-specific demand, servant function, different colour for display lighting. Multiple door-keeper exchangers system allowed. Updating or data import through memory card. Call queuing and calls booking are available.

**ST7100CW**

Dim: mm 156x224x61

Colour monitor, 4" LCD screen, adjustable in inclination, auto switch-on button and an additional one. To be joint to PDX2000 door keeper exchanger

installation elements

TA7100W - **White table adaptor**, for ST7100CW monitors. Complete with cable clamp, junction box and 2.4 m connection cable with 20 wires. To be used with WB7260 wall bracket.

WB7260 - **Wall bracket** for ST7100CW monitors for connection to PDX2000 door - keeper exchanger





→ gateway EVOLUTION

- **only one module** for the whole installation
- can be added to **already existing installations**
- extremely **simplified set-up and configuration**

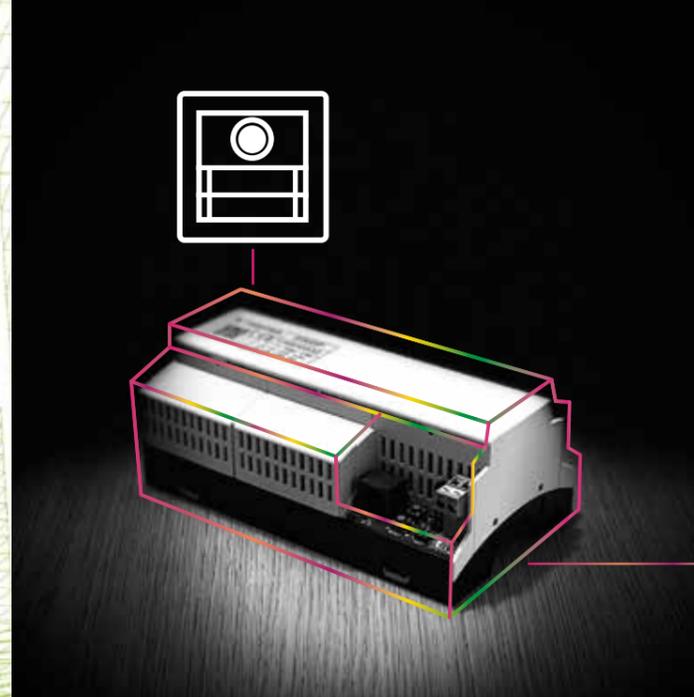
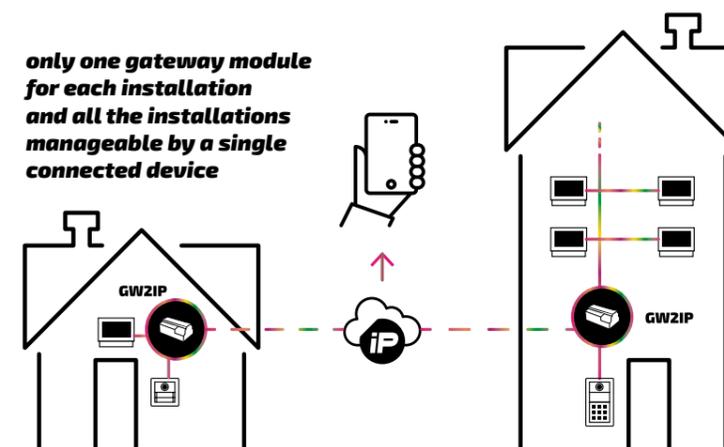
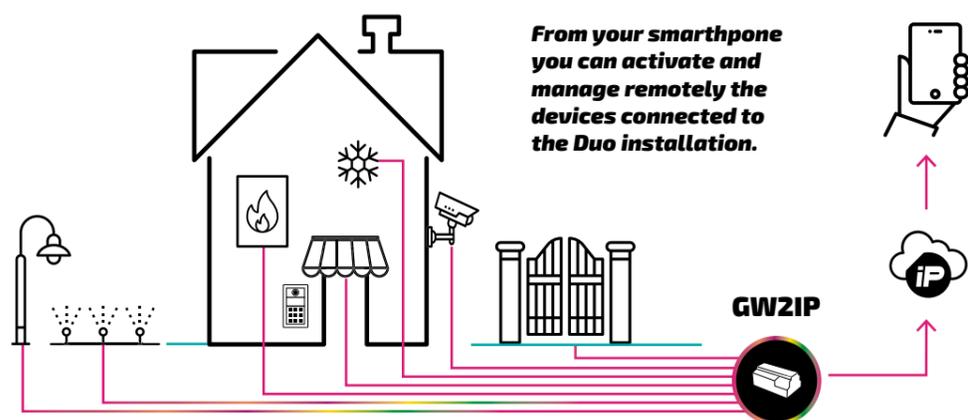


GW2IP

DIN rail gateway that **interfaces the DUO system to the IP world**. The gateway GW2IP can be powered either via the DUO bus or separately with a local power supply. Container installable on DIN bar (9 modules).

1US / GW2IP

Service to add a house-unit (Duo System user) **to the gateway**. Each gateway can manage up to a maximum of 50 houses-units. If an installation has more than 50 apartments, several gateway modules can be installed in parallel.



Farfisa IP cloud



technical features



App IpWay Cloud for iOS and Android



Connecting to LAN via Ethernet or Wi-Fi



Proprietary cloud infrastructure



Automatic connection to cloud



Simplified web programming interface

functions

Videocalls

Bidirectional audio and remote door opening

Push notifications for lost call in case of missed answer

Control auto switch-on on all external stations in an installation

Audio activation with all the external stations even in case of auto switchon

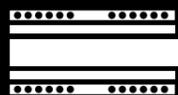
Event list with all the calls, answers (even the lost ones), with time and date (for 1 month)

Video memory with 4 pictures for each received call (for 1 month)

Remote actuators management
Remote sensors management

Integration with videosurveillance cameras

Compatibility with existing Duo Systems



→ power supplies & accessories



2221MQ

Dim: 8 DIN A modules.

Linear power supply for Duo System bus. Power provided 38VA, output protected through PTC. Separate inputs for the line in 127 Vac and 230 Vac. It guarantees the appropriate audio and video impedance.



2221S

Dim: 6 DIN modules.

Switching power supply for Duo System bus. Power supplied 60VA, protected in output through PTC. It guarantees the proper audio-video impedance.



2220S

Dim: 3 DIN modules.

Power supply for door panels. Output 13 Vac/1 A protected against overloading and shortcircuits.



PRS210

Dim: 3 DIN modules.

15VA, 13 Vac transformer. VDE certification, can be used to power various products in Duo system.



2223Q

Dim: 3 DIN A modules.

Video signal amplifier. It allows to increase the max distance of Duo bus, it is possible to connect in cascade several amplifiers. It can be locally powered.



2231Q

Dim: 3 DIN A modules

Riser or block separator. It allows independent sections inside an installation, allowing to get local services without engaging the main building line.



2281Q

Dim: 1 DIN A module

Actuator for additional services, directly powered by the bus, it is provided with a power relay and input port for external sensors connection. Completely programmable and configurable depending on the installation requirements.



2302

Twisted pair **cable for internal**, each wire having single section of 1 sq.mm. 100 m reels available.



2302E

Twisted pair **cable for external**, each wire having single section 1 sq.mm. Specifically designed to be laid underground. 100 m reels available.



DM2421

Dim: mm 122 x 68 x 25

Riser distributor or video switcher that allows to selectively send the video signal, coming from door station, to videointercoms.



DM2444

Dim: 8 DIN module

Concentrator module that allows to selectively centralize up to 4 door panels and up to 4 risers. This configuration can be extended through connection in cascade of many devices.



VM2521

Dim: 3 DIN module

Video modulator, featuring 2 inputs for the connection of analogic PAL standard cameras. It can be used as independent device or, for an advanced video feed management, combined with suitable door panels.

for iOS



App Farfisa
Smart Access



App Duo
System

for Android



App Farfisa
Smart Access



App Duo
System



DV2420

Dim: mm 43 x 36 x 25

Line **distributor** for the connection of power supplies or other accessories to Duo bus.



DV2421Q

Dim: mm 43 x 36 x 25

1 output signal distributor for Duo video or mixed audio-video risers.



DV2424Q

Dim: mm 122 x 68 x 25

4 Output distributor for videointercom Duo riser or audio-video ones.



2287

Dim: 8 DIN module

Selector for 4 or 7 exchanges. It allows the selection of max 4 or 7 surveillance cameras and/or other services activation. Output is to be sent to a modulator.



XT2928U

Interface board that allows the connection of any kind of analogue push button panel to Profilo / Agorà encoder modules of Farfisa digital systems. Each board can connect up to 16 buttons and it is possible to connect boards in chain.



PGR2991BT

Dim: 1 DIN A module

Programming module Bluetooth. It allows to programme all the devices in the installation through specific app "Duo System" available for Android and iOS smartphone.



XE2922

Expansion board for Alba and Hero bus, it allows the integration of Bluetooth technology into the door station. It allows access control simply by smartphone with app dedicated, available for free on App Store and Play Store. The lock opens via virtual keyboard and personal numeric code or with a simple touch the screen, in case the smartphone has been previously associated to the device.



XM2922

Line driver module for DUO video intercom systems. It allows to use third party regulated power supply units as power source for DUO bus, providing even the correct line impedance.

LPF6036

36Vdc / 1A stabilized switching power supply for Duo systems. To be combined with the XM2922 line driver module.

APV25-36

36 Vdc / 0.7A stabilized switching power supply for Duo systems. To be combined with the XM2922 line driver module.

→ Alba compositions

It's easy to create your Alba composition: choose if you need a composition with digital call (up to 20,000 users) or traditional push button call; if you prefer the

traditional call follow the instructions on the following pages, consider that if you choose the 2 buttons in a row configuration, you will save space!

Table for Alba audio/video composition with digital call up to 20,000 users

1x A/V MODULE	1x DISPLAY	1x KEYPAD	2x SINGLE BUTTON	1x BACK BOX	1x RAIN SHELTER*	1x MODULE FRAME*	1x FRONT FRAME
CV2124AB/ CA2124AB	DD2140AB	PD2100AB	AB20	SC3	AB93	AB73	AB63

*choose SC3 for flush mounting, or AB93 for surface mounting.

Composition Alba video or audio-video door panel on single row

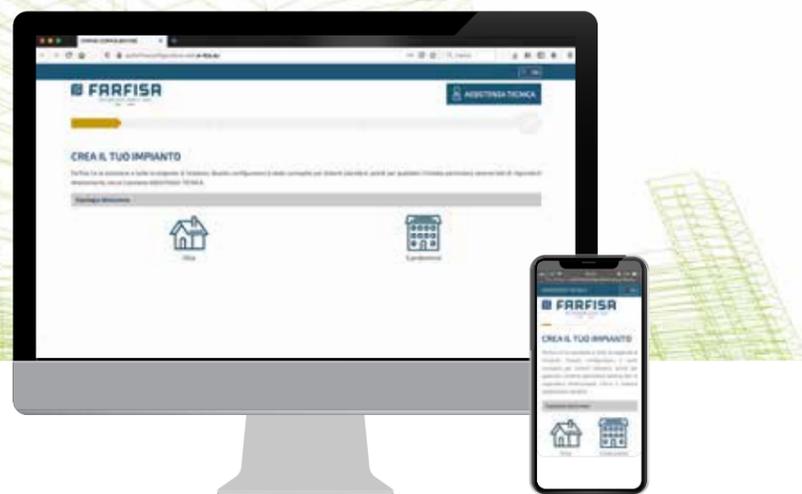
		NUMBER OF CALLS																																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
A/V MODULE	CV2124AB/CA2124AB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
BLANK M./STREET NUMBER	AB00/AB50															1	1	1	1							2	2	2	2	1	1	1	1				
BUTTON	CT2138AB		1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8			
CALL BUTTON	AB21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
	AB20	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1					
BACK BOX*	SC1	1	1																																		
	SC2		1	1	1	1					2	2	2	2																							
	SC3					1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
RAIN SHELTER*	AB91	1	1																																		
	AB92		1	1	1	1																															
	AB93					1	1	1	1																												
	AB94									1	1	1	1																								
	AB96														1	1	1	1	1	1	1	1	1														
MODULE FRAME	AB71	1	1																																		
	AB72		1	1	1	1					2	2	2	2																							
	AB73					1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
FRONT FRAME	AB61	1	1																																		
	AB62		1	1	1	1					2	2	2	2																							
	AB63					1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
CABLE	EC733										1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2		

*choose SC_ for flush mounting, AB9_ for surface mounting

Composition Alba video or audio-video door panel on double row

		NUMBER OF CALLS																																			
		2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68		
A/V MODULE	CV2124AB/CA2124AB	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
BLANK M./STREET NUMBER	AB00/AB50																																				
BUTTON	CT2138AB		1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8	8	8	8			
CALL BUTTON	AB21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		
	AB20	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1	3	2	1					
BACK BOX*	SC1	1	1																																		
	SC2		1	1	1	1					2	2	2	2																							
	SC3					1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
RAIN SHELTER*	AB91	1	1																																		
	AB92		1	1	1	1																															
	AB93					1	1	1	1						1	1	1	1																			
	AB94																																				
	AB96																																				
MODULE FRAME	AB71	1	1																																		
	AB72		1	1	1	1					2	2	2	2																							
	AB73					1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
FRONT FRAME	AB61	1	1																																		
	AB62		1	1	1	1					2	2	2	2																							
	AB63					1	1	1	1						2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
CABLE	EC733																																				

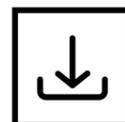
*choose SC_ for flush mounting, AB9_ for surface mounting



→ tools and communication online

To support the setting of the product or guide the design of a video door entry system, **we provide simple and concrete tools for free use:**

- **online configurator** for standard systems for villas and condominiums
- short and direct **video tutorials** to independently manage each performance of our product
- detailed and graphically appealing **technical manuals**, aimed at maximum understanding of the contents.



download



Diagrams in this catalogue are a simple reference. For detailed installation schematics, please see the specific technical manual.

Due to the continuous technological evolution, Farfisa reserves the right to change the specifications of any item and range composition without prior notice.

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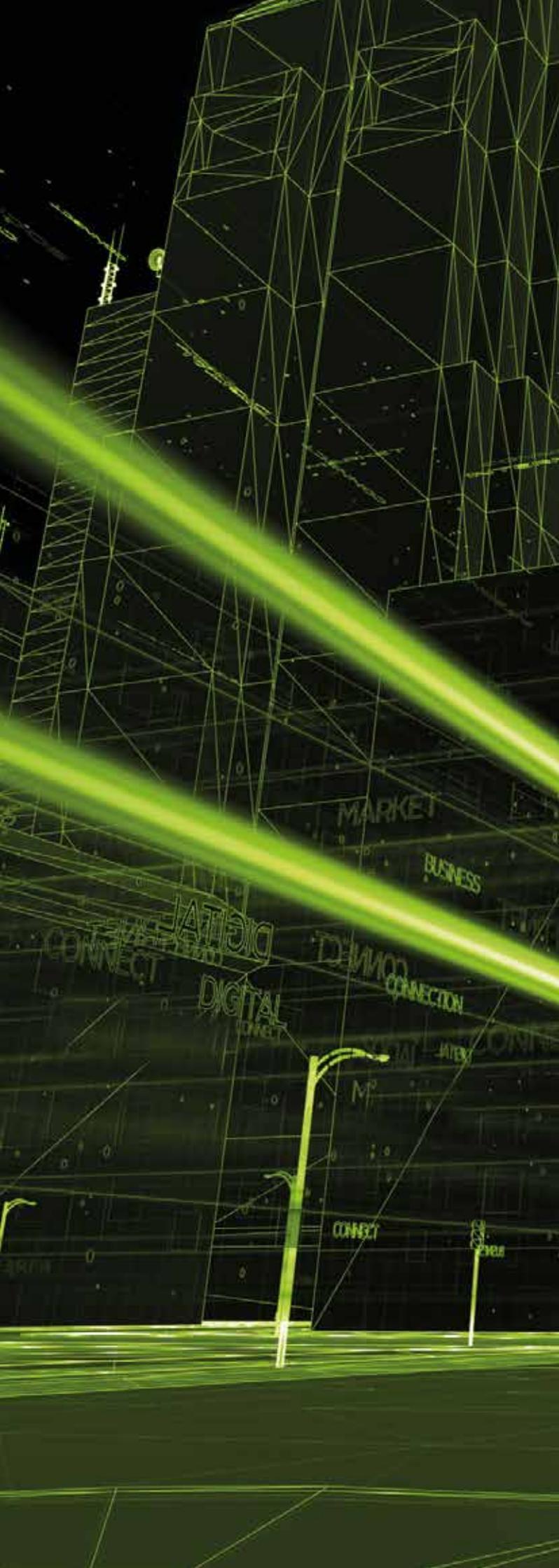
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