

# Digital Audio and Video Door Entry Systems

## 2-wire system

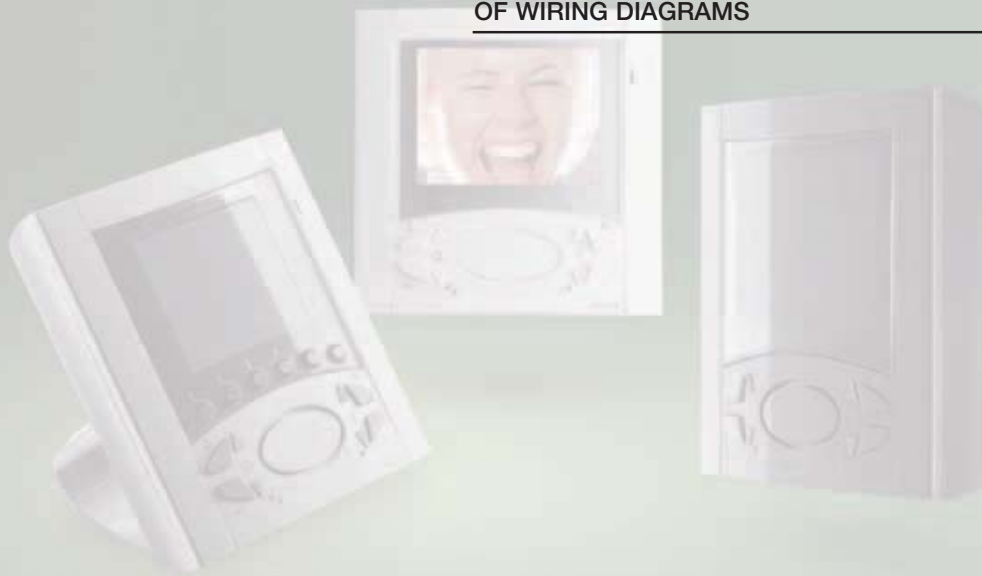
### Digit 2 Wires

<b>2-WIRE AUDIO AND VIDEO DOOR ENTRY SYSTEMS</b>	<b>33 - 58</b>
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<b>2-WIRE SYSTEM EXAMPLES OF WIRING DIAGRAMS</b>	<b>59 - 60</b>
--	----------------

<b>DIGIT 2 WIRES AUDIO AND VIDEO DOOR ENTRY SYSTEMS</b>	<b>61 - 63</b>
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<b>DIGIT 2 WIRES SYSTEM EXAMPLES OF WIRING DIAGRAMS</b>	<b>64</b>
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**ELVOX®**  
Communicating in style

ELVOX research in the field of electronic audio and video door entry systems has enabled the production of discrete lines of electronic systems with 2-wire connections and digital call: 2-WIRE, DIGIT 2 WIRES and 2-WIRE VIDEOKIT

2-WIRE is a two-wire system for audio and video door entry systems with digital call for a maximum of 200

users. Devices are connected on this system by means of a twisted pair.

DIGIT 2 WIRES is the simplest system for the creation of audio-only door entry systems since it uses just two polarised wires. The maximum number of users is 250.

2-WIRE VIDEOKIT is a range of kits complete with all components except

cables to carry out single or twin residence video door entry systems, with colour or B/W monitors with 2-wire connections.

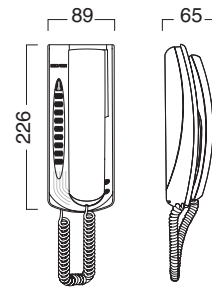
Once again, ELVOX manages to combine high performance and simplified installation with elegant styling that enhances the aesthetic impact of the systems.

# Petrarca series interphones

## Specifications common to models 6209

Available colours:	white with white push-buttons (standard colour, e.g. Type 6209), titanium grey (./37, e.g. Type 6209/37)
Material:	copolymer
Equipment:	2 screws for 3-module box
Dimensions (WxHxD):	89x226x65 mm
Desktop:	conversion kits type 6140, 6A40
Operating temperature:	from 0 to 40°C

<b>TYPE</b>	<b>6209</b>
<b>Model</b>	Model with microcontroller encoding/decoding
<b>Applications</b>	Elvox 2-Wire audio and video door entry systems
<b>Call system</b>	Digital with 3-digit codes
<b>Number of wires for standard connection</b>	2 non-polarised twisted wires. Recommended cable: type 732H for video door entry systems
<b>Push-buttons</b>	buttons 1 for door lock release and a pair of push-buttons (type 692P) for self-start/auto-activation and for auxiliary services
<b>Compatible power supply units</b>	Type 6922, 6923
<b>Power supply</b>	Supply voltage + digital signal
<b>Optional accessories</b>	Type 6152 Type 692P Type 692P/M Type 692P/R Type 615N Type 6153/682 Type 6140 Type 6A40
<b>Notes</b>	The interphone can incorporate a further 6 push-buttons and accessories for auxiliary services and intercom calls. These units feature different call tones for calls from panel, intercom calls and door calls. The door call can be enabled by connection of an external interphone push-button. The interphone can be connected to an additional ring tone type 860A or a call repeater relay type 170/101. The interphone can be combined with monitors type 6009 or 6009/C.



White with white push-buttons type 6209



Titanium grey type 6209/37

## Accessories for Petrarca interphones



**Type: 6152**

**Description:** pack of 8 single supplementary pushbuttons (normally open).

**Installation:** for type 6209

**Notes:** rating 24V A.C. 0.5A. Used for activation of unconnected devices with 2-Wire bus.



**Type: 692P**

**Description:** pair of push-buttons for activating additional functions and for intercom calls.

**Installation:** for type 6209

**Notes:** interphone type 6209 can be fitted with up to 4 pairs of push-buttons, one of which is already supplied as standard.



**Type: 692P/R**

**Description:** pair of push-buttons with terminals for activating additional functions externally using remote push-buttons.

**Installation:** for type 6209

**Notes:** interphone type 6209 can be fitted with up to 3 pairs of push-buttons.

**Type: 692P/M**

**Description:** pair of normally open push-buttons with terminals for activation of external devices.

**Installation:** for type 6209

**Notes:** rating 24Vac 0.5A. Interphone type 6209 can be fitted with up to 3 pairs of push-buttons.



**Type: 6153/682**

**Description:** 4-position switching module.

**Installation:** for type 6209

**Notes:** module for 3-level call volume adjustment and call mute (indicated by a red LED). To be fitted in the appropriate position after removing the bezel. When connected to a suitable door lock or door, a green LED indicates that the door is open.

**Type: 615N**

**Description:** strip of 8 anthracite grey keys.

**Installation:** for type 6209

**Notes:** used to change the colour of the keys from white to anthracite grey.



**Type: 6140**

**Description:** desk-top conversion kit for Petrarca interphone

**Colours:** white (type 6140), titanium grey (type 6140/37), ABS

**Material:** copolymer

**Technical notes:** 2 metres of cable with 6 wires, fixed terminal block

**Type: 6A40**

**Description:** desk-top conversion kit for Petrarca interphone

**Colours:** white (type 6A40), titanium grey (type 6A40/37), ABS

**Material:** copolymer

**Note tecnica:** 2 metres of cable with 16 wires, socket with removable plug

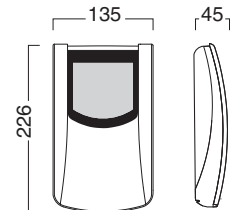
# Petrarca series monitors

The Petrarca series includes a range of monitors for use with interphones and telephones of the same series. Installation of the monitors together with the appropriate interphones or telephones can be as wall-mounted units (on back plates) or as desk-top mounted units (with conversion kit). Furthermore the wall-mounted installation with interphones does not require a flush-mounting back box since the monitor interconnection board simply fits into the appropriate space on the interphone. This range of monitors can be used for video door entry systems with Sound System call and AC call.

## Specifications common to types 6009, 6009/C

Available colours: white (standard colour, e.g. type 6009)  
 black (../04, e.g. type 6009/04) per abbinamento con centralino portineria  
 titanium grey (../37, e.g. type 6009/37)  
 Material: copolymer  
 Installation: requires back-plate or desk-top kit  
 Dimensions (WxHxD): 135x226x45 mm  
 Desk-top version: utilizzare i kit di trasformazione type 6A42, 6142, 6142/2T, 6A92/04  
 Operating temperature: from 0 to 40°C

TYPE	6009	6009/C
Model	B/W model	colour model
Applications	2-wire video door entry systems	
Screen	Low profile 4" B/W CRT	Low profile 4" colour LCD
Video Standard	CCIR 625 lines, 50 panels (to EIA standard requirements)	PAL
Number of wires for standard connection	Harness for interphone type 6209	
Supply voltage	From interphone type 6209 or 6218	
Controls	Brightness, contrast	Brightness, colour
Compatible interphones	type 6209, 6218	



White  
 type 6009  
 type 6009/C



Titanium grey  
 type 6009/37  
 type 6009/C37

## Accessories for Petrarca monitors

**Type: 6145**

**Description:** back-plate for surface-wall-mounted installation of monitor (6009, 6009/C) and interphone (6209)

**Bracket dimensions:** 213x187 mm

**Monitor+interphone dimensions**

**(WxHxD):** 223x226x65 mm

**Equipment supplied:** 4 screws for wall mounting

**Type: 6145/2T**

**Description:** bracket for wall-mounting of monitor (6009, 6009/C) and telephone (3562)

**Bracket dimensions (WxH):** 213x187 mm

**Interphone + monitor dimensions**

**(WxHxD):** 223x226x65mm

**Equipment:** 4 screws for wall mounting

**Notes:** for use in conjunction with interface type 3532 and a telephone switchboard.

**Type: 6A92**

**Description:** desktop base for monitor (6009, 6009/C) to be used in combination with switchboards type 945F or 945F/T

**Colours:** white (type 6A92), black (type 6A92/04)

**Material:** copolymer

**Monitor + desktop base dimensions**

**(WxHxD):** 135x80x200 mm

**Notes:** 2 metre 8-conductor cable, socket and removable plug.

**Type: 692T**

**Description:** additional power supply for desktop bases type 6142.

**Supply voltage:** 230V 50Hz (also available in different voltages: 110V A.C. 117V A.C. and 240V A.C.)

**Notes:** used when connecting several monitors in parallel or on very long connection lines with significant voltage drops.

**Type: 6A42**

**Description:** desk-top conversion kit for monitor (6009, 6009/C) and interphone (6209)

**Colours:** white (type 6A42), titanium grey (type 6A42/37)

**Material:** copolymer

**Monitor + interphone dimensions**

**+ desk-top conversion kit (WxHxD):**

223x235x200 mm

**Notes:** 2 metres of cable with 26 wires

+ 1 coaxial cable, socket with removable plug

**Type: 6142**

**Description:** desk-top conversion kit for monitor (6009, 6009/C) and interphone (6209)

**Colours:** white (type 6142), titanium grey (type 6142/37)

**Material:** copolymer

**Monitor+desk-top conversion kit dimensions (WxHxD):**

223x235x200 mm

**Notes:** 2 metres of cable with 12 wires

+ 1 coaxial cable, socket with removable plug

**Type: 6142/2T**

**Description:** desk-top conversion kit for monitor (6009, 6009/C) and telephone (3562)

**Colours:** white (type 6142/2T), titanium grey (type 6142/2T37)

**Material:** copolymer

**Interphone + monitor + desktop base dimensions (WxHxD):**

223x235x200 mm

**Notes:** 2 metre 12-conductor cable + 1 coaxial cable, socket with removable plug. For use in conjunction with interface type 3532 and a telephone switchboard.

# 8870 series interphones

The 8870 series is simple, compact and functional.

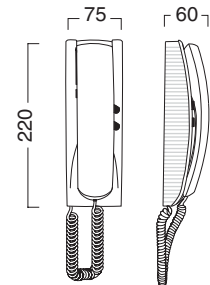
Different versions of interphones are available for use in the various types of ELVOX audio and video door entry systems.

This series is supplied in the standard configuration for wall-mounted application with 2 push-buttons, one for door lock opening and one for auxiliary services.

### Specifications common to types 8879

Available colours:	white with white push-buttons (standard colour, e.g. type 8879) titanium grey (.../37, e.g. type 8879/37)
Material:	copolymer
Installation:	surface wall-mounted
Equipment:	2 screws for vertical 3-module back box
Dimensions (WxHxD):	75x220x60 mm
Operating temperature:	from 0 to 40°C

<b>TYPE</b>	<b>8879</b>
<b>Model</b>	Model with microcontroller encoding/decoding
<b>Applications</b>	Elvox 2-Wire audio and video door entry systems
<b>Call System</b>	Digital with 3-digit codes
<b>Number of wires for standard connection</b>	2 non-polarised twisted wires
<b>Push-buttons</b>	1 for door lock release and 1 for auxiliary services
<b>Compatible power supplies</b>	Type 6922
<b>Supply voltage</b>	Supply voltage + digital signal
<b>Notes</b>	Features different call tones for calls from panel, intercom calls and door calls. The door call can be enabled by connection of an external interphone push-button. The interphone can be connected to an additional chime type 860A or a call repeater type 170/101.



White with white push-buttons  
type 8879



Titanium grey  
type 8879/37

# Giotto series monitor

The Giotto 6300 and 6500 series comprise two ranges of monitors designed for video door entry systems with Sound System calls, AC calls and without coaxial cable. The range features the option to combine the audio and video sections into a single unit. The versions available differ according to type of installation and type of system. The Giotto 6300 series is a range of monitors with low profile screen for surface installation on a wall without the need for a recess mounting box, while the 6500 series is a range of monitors with direct screen for semi-recessed wall installation using a 3 module back box. All monitors in the two series are supplied with three push-buttons (1 for door lock release, 1 for self-start and one for auxiliary services), a 4-position switching module for chime volume adjustment on 3 levels and call exclusion (with LED) and a LED for door/gate/open.

**Specifications common to types 6309, 6309/C, 6329, 6329/C, 6309/P, 6309/CP**

Available colours: white (standard colour, e.g. Type 6309)  
 titanium grey (./37, e.g. Type 6309/37)

Material: copolymer

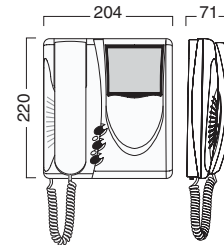
Installation: supplied with back-plate for wall-mounting.

Equipment: back-plate and 4 wall fixing screws

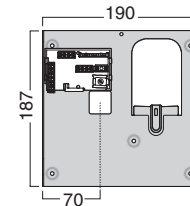
Dimensions (WxHxD): 204x220x70 mm

Operating temperature: from 0 to 40°C

Desk-top version: requires desk-top conversion kit type 661A, 661F



TYPE	6309 (6309/P)	6309/C (6309/CP)
<b>Model</b>	Model with microcontroller encoding/decoding	
<b>Applications</b>	2-wire video door entry systems	
<b>Screen</b>	Low profile 4" B/W CRT	Low profile 4" colour LCD
<b>Standard video</b>	CCIR 625 lines, 50 panels (to EIA standard requirements)	PAL
<b>Call System</b>	Digital with 3-digit codes	
<b>Number of wires for standard connection</b>	2 non-polarised twisted wires. Recommended cable: type 732H	
<b>Push-buttons</b>	1 for door lock release, 1 for self-start and 1 for auxiliary services	
<b>Controls</b>	Brightness, contrast, call volume	Brightness, colour, call volume
<b>Indicators</b>	Red LED for call exclusion (no additional connections required) and green LED for door/gate open (requires additional connections)	
<b>Compatible power supplies</b>	Type 6922, 6923	
<b>Supply voltage</b>	Supply voltage + digital signal	
<b>Optional accessories</b>	type 661A, type 661F	
<b>Notes</b>	Features different call tones for calls from panel, intercom calls and door calls. The door call can be enabled by connection of an external monitor push-button. The monitor can be connected to an additional doorbell type 860A or a call repeater relay type 170/101. Items 6309/P and 6309/CP can control, with 3 video door entry system, 3 normally open contacts (24Vac/Vdc 500 mA) located in the monitor mounting plate.	



TYPE	6329	6329/C
<b>Model</b>	Model with microcontroller encoding/decoding	
<b>Applications</b>	2-wire video door entry systems	
<b>Screen</b>	Low profile 4" B/W CRT	Low profile 3.5" colour LCD
<b>Video Standard</b>	CCIR 625 lines, 50 panels (to EIA standard requirements)	PAL
<b>Call System</b>	Digital with 3-digit codes	
<b>Number of wires for standard connection</b>	2 non-polarised twisted wires. Recommended cable: type 732H	
<b>Push-buttons</b>	1 for door lock release, 1 for self-start and 1 for auxiliary services	
<b>Controls</b>	Brightness, contrast, call volume	Brightness, colour, call volume
<b>Indicators</b>	Red LED for call exclusion (no additional connections required) and green LED for door/gate open (requires additional connections)	
<b>Compatible power supplies</b>	Type 6922, 6923	
<b>Supply voltage</b>	Supply voltage + digital signal	
<b>Optional accessories</b>	Type 661A, type 661F	
<b>Notes</b>	<p>Features different call tones for calls from panel, intercom calls and door calls. The door call can be enabled by connection of an external monitor push-button. The monitor can be connected to an additional doorbell type 860A or a call repeater relay type 170/101.</p> <p><b>The video entry unit consumes double the amount of electric energy of entry unit type 6309 (a power supply unit type 6922 can simultaneously power: 1 active video door entry unit type 6329 and 1 connected video panel type 89F5).</b></p>	<p>Features differentiated call tones for calls from panel, intercom calls and door calls. The door call can be enabled by connection of an external monitor push-button. The monitor can be connected to an additional doorbell type 860A or a call repeater relay type 170/101.</p>



### Type: 661A

**Description:** desk-top conversion kit for single monitor (6309, 6309/C, 6329, 6329/C, 6309/P, 6309/CP)

**Colours:** white (type 661A), titanium grey (type 661A/37)

**Material:** copolymer

**Monitor+desk-top conversion kit dimensions (WxHxD):** 204x240x160 mm

**Notes:** supplied with 2 metres of cable with 12 wires + 1 coaxial cable, socket with removable plug.

### Type: 661F

**Description:** desk-top conversion kit for monitor (6309, 6309/C, 6329, 6329/C, 6309/P, 6309/CP) with power supply unit.

**Colours:** white (type 661F), titanium grey (type 661F/37)

**Material:** copolymer

**Supply voltage:** 230V 50Hz (different voltages also available: 110Vca, 117Vca e 240Vca)

**Dimensioni videocitofono + base da tavolo (LxAxP):** 204x240x160 mm

**Notes:** supplied with 2 metres of cable with 12 wires + 1 coaxial cable, socket with removable plug. Used in the event of multiple monitors in parallel or on longer connection lines or in case of excessive voltage drops.

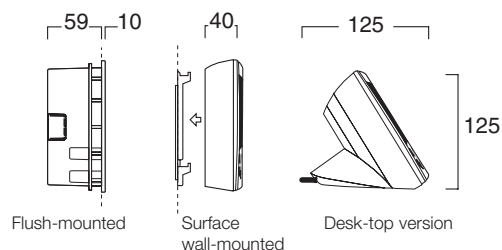
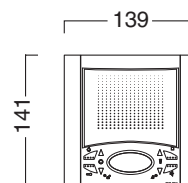
# 6600 series interphones

The 6600 series includes a line of two-channel open voice interphones for 2-Wire systems. Available in flush wall-mounted, surface wall-mounted and desktop versions. All interphones are supplied with handy front controls for ringtone volume, ringtone type and audio volume. Equipped with push-buttons for "door lock release", "listen" and two auxiliary functions, and luminous indicators for ringtone mute and door open signals.

## Specifications common to models 6601/AU, 660C/AU and 6701/AU

Available colours: white (standard colour, e.g. Type 6601/AU), titanium grey (./AU.37, e.g.. Type 6601/AU.37)  
 brushed steel (./AU.40, e.g. Type 6601/AU.40)  
 Material: copolymer  
 Operating temperature: from 0 to 40°C

TYPE	6601/AU	6701/AU	660C/AU
<b>Model</b>	Flush wall-mounted model with microcontroller encoding/decoding	Surface wall-mounted model with microcontroller encoding/decoding	Desktop model with microcontroller encoding/decoding
<b>Applications</b>	Elvox 2-Wire audio and video door entry systems		
<b>Call system</b>	Digital with 3-digit codes		
<b>Installation</b>	Flush wall-mounted with back box type 6149 (not supplied)	Surface wall-mounted with bracket supplied	In desktop version
<b>Number of wires for standard connection</b>	2 non-polarised twisted wires (a twisted pair)		
<b>Push-buttons</b>	8: 1 for door lock release, 1 for self-start/auto-activation, 1 for conversation, 1 for auxiliary service, 2 for audio and ringtone volume controls, and 2 for ringtone type		
<b>Controls</b>	Internal audio volume, ringtone volume, ringtone type		
<b>Indicators</b>	Red indicator for call excluded and calls unanswered (does not require additional connections), green indicator door/gate open (requires additional connections between panel and lock but not along the upright)		
<b>Compatible power supply unit</b>	Type 6922		
<b>Power supply</b>	Supply voltage + digital signal		
<b>Equipment</b>	4 screws for fixing on box	Bracket and screws for wall mounting	Complete with 2 metre cable with socket and removable plug
<b>Dimensions (WxHxD):</b>	141x139x10 mm + 45 mm (flush-mounted)	141x139x40 mm	141x125x125 mm
<b>Optional accessories:</b>	Type 6149 Type R660		
<b>Notes</b>	Features different calls for calls from panel, intercom calls and door calls. The door call can be enabled by connection of an external interphone push-button. The interphone can be connected to an additional ringtone type 860A or a call repeater relay type 170/101		



Standard colour: white  
 type 6601/AU  
 type 660C/AU  
 type 6701/AU



Colour: titanium grey  
 type 6601/AU.37  
 type 660C/AU.37  
 type 6701/AU.37



Colour: brushed steel  
 type 6601/AU.40  
 type 660C/AU.40  
 type 6701/AU.40



### Type: 6149

**Description:** flush-mounted back box for 6600 series interphones and monitors

**Material:** copolymer

**Dimensions (WxHxD):** 136x136x59 mm



### Type: R660

**Description:** fixing kit for 6600 series flush wall-mounting interphones for plasterboard walls

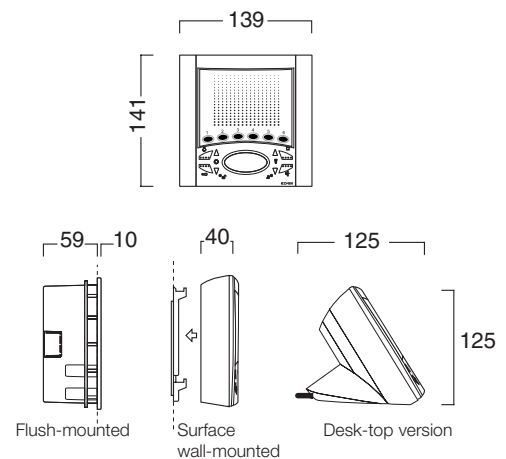
# 6600 series interphones

The 6600 series includes a line of two-channel open voice interphones for 2-Wire systems. Available in flush wall-mounted, surface wall-mounted and desktop versions. All interphones are supplied with handy front controls for ringtone volume, ringtone type and audio volume. Equipped with push-buttons for “door lock release”, “listen” and two auxiliary functions, and luminous indicators for ringtone mute and door open signals. The interphones are also supplied with 6 additional programmable push-buttons for intercommunicating calls or auxiliary services.

## Specifications common to models 6611/AU, 661C/AU and 6711/AU

Available colours: white (standard colour, e.g. Type 6611/AU), titanium grey (./AU.37, e.g. Type 6611/AU.37)  
 brushed steel (./AU.40, e.g. Type 6611/AU.40)  
 Material: copolymer  
 Operating temperature: from 0 to 40°C

TYPE	6611/AU	6711/AU	661C/AU
<b>Model</b>	Flush wall-mounted model with microcontroller encoding/decoding and 6 additional push-buttons	Surface wall-mounted model with microcontroller encoding/decoding and 6 additional push-buttons	Desktop model with microcontroller encoding/decoding and 6 additional push-buttons
<b>Applications</b>	Elvox 2-Wire audio and video door entry systems		
<b>Call system</b>	Digital with 3-digit codes		
<b>Installation</b>	Flush wall-mounted with back box type 6149 (not supplied)	Surface wall-mounted with bracket supplied	In desktop version
<b>Number of wires for standard connection</b>	2 non-polarised twisted wires		
<b>Push-buttons</b>	14: 1 for door lock release, 1 for self-start/auto-activation, 1 for conversation, 1 for auxiliary service, 6 for auxiliary services or intercom calls, 2 for audio volume and ringtone volume controls, and 2 for ringtone type		
<b>Controls</b>	Internal audio volume, ringtone volume, ringtone type		
<b>Indicators</b>	Red indicator for call excluded and calls unanswered (does not require additional connections), green indicator door/gate open (requires additional connections between panel and lock but not along the upright)		
<b>Compatible power supply unit</b>	Type 6922		
<b>Power supply</b>	Supply voltage + digital signal		
<b>Equipment</b>	4 screws for fixing on box	staffa e viti per fissaggio a parete	complete with 2 metre cable with socket and removable plug
<b>Dimensions (WxHxD):</b>	141x139x10 mm + 45 mm (flush-mounted)	141x139x40 mm	141x125x125 mm
<b>Optional accessories:</b>	Type 6149 Type R660		
<b>Notes</b>	Features differentiated call tones for calls from panel, intercom calls and door calls. The door call can be enabled with connection of an external interphone push-button. The interphone can be connected to an additional ringtone type 860A or a call repeater relay type 170/101		



Standard colour: white  
 Type 6611/AU  
 Type 661C/AU  
 Type 6711/AU



Colour: titanium grey  
 Type 6611/AU.37  
 Type 661C/AU.37  
 Type 6711/AU.37



Colour: brushed steel  
 Type 6611/AU.40  
 Type 661C/AU.40  
 Type 6711/AU.40



**Type: 6149**  
**Description:** flush-mounted back box for 6600 series interphones and monitors  
**Material:** copolymer  
**Dimensions (WxHxD):** 136x136x59 mm



**Type: R660**  
**Description:** fixing kit for 6600 series flush wall-mounting interphones for plasterboard walls

# 6600 series monitors

Series 6600 consists of two-channel monitors for systems with coaxial cable, Sound System call or AC call. They are available in flush-mounted and desk-top versions with 4" LCD colour display, low profile, vertically inclinable for optimal viewing of the image. All monitors have practical front adjustments for brightness, call chime volume, call chime type and audio volume. The equipment provided includes: 1 door lock release push-button, 1 audio-activation push-button (listen), 2 push-buttons for auxiliary functions and 2 lighted signals for call chimes excluded and door open.

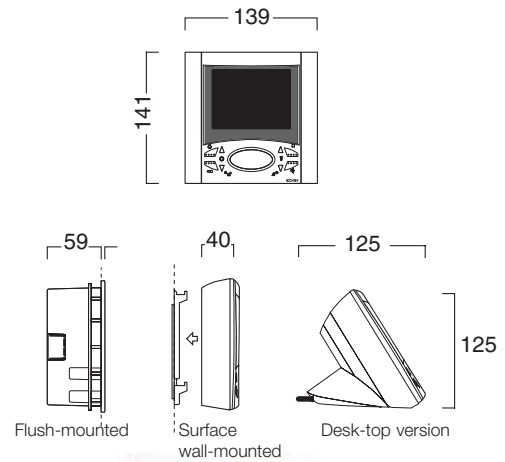
### Specification common to models 6601, 660C, 6701

Available colours: white (standard colour, e.g. type 6601), titanium grey (../37, e.g. type 6601/37)  
 Brushed steel (../40, e.g. type 6601/40)

Material: copolymer

Operating temperature: from 0 to 40°C

TYPE	6601	6701	660C
<b>Model</b>	Flush wall-mounted model with encoding/decoding with microcontroller	Surface wall-mounted model with encoding/decoding with microcontroller	Desk-top model with encoding/decoding with microcontroller
<b>Applications</b>	2-wire video door entry systems		
<b>Screen</b>	LCD 4" colour low profile, with vertical tilt facility		
<b>Standard video</b>	PAL		
<b>Call system</b>	Digital with 3-digit codes		
<b>Installation</b>	flush wall-mounting with back box type 6149 (supplied separately)	Surface wall-mounted complete with bracket	Desk-top version
<b>Number of wires for standard connection</b>	2 twisted non-polarised wires, recommended cable type 732H		
<b>Number of pushbuttons</b>	8: 1 for door lock release, 1 for self-start, 1 for conversation, 1 for auxiliary service, 2 for audio volume, ringtone volume and contrast, and 2 for ringtone type and brightness		
<b>Controls</b>	internal audio volume, ringtone volume, ringtone type, contrast and brightness		
<b>Indicators</b>	red indicator for refused call and missed calls (does not require additional connections), green indicator for door/gate open (requires additional connections between panel and lock, but not along the upright)		
<b>Compatible power supply</b>	type 6922, type 6923		
<b>Supply voltage</b>	Supply voltage + digital signal		
<b>Equipment</b>	4 screws for fixing on box	bracket and screws for wall mounting	complete with 2 metre cable with socket and removable plug
<b>Dimensions (WxHxD):</b>	141x139x10 mm + 45 mm (flush-mounted)	141x139x40 mm	141x125x125 mm
<b>Optional accessories :</b>	type 6149 type R660		
<b>Notes</b>	It has different ringtones for calls from panel, intercommunicating calls and door calls. The door call can be enabled by connecting an external video entry unit pushbutton. The monitor can be connected to an additional doorbell type 860A or a call repeater relay type 170/101.		



Standard colour: white  
 type 6601  
 type 660C  
 type 6701



Colour: titanium grey  
 type 6601/37  
 type 660C/37  
 type 6701/37



Colour: brushed steel  
 type 6601/40  
 type 660C/40  
 type 6701/40



**Type: 6149**  
**Description:** flush-mounted back box for 6600 series interphones and monitors  
**Material:** copolymer  
**Dimensions (WxHxD):** 136x136x59 mm



**Type: R660**  
**Description:** fixing kit for 6600 series flush wall-mounting interphones for plasterboard walls

# 6600 series monitors

Series 6600 consists of two-channel monitors for systems with coaxial cable, Sound System call or AC call. They are available in flush-mounted and desk-top versions with 4" LCD colour display, low profile, vertically inclinable for optimal viewing of the image. All monitors have practical front adjustments for brightness, call chime volume, call chime type and audio volume. The equipment provided includes: 1 door lock release push-button, 1 audio-activation push-button (listen), 2 push-buttons for auxiliary functions and 2 lighted signals for call chimes excluded and door open.

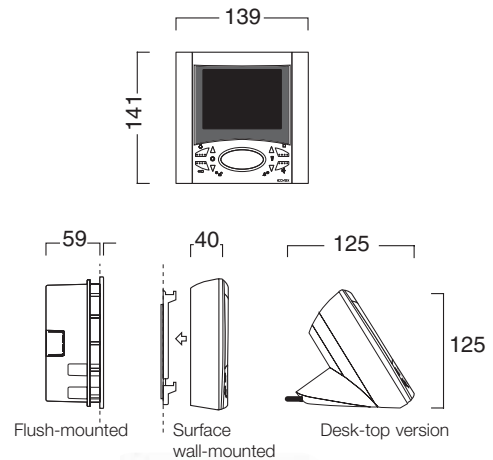
## Specification common to models 6611, 661C, 6711

Available colours: white (standard colour, e.g. type 6611), titanium grey (./37, e.g. type 6611/37)  
Brushed steel (./40, e.g. type 6611/40)

Material: copolymer

Operating temperature: from 0 to 40°C

TYPE	6611	6711	661C
<b>Model</b>	Flush wall-mounted model with encoding/decoding with microcontroller and 6 additional push-buttons	Surface wall-mounted model with encoding/decoding with microcontroller and 6 additional push-buttons	Desk-top model with encoding/decoding with microcontroller and 6 additional push-buttons
<b>Applications</b>	2-wire video door entry systems		
<b>Screen</b>	LCD 3.5" basso profilo a colori, con schermo fisso		
<b>Standard video</b>	PAL		
<b>Call system</b>	Digital with 3-digit codes		
<b>Installation</b>	Flush wall-mounting with back box type 6149 (not supplied)	Surface wall-mounting with back-plate supplied	Desk-top version
<b>Number of wires for standard connection</b>	2 non-polarised twisted wires. Recommended cable: type 732H		
<b>Push-buttons</b>	14: 1 per apertura serratura, 1 per autoaccensione, 1 per conversazione, 1 per servizio ausiliario, 6 per servizi ausiliari o chiamate intercomunicanti, 2 per regolazioni volume fonica, volume suoneria e contrasto, e 2 per tipo suoneria e luminosità		
<b>Controls</b>	Volume for internal audio function, chime volume, chime type, contrast and brightness		
<b>Indicators</b>	Red indicator for call exclusion and not attended calls (no additional connections required) and green indicator for door/gate open (requires additional connections between entrance panel and lock, but not along the cable riser)		
<b>Compatible power supply</b>	type 6922, type 6923		
<b>Supply voltage</b>	Supply voltage + digital signal		
<b>Equipment</b>	4 screws for fixing on box	bracket and screws for wall mounting	complete with 2 metre cable with socket and removable plug
<b>Dimensions (WxHxD):</b>	141x139x10 mm + 45 mm (flush-mounted)	141x139x40 mm	141x125x125 mm
<b>Optional accessories :</b>	type 6149 type R660		
<b>Notes</b>	Features different call tones for calls from panel, intercom calls and door calls. The door call can be enabled by connection of an external interphone push-button. The interphone can be connected to an additional chime type 860A or a call repeater type 170/101.		



Standard colour: white  
type 6611  
type 661C  
type 6711



Colour: titanium grey  
type 6611/37  
type 661C/37  
type 6711/37



Colour: brushed steel  
type 6611/40  
type 661C/40  
type 6711/40



### Type: 6149

**Description:** flush-mounted back box for 6600 series interphones and monitors

**Material:** copolymer

**Dimensions (WxHxD):** 136x136x59 mm



### Type: R660

**Description:** fixing kit for 6600 series flush wall-mounting interphones for plasterboard walls

# Digital switchboards

Porter switchboard types 945F and 945F/T can be installed on all Elvox 2-Wire audio and video door entry systems.

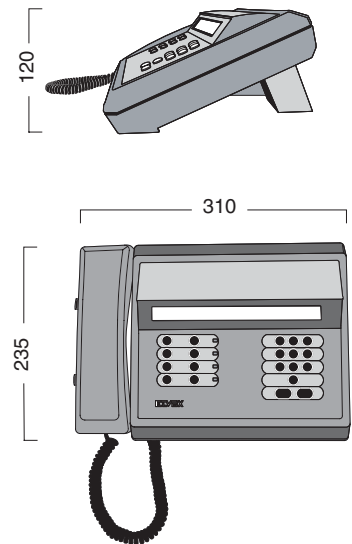
The switchboards feature two operating modes: "Internal" and "External".

In "Internal" mode, calls and conversations are between the switchboard and interphones or video entry units and between the switchboard and the entrance panel; in "External" mode, calls and conversations are between the interphones/video entry units and the entrance panel. The switchboards are equipped with keyboard and alphanumeric display for receiving and making calls and an electronic phone book for up to 200 users. Each user can be associated with two names comprising max. one line of 16 characters.

Fitted with a clock and internal memory for managing appointments and events; up to 10 appointments for the porter switchboard, up to 200 appointments for users (one per user), up to 200 events including unanswered calls, lock release from panel with codes and alarm service. Auxiliary services, lock release and advanced programming of interphones and monitors can be activated via the switchboards. The switchboards can be connected to a monitor type 6009 or 6009/C, by means of desktop base type 6A92, and a telephone interface, type 69TF, to enable diversion of switchboard calls to a telephone for night-time service.

Switchboard type 945F/T can be connected to an external CCTV camera.

TYPE	945F	945F/T
<b>Model</b>	Alphanumeric 2-Wire switchboard	Alphanumeric 2-Wire switchboard for connecting external video camera
<b>Colour</b>	Black	
<b>Material</b>	Copolymer	
<b>Installation</b>	Desktop	
<b>Compatible power supplies</b>	Type 6922, Type 6923	
<b>Equipment</b>	2 metre cable with socket and removable plug	
<b>Optional accessories</b>	Type 69TF, 6A92, 6009, 6009/C	Type 69TF, 6A92, 6009, 6009/C, 6982
<b>Dimensions (WxHxD):</b>	310x120x235 mm	



**Type: 69TF**

**Description:** telephone interface for diverting switchboard calls to a telephone for night-time service

**Material:** class V-0 technopolymer

**Dimensions (WxHxD):** 140x115x50 mm

**DIN dimensions:** 8 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards



# 8000 series for 2-Wire entrance panels

The elements which make up the 8000 series for 2-Wire electronic entrance panels, are: standard electronic modules, additional modules, module holder frames, rainproof covers, flush-mounted back boxes, surface-mounted back boxes. Composition of the entrance panels requires: selection of modules necessary for composition of the entrance panel, selection of one or more module holder frames for assembling the modules, selection of surface-mounted or flush-mounted back boxes depending on the type of installation. The rainproof cover is also required if a surface-mounted back box is used, but is only recommended for flush-mounted wall installation. Standard 2-Wire models are already supplied with speech unit or camera with speech unit built into the electronic unit. The standard electronic modules are supplied in the dimensions of 2 modules joined vertically to form an electronic entrance panel, which can be complemented with module holder frames, back boxes and rainproof covers. All modules with name card holder and push-buttons are backlit by means of green LEDs. The panels can control a door lock and three auxiliary functions by means of relay type 170/001.

### Specifications common to models 89F3/..., 89F4, 89F5/C, 89F7

- Colours: light grey (standard colour, e.g. Type 89F4), sable grey (../35, e.g. Type 89F4/35), brushed aluminium (../39, e.g. Type 89F4/39)
- Material: paint-finished aluminium and copolymer
- Lamps: LED lighting (green)



Modules for 2-Wire electronic entrance panels with keypad and alphanumeric display

**Type: 89F4**

**Description:** Standard electronic module for assembly of an audio entrance panel with: speech unit, alphanumeric display (with 2 lines x 16 characters), keypad and memory for 200 users (two 16-character names per user). An external CCTV camera may be connected to the following standard module. The panel is programmed via the panel keypad.



Modules for 2-Wire electronic entrance panels with keypad and alphanumeric display

**Type: 89F7/C**

**Description:** Standard electronic module for assembly of a colour video entrance panel with: camera, speech unit, alphanumeric display (with 2 lines x 16 characters), keypad and memory for 200 users (two 16-character names per user). Equipped with colour video camera with 1/4" CCD sensor, 3 mm lens, LED for infrared lighting and manual pan and tilt facility. The panel is programmed via the panel keypad.



Modules for 2-Wire electronic entrance panels with conventional single push-buttons

**Description:** Standard electronic modules for the composition of an audio entrance panel with: speech unit, conventional push-buttons and illuminated "ENGAGED-PLEASE WAIT" signal. An external CCTV camera may be connected to the following standard modules. Standard functions (conversation time, volume control etc.) can be programmed via the panel, while advanced settings require programmer type 950C

TYPE	N. push-buttons
89F3	3
89F3/0	0
89F3/1	1
89F3/2	2



Modules for 2-Wire electronic entrance panels with conventional single push-buttons

**Description:** Standard electronic modules for the composition of a colour video entrance panel with: video camera, speech unit, conventional push-buttons and luminous "ENGAGED-PLEASE WAIT" signal. Standard functions (conversation time, volume control etc.) can be programmed via the panel, while advanced settings require programmer type 950C. The colour video camera has a 1/4" CCD sensor, 3 mm lens, LED lighting and manual pan and tilt facility.

TYPE	N. push-buttons
89F5/C	3
89F5/C0	0
89F5/C1	1
89F5/C2	2

## Additional modules



**Type: 805N**

**Description:** Module with illuminated card for 13 names complete with LED lighting system with system for removing the card from the rear.



**Type: 8051**

**Description:** Electronic module with 1 single push-button and LED lighting system for standard push-button modules.



**Type: 8053**

**Description:** Electronic module with 3 single push-buttons and LED lighting system for standard push-button modules.



**Type: 80PN**

**Description:** Module with illuminated card for street number complete with LED illumination and system for removing the card from the rear.



**Type: 8052**

**Description:** Electronic module with 2 single push-buttons and LED lighting system for standard push-button modules.



**Type: 8054**

**Description:** Electronic module with 4 single push-buttons and LED lighting system for standard push-button modules.



**Type: 8000**

**Description:** Blank module.

## 8000 series modules for cameras type 692U and 692U/C



**Type: 8019**

**Description:** Module for surface-mounted video entry unit, provision for camera type 692U. Using this module with type 692U requires the addition of module type 80P1.



**Type: 80P1**

**Description:** Module with 1 push-button and illuminated "Engaged-Please Wait" signal, complete with green LED for name card illumination. For use with unit types 692U, 692U/C.



**Type: 80PN**

**Description:** Module with illuminated card for street number complete with green LED illumination and system for removing the card from the rear.

**Type: 8T19**

**Description:** Module for surface-mounted video entry unit, provision for camera type 692U/C. Using this module with type 692U/C requires the addition of module type 80P1.



**Type: 8000**

**Description:** Blank module

## Module holder frames



**Description:** frame to hold modules, push-buttons, lamps, speech unit and camera  
**Colours:** light grey (standard colour, e.g. type 8081), sable grey (./35, e.g. type 8081/35), Brushed aluminium (./39, e.g. type 8081/39).  
**Material:** paint-finished aluminium and copolymer  
**Equipment:** screws for fixing frame onto a wall or surface mounted back box. The frames for 2, 3 and 4 modules are complete with plastic fittings to facilitate module attachment.

TYPE	Description	Dimensions (WxHxD) mm
8092	Frame for 2 vertical modules	101x271x21
8093	Frame for 3 vertical modules	101x383x21
8094	Frame for 4 vertical modules	101x495x21

## Back boxes



**Description:** wall-mounted back boxes for combination with module holder frames  
**Material:** galvanised sheet steel and copolymer for type 9094, only copolymer for type 9192 e 9193.  
**Supporti:** supports for horizontal assembly of multiple back boxes

TYPE	Description	Dimensions (WxHxD) mm
9192	Back box for frame type 8082 (2 modules)	89x248x50
9193	Back box for frame type 8083 (3 modules)	89x360x50
9094	Back box for frame type 8084 (4 modules)	89x472x50

## Rainproof covers



**Description:** rainproof covers for use with module holder frames as well as flush-mounted and surface-mounted wall boxes  
**Colours:** : light grey (standard colour, e.g. Type 9212), sable grey (./35, e.g. Type 9212/35), brushed aluminium (./39, e.g. Type 9212/39).  
**Material:** paint-finished aluminium and copolymer  
**Depth:** 38 mm

Vertical modules / Vertical Dimensions	Horizontal modules / Horizontal dimensions			
	1 module 118 mm	2 modules 218 mm	3 modules 318 mm	4 modules 418 mm
2 modules 290 mm	type 9212 (1x2)	type 9222 (2x2)	type 9232 (3x2)	type 9242 (4x2)
3 modules 402 mm	type 9213 (1x3)	type 9223 (2x3)	type 9233 (3x3)	type 9243 (4x3)
4 modules 514 mm	type 9214 (1x4)	type 9224 (2x4)	type 9234 (3x4)	type 9244 (4x4)

## Angular surface wall-mounted back boxes



**Description:** angular surface wall-mounted back boxes  
**Colour:** light grey (standard colour, e.g. type 9312/A), sable grey (./35, e.g. type 9312/A35)  
**Material:** painted aluminium.  
**Notes:** enable the panel to be fitted at a 45° angle from the wall, and must be used in combination with rainproof covers.

Vertical modules / Vertical Dimensions	Horizontal entrance panels/ Horizontal dimensions (side x side)	
	1 panel 85 x 85 mm	2 panels 156 x 156 mm
2 modules 290 mm	type 9312/A	type 9322/A
3 modules 402 mm	type 9313/A	type 9323/A
4 modules 514 mm	type 9314/A	type 9324/A

## Surface wall-mounted back boxes



**Description:** the surface wall-mounted back boxes are for use in combination with the rainproof covers, according to the number of modules fitted  
**Colours:** light grey (standard colour, e.g. Type 9311), sable grey (./35, e.g. Type 9311/35), brushed aluminium (./39, e.g. Type 9311/39)  
**Material:** paint-finished aluminium and copolymer  
**Depth of box:** 30 mm  
**Depth of box with rainproof cover:** 69 mm

Vertical modules / Vertical Dimensions	Horizontal modules / Horizontal dimensions			
	1 module 118 mm	2 modules 218 mm	3 modules 318 mm	4 modules 418 mm
2 modules 290 mm	type 9312 (1x2)	type 9322 (2x2)	type 9332 (3x2)	type 9342 (4x2)
3 modules 402 mm	type 9313 (1x3)	type 9323 (2x3)	type 9333 (3x3)	type 9343 (4x3)
4 modules 514 mm	type 9314 (1x4)	type 9324 (2x4)	type 9334 (3x4)	type 9344 (4x4)

# 3300 series electronic entrance panels

Electronic entrance panels with die-cast aluminium plates and weatherproof paint finish. Standard colour: sable grey. Supplied with special protection screws and back box. The electronic entrance panels with name card holder and push-buttons are backlit by means of green LEDs. The panels can control a door lock and three auxiliary functions by means of relay type 170/001. The panels are programmed via the panel keypad or by means of the programmer type 950C.

**Specifications common to models 39F4, 39F7, 39F3/..., 39F5/..., 395N, 3958**

- Colours: sable grey (standard colour)
- Material: die-cast aluminium
- Lamps: LED lighting (green)
- Plate dimensions (WxHxD): 120x280x30 mm
- Flush-mounted back box dimensions (WxHxD): 111x265x45 mm
- Equipment: flush-mounted back box type 330S



2-Wire electronic entrance panels with keypad and alphanumeric display

**Type: 39F4**

**Description:** Electronic audio entrance panel with: speech unit, alphanumeric display (with 2 lines x 16 characters), keypad and memory for 200 users (two 16-character names per user). An external CCTV video camera may be connected to the following entrance panel.



2-Wire electronic entrance panels with keypad and alphanumeric display

**Description: Type: 39F7**

Colour video panel with: camera, speech unit, alphanumeric display (with 2 lines x 16 characters), keypad and memory for 200 users (two 16-character names per user). Features colour video camera with 1/4" CCD sensor, 3 mm lens, LED for white lighting and manual pan and tilt facility.



2-Wire electronic entrance panels with conventional push-buttons

**Description:** Electronic audio entrance panel with: speech unit, conventional push-buttons and illuminated "ENGAGED-PLEASE WAIT" signal. An external CCTV video camera may be connected to the following entrance panel.

TYPE	N. push-buttons
39F3	3
39F3/0	0
39F3/1	1
39F3/2	2



2-Wire electronic entrance panels with conventional push-buttons

**Description:** Colour video entrance panel with: camera, speech unit, conventional push-buttons and illuminated "ENGAGED-PLEASE WAIT" signal. Equipped with colour video camera with 1/4" CCD sensor, 3 mm lens, LED for infrared lighting and manual pan and tilt facility.

TYPE	N. push-buttons
39F5	3
39F5/0	0
39F5/1	1
39F5/2	2



Additional panels for entrance panels with conventional push-buttons

**Type: 3958**

**Description:** Additional panel with 8 call push-buttons on one row

**Colours:** sable grey (standard colour)

**Material:** die-cast aluminium with galvanised steel frame

**Name tag holder illumination:** with green LEDs

**Equipment:** flush wall-mounted back box and brackets for side-by-side installation and fixture of multiple panels

**Plate dimensions (WxHxD):**

120x280x30mm

**Plate dimensions (WxHxD):**

111x265x45mm



Rainproof cover

**Type: 332P**

**Description:** surface wall-mounted rainproof cover for two entrance panels

**Colours:** sablé-grey (standard colour)

**Material:** die-cast aluminium

**Dimensions (WxHxD):** 250x290x100mm



**Type: 333P**

**Description:** surface wall-mounted rainproof cover for three entrance panels

**Colours:** sablé-grey (standard colour)

**Material:** die-cast aluminium

**Dimensions (WxHxD):** 370x290x100mm



Additional module for entrance panels with keypad and numeric display

**Type: 395N**

**Description:** additional entrance panel with illuminated tags for 50 names

**Colours:** sable grey (standard colour)

**Material:** die-cast aluminium with galvanised steel frame.

**Name tag holder illumination:** with green LEDs

**Equipment:** flush wall-mounted back box and brackets for side-by-side installation and fixture of multiple panels

**Plate dimensions (WxHxD):**

120x280x30mm

**Back box dimensions (WxHxD):**

111x265x45mm



# Patavium series electronic entrance panels

Patavium series electronic entrance panels comprise a plate in brass with gold effect finish and protective paint treatment by means of a PVD titanium nitrate surface coating process, and a galvanised sheet steel back box. Patavium series electronic entrance panels consist of standard panels and additional panels, which when combined enable the entrance panels to be expanded and personalised as required. All modules with name card holder and push-buttons are backlit by means of green LEDs. The panels can control a door lock and three auxiliary functions.

## Specifications common to models 89F4/T, 89F7/CT, 89F3/T., 89F5/CT., 805N/T, 8054/T

Colours: gold (standard colour)  
 Plate material: satin-finish brass with PVD protective treatment  
 Lamps: LED lighting (green)  
 Plate thickness: 4 mm  
 Plate dimensions: 120x309 mm  
 Flush-mounted back box dimensions: 105x266x55 mm  
 Equipment: flush-mounted box in galvanised steel with spacers for panel combination



Electronic entrance panels with keypad and alphanumeric display

### Type: 89F7/CT

**Description:** Standard electronic panel for assembly of a colour video entrance panel with: camera, speech unit, alphanumeric display (with 2 lines x 16 characters), keypad and memory for 200 users (two 16-character names per user). Includes colour video camera with 1/4" CCD sensor, 3 mm lens, LED for white lighting and manual pan and tilt facility.

### Type: 89F4/T

**Description:** Standard electronic panel for assembly of an audio entrance panel with: speech unit, alphanumeric display (with 2 lines x 16 characters), keypad and memory for 200 users (two 16-character names per user). An external CCTV video camera may be connected to the following entrance panels.



Electronic entrance panels with conventional push-buttons

**Description:** Colour video entrance panel with: camera, speech unit, conventional push-buttons and illuminated "ENGAGED-PLEASE WAIT" signal. Equipped with colour video camera with 1/4" CCD sensor, 3 mm lens, LED for infrared lighting and manual pan and tilt facility.

TYPE	N. push-buttons
89F5/CT	3
89F5/CT0	0
89F5/CT1	1
89F5/CT2	2

**Description:** Electronic audio entrance panel with: speech unit, conventional push-buttons and illuminated "ENGAGED-PLEASE WAIT" signal. An external CCTV video camera may be connected to the following entrance panels.

TYPE	N. push-buttons
89F3/T	3
89F3/OT	0
89F3/1T	1
89F3/2T	2



Additional panels

### Type: 805N/T

**Description:** Panel with 3 illuminated tags for 11 names (33 total) complete with back box, LED lighting system with system for removing the tag from the rear.



### Type: 8054/T

**Description:** Additional electronic entrance panel with 8 conventional push-buttons.

# Electronic units for 1200 series entrance panels

**Type: 12F4**

**Model:** audio electronic unit only, with alphanumeric keypad

**Compatible panel series:** 1200 and communication column

**Notes:** electronic module for an audio entrance panel with alphanumeric keypad. Equipped with speech unit, alphanumeric display (with 2 lines x 16 characters), keypad and memory for 200 users (two 16-character names per user), to be used with plates type 122D, 123D and 12CD. An external CCTV video camera may be connected to the unit.

**Type: 12F7**

**Model:** video electronic unit only, with alphanumeric keypad

**Compatible entrance panel series:** 1200 and communication column

**Video camera**

Sensor: 1/4" CCD colour Lens: 3 mm

Subject lighting: white LED

**Notes:** Electronic module for a colour video entrance panel with alphanumeric keypad. Equipped with speech unit, colour video camera, alphanumeric display (with 2 lines x 16 characters), keypad and memory for 200 users (two 16-character names per user), to be used with plates type 122D, 123D and 12CD. The video camera has a manual pan and tilt facility.

**Type: 12F3/3**

**Model:** audio electronic unit only, with 3 call push-buttons.

**Compatible panel series:** 1200 and communication column

**Notes:** electronic module for an audio entrance panel with conventional push-buttons. Equipped with speech unit, illuminated "Engaged" signal on speaker grill and 6 push-buttons in 2 rows (3+3), for use with plate types 122x, 123x and 12Cx but not with types 1224, 1238, 12C4 or 12C8. Type 12TS allows the number of push-buttons of the electronic unit to be increased. An external CCTV video camera may be connected to the unit.

**Type: 12F3**

**Model:** audio electronic unit only, with 4 call push-buttons.

**Compatible panel series:** 1200 and communication column

**Notes:** electronic unit for an audio entrance panel with conventional push-buttons. Equipped with speech unit, illuminated "Engaged" signal on speaker grill and 8 push-buttons in 2 rows (4+4), for use with plate types 122x, 123x and 12Cx. Type 12TS allows the number of push-buttons of the electronic unit to be increased. An external CCTV video camera may be connected to the unit.

**Type: 12F5/3**

**Model:** video electronic unit only, with 3 call push-buttons.

**Compatible panel series:** 1200 and communication column

**Video camera**

Sensor: 1/4" CCD colour

Lens: 3 mm

Subject lighting: white LED

**Notes:** electronic unit for a colour video entrance panel with conventional push-buttons. Equipped with speech unit, illuminated "Engaged" signal on speaker grill and 6 push-buttons in 2 rows (3+3), for use with plate types 122x, 123x and 12Cx but not with types 1224, 1238, 12C4 or 12C8. Type 12TS allows the number of push-buttons of the electronic unit to be increased. The video camera has a manual pan and tilt facility.

**Type: 12F5**

**Model:** video electronic unit only, with 4 call push-buttons.

**Compatible panel series:** 1200 and communication column

**Video camera**

Sensor: 1/4" CCD colour

Lens: 3 mm

Subject lighting: white LED

**Notes:** electronic unit for a colour video entrance panel with conventional push-buttons. Equipped with speech unit, illuminated "Engaged" signal on loudspeaker grill and 8 push-buttons in 2 rows (4+4), for use with plate types 122x, 123x and 12Cx. Type 12TS allows the number of push-buttons of the electronic unit to be increased. The video camera has a manual pan and tilt facility.

**Type: 12TS**

**Model:** additional module with 4 push-buttons

**Compatible panel series:** 1200

**Notes:** additional module for use in conjunction with electronic unit types 12F3, 12F3/3, 12F5, 12F5/3, 1283, 1283/3, 1285, 1285/3 for adding extra call push-buttons. Multiple 12TS modules can be connected in series.

# Letterbox system electronic units



**Type: 25F3/6**  
**Model:** electronic unit with 6 call push-buttons.  
**Compatible panel series:** Elvox letterbox system  
**Notes:** electronic unit for the composition of an audio or video entrance panel with conventional push-buttons. Up to 6 call buttons can be connected, can also be combined with speech unit type 2930 or camera with speech unit type 2559. For use with panel type 25Vx. Type 693P and/or type 693P/M enable the number of push-buttons on the electronic unit to be increased.



**Type: 693P**  
**Model:** additional module for connection of up to 8 push-buttons  
**Compatible panel series:** 3300, Patavium, Elvox letterbox system  
**Dimensions (WxHxD):** 48x70x19 mm  
**Notes:** additional module for use in conjunction with 2-Wire or Digibus electronic units or with type 6930 for increasing the number of call buttons. The module can be connected to call push-buttons of non-Elvox panels.

**Type: 693P/M**  
**Model:** additional module for connection of up to 8 push-buttons  
**Compatible panel series:** Elvox letterbox system  
**Dimensions (WxHxD):** 48x70x19 mm  
**Notes:** additional module for use in conjunction with type 25F3/6 electronic unit. The module is provided with 2 x 50 cm harnesses for connection to other modules type 693P/M.



**Type: 2930**  
**Model:** Audio speech unit for electronic units  
**Compatible panel series:** Elvox letterbox system  
**Compatible electronic units:** 25F3/6, 2583/6  
**Notes:** for use with 2-Wire and Digibus electronic units only.

**Type: 2559**  
**Model:** Colour video camera with audio speech unit for electronic units  
**Sensor:** 1/4" CCD colour  
**Lens:** 3 mm  
**Video standard:** PAL  
**Subject lighting:** with white LEDs over a maximum distance of 50 cm  
**Compatible panel series:** Elvox letterbox system  
**Compatible electronic units:** 25F3/6, 2583/6  
**Notes:** for use with 2-Wire and Digibus electronic units only.

# Cameras and external speech units for entrance panels



**Type: 692U**  
**Model:** B/W video camera with audio speech unit for connection to a single apartment  
**Sensor:** CCD 1/4" B/W  
**Lens:** 3.7 mm  
**Video standard:** CCIR 625 lines, 50 panels (to EIA standard requirements)  
**Subject lighting:** with infrared LED over a maximum distance of 50 cm  
**Compatible panel series:** 1200, 8000, 8100  
**Compatible power supply units:** 6922+692S  
**Notes:** Equipped with a harness for connection to a single panel call push-button and a harness for connection of the "ENGAGED-PLEASE WAIT" signal. The Engaged signal can be used in 8000 series panels by means of module types 80P1+8019 and in 8100 series panels with type 81V1.

**Type: 692U/C**  
**Model:** Colour video camera with audio speech unit for connection to a single apartment  
**Sensor:** 1/4" CCD colour  
**Lens:** 3.7 mm  
**Video standard:** PAL  
**Subject lighting:** with white LEDs over a maximum distance of 50 cm  
**Compatible panel series:** 1200, 8000, 8100  
**Compatible power supply units:** 6922+692S  
**Notes:** Equipped with a harness for connection to a single panel call push-button and a harness for connection of the "ENGAGED-PLEASE WAIT" signal. The engaged signal can be used in 8000 series panels by installing module types 80P1+8T19 and in 8100 series panels using type 81VT.



**Type: 6930**  
**Model:** Audio speech unit to be used also for master panels  
**Compatible panel series:** 1200, 3300, 8000, 8100, Patavium and letterbox types 2550/301, 2550/302  
**Compatible power supply units:** 6922+692S  
**Notes:** In all entrance panel series, the speech unit can be connected to up to 2 call push-buttons. In the 8000 series, the two call push-buttons can be increased with other buttons, by means of module types 8051, 8052, 8053, 8054. In the 3300 series, the two call push-buttons can be increased with other buttons, by means of panel type 3958 or type 693P and the standard 3300 series keypad. In the Patavium series, the two call push-buttons can be increased with other buttons, by means of module type 693P and the standard Patavium series keypad. In the 1200 series, the two call push-buttons can be increased with other buttons, by combining types 1200 + 125x + 12TS. The "ENGAGED-PLEASE WAIT" signal can be used in 8000 series panels by means of plate 80PA.



**Type: 6570**  
**Model:** B/W video camera without audio speech unit for type 6930  
**Sensor:** CCD 1/4" B/W  
**Lens:** 3 mm  
**Video standard:** CCIR 625 lines, 50 panels (to EIA standard requirements)  
**Subject lighting:** with infrared LED over a maximum distance of 50 cm  
**Compatible panel series:** 8000, letterbox types 2550/301, 2550/302  
**Compatible power supply units:** 6922  
**Notes:** Camera to be used combined with speech unit type 6930.

**Type: 657C**  
**Model:** Colour camera without audio speech unit for type 6930  
**Sensor:** 1/4" CCD colour  
**Lens:** 3 mm  
**Video standard:** PAL  
**Subject lighting:** with white LEDs over a maximum distance of 50 cm  
**Compatible panel series:** 8000, letterbox panels type 2550/301, 2550/302  
**Compatible power supply units:** 6922  
**Notes:** Camera to be used in conjunction with speech unit type 6930.

# Power supplies

## Specifications common to models 6922, 6923, 6982 and 6582

Material: class V-0 technopolymer  
 Installations: surface wall-mounted with plugs or in electrical cabinets  
 Equipment: 2 screws and expansion plugs, protection caps for terminal boards.



**Type: 6922**

**Model:** basic power supply unit for 2-Wire systems  
**Applications:** necessary in all 2-Wire systems for supplying power to devices along the connection riser.  
**Dimensions (WxHxD):** 140x115x65 mm  
**DIN dimensions:** 8 modules  
**Number of wires for panel connection:** 2 twisted wires  
**Number of wires for audio or video door entry unit upright:** 2 twisted wires  
**Output voltage:** 28Vdc  
**Power supply:** 230V 50Hz  
**Maximum absorbed power:** 60VA  
**Protections:** with PTC against short circuits and temperature variations  
**Certification:** IMQ  
**Notes:** has an additional output for 28Vdc 100mA auxiliary services in continuous service.



**Type: 6923**

**Model:** additional power supply unit  
**Applications:** for supplying power to panels, video door entry systems, concentrators, switchboard supporting basic power supply unit type 6922.  
**Dimensions (WxHxD):** 70x115x65 mm  
**DIN dimensions:** 4 modules  
**Output voltage:** 28Vdc  
**Power supply:** 230V 50Hz  
**Maximum absorbed power:** 15VA  
**Protections:** with PTC against short circuits and temperature variations  
**Notes:** to use for supplying power to an individual panel, video door entry unit, concentrator or to the switchboard, when the total appliance load exceeds that of the standard power supply unit.

**Type: 6982**

**Model:** additional power supply unit  
**Applications:** for supplying power to 12Vdc external video cameras  
**Dimensions (WxHxD):** 70x115x65 mm  
**DIN dimensions:** 4 modules  
**Output voltage:** 13.5Vdc  
**Power supply:** 230V 50Hz  
**Maximum absorbed power:** 10VA  
**Protections:** with PTC against short circuits and temperature variations  
**Notes:** to be used for supplying power to external CCTV cameras (12Vdc), controlled by electronic panels or a porter switchboard.

**Type: 6582**

**Model:** additional power supply unit  
**Applications:** to be used to supply power to the LEDS for lighting the panel name tags.  
**Dimensions (WxHxD):** 70x115x65 mm  
**DIN dimensions:** 4 modules  
**Output voltage:** 10.5Vdc, 13.5Vdc, 18Vdc untablised.  
**Power supply:** 230V 50Hz  
**Maximum absorbed power:** 35VA  
**Protections:** with PTC against short circuits and temperature variations  
**Certification:** IMQ  
**Notes:** : to be used with electronic panels when there are two or more modules and additional panels.

## Separator



**Type: 692S**

**Description:** separator

**Material:** copolymer

**Dimensions (WxHxD):** 70x115x65 mm

**DIN dimensions:** 4 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** used for dividing conversation areas in residential complex-type systems, in systems with apartments having a dedicated door panel, or in systems with groups of independent intercommunicating audio and video door entry systems.

## Concentrator



**Type: 692C**

**Description:** concentrator

**Material:** copolymer

**Dimensions (WxHxD):** 70x115x65 mm

**DIN dimensions:** 4 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** in video door entry systems, it is used for the parallel connection of up to 4 panels, at least one of which is a video entrance panel, and for dividing the riser column into two or more risers. Two or more concentrators can be connected in series, up to a maximum of 5, using one of the 4 inputs for connecting the next concentrator.

## Switches



**Type: 69AM**

**Description:** audio/video switch for 4 CCTV cameras and/or type Vimar® 20565/14565

**Material:** copolymer

**Dimensions (WxHxD):** 140x115x65 mm

**DIN dimensions:** 8 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** Enables connection of the video signal of 4 CCTV cameras and/or the audio/video signal of 4 VIMAR 20565/14565 cameras to the 2-Wire system. Camera selection is cyclical by way of the lock push-button after the auto-activation phase. The two F1 and F2 functions can also be connected to the selector.

**Type: 69AM/4**

**Description:** video switch for 4 cameras for combination with type 69AM

**Material:** copolymer

**Dimensions (WxHxD):** 70x115x50 mm

**DIN dimensions:** 4 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** used to expand the number of cameras to be connected to type 69AM. Type 69AM can be connected to up to 3 switches type 69AM/4 for a total of 8, 12, 16 cameras.



**Type: 69AM/T**

**Description:** video switch for 4 CCTV cameras.

**Material:** copolymer

**Dimensions (WxHxD):** 140x115x65 mm

**DIN dimensions:** 8 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** Enables connection of the video signal of 4 CCTV cameras to the 2-Wire system. Camera selection is cyclical by way of the lock push-button after the auto-activation phase. The two F1 and F2 functions can also be connected to the selector.

**Type: 69AM/T4**

**Description:** video switch for 4 cameras for combination with type 69AM/T.

**Material:** copolymer

**Dimensions (WxHxD):** 70x115x50 mm

**DIN dimensions:** 4 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** used to expand the number of cameras to be connected to type 69AM/T. Type 69AM/T can be connected to up to 3 switches type 69AM/T4 for a total of 8, 12, 16 cameras.

## Distributors



**Type: 692D**

**Description:** passive video distributor for 4 outputs

**Material:** copolymer

**Dimensions (WxHxD):** 48x70x19 mm

**Installation:** in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** to be used for the distribution and impedance adaptation of the video signal in B/W video systems on unbalanced connection lines.

**Type: 692D/2**

**Description:** active video distributor for 4 outputs

**Material:** copolymer

**Dimensions (WxHxD):** 48x70x19 mm

**Installation:** in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** to be used for the distribution and impedance adaptation of the video signal in colour or B/W video systems on unbalanced connection lines.

## Relays



**Type: 69RH**

**Description:** device programmable as two relays for auxiliary services or as call repeater  
**Material:** copolymer

**Dimensions (WxHxD):** 70x115x50 mm

**DIN dimensions:** 4 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** functions as a double timed relay to provide 2 independent auxiliary services (e.g. stair lighting) or as a call repeater relay for entrance panel and intercommunicating calls from an audio/video door entry unit in the system. In mode 1 it is possible to identify the device with a relay recognition code; up to 8 devices can be installed in the same system. In mode 2 the device can be associated with up to 4 groups of audio/video door entry units for call repeating. Equipped with two relays with normally open contacts and maximum load 3A 230V.



**Type: 170/001**

**Description:** relay with one set of changeover contacts: 1 contact normally open, 1 contact normally closed

**Material:** copolymer

**Dimensions (WxHxD):** 70x105x50mm

**DIN Dimensions:** 4 modules

**Installation:** surface wall-mounted with screws or in electrical cabinets

**Equipment supplied:** 2 screws and expansion plugs, protection covers for terminals

**Notes:** 3A 230 V A.C. load to contacts

**Type: 170/002**

**Description:** as per type 170/001 but with two relays in one module

## Chimes



**Type: 860A**

**Description:** Chime with 2 call tones for 2 different types of call

**Colour:** white

**Material:** copolymer

**Supply voltage:** 230Vca

**Maximum absorbed power:** 3VA

**Dimensions (WxHxD):** 140x140x50mm

**Installation:** surface wall-mounted with screws

**Equipment supplied:** 2 screws and expansion plugs

## Programmer



**Type: 950C**

**Description:** portable programming module with keyboard and alphanumeric display for basic and advanced programming of 2-Wire devices for apartments with more than 4 video or audio door entry units in a single apartment.

**Type: 69RH/L**

**Description:** device programmable as double relay for auxiliary services with panel call

**Material:** copolymer

**Dimensions (WxHxD):** 70x115x50 mm

**DIN dimensions:** 4 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** functions as a double timed relay to provide 2 independent auxiliary services (e.g. stair lighting). The 2 relays can be activated by 2 call codes coming from the panel. Equipped with two relays with normally open contacts and maximum load 3A 230V.

**Type: 170/101**

**Description:** relay to repeat call on interphones and monitors with additional bells

**Material:** Bayblend class V-0

**Dimensions (WxHxD):** 70x115x50mm

**DIN housing dimensions:** 4 modules

**Installation:** surface wall-mounting with expansion plugs or in electrical cabinets

**Equipment supplied:** 2 screws and expansion plugs, protective covers for terminal blocks.

**Notes:** 3A 230A.C. load to contacts.

## Cables



**Type: 732H/100**

**Description:** 100 m roll of cable for internal installation.

**Cable marking:** N.P.I. CEI 20-22II CEI 20-35 CEI 20-37 I

**Sheath:** PVC N.P.I. with diameter of 6.10 mm

**Number of wires:** 2 twisted conductors of 1mm<sup>2</sup>

**Type: 732H/500**

**Description:** 500 m roll of cable for internal installation.

**Cable marking:** N.P.I. CEI 20-22II CEI 20-35 CEI 20-37 I

**Sheath:** PVC N.P.I. with diameter of 6.10 mm

**Number of wires:** 2 twisted conductors of 1mm<sup>2</sup>

**Type: 732I/100**

**Description:** 100 m roll of cable for underground installation in pipes.

**Cable marking:** LSZH CEI 20-22 III Cat D III CEI EN 50266-2-4

**Sheath:** LSZH with diameter of 7.60 mm 2 twisted conductors of 1mm<sup>2</sup>

**Type: 732I/500**

**Description:** 500 m roll of cable for underground installation in pipes.

**Cable marking:** LSZH CEI 20-22 III Cat D III CEI EN 50266-2-4

**Sheath:** LSZH with diameter of 7.60 mm 2 twisted conductors of 1mm<sup>2</sup>

## Interfaces

**Type: 69MC**

**Description:** interface for converting a 2-Wire digital signal into a standard audio/video signal.

**Material:** copolymer

**Dimensions (WxHxD):** 70x115x50 mm

**DIN dimensions:** 4 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** enables extraction of audio and video signal from the 2-Wire bus when there is a usable signal. At the time of extraction, the interface signals the operation by closing an N/O contact (24Vac 0.5A).

**Type: 69MD**

**Description:** interface for converting a 2-Wire digital signal into a standard audio/video signal for user.

**Material:** copolymer

**Dimensions (WxHxD):** 70x115x50 mm

**DIN dimensions:** 4 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** enables extraction of audio and video signal from the 2-Wire bus when there is a usable signal referring to one or more users.

The signals are extracted when the users programmed in the interface have been called. Type 950C or a PC is required for programming. At the time of extraction, the interface signals the operation by closing a N/O contact (24Vac 0.5A).

**Type: 693T**

**Description:** interface for CCTV camera to be connected to external speech unit type 6930

**Material:** copolymer

**Dimensions (WxHxD):** 70x115x50 mm

**DIN dimensions:** 4 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** the interface is powered directly from the external speech unit type 6930, and can supply power to an external camera 12Vdc 150mA (max.).

**Type: 6120**

**Model:** interface for connecting 2 remote push-buttons

**Dimensions (WxHxD):** 48x70x19 mm

**Notes:** the interface can be used to connect 2 remote push-buttons (normally open) to the 2-Wire bus, for activation of: door lock release, door call, auxiliary functions F1 and F2, relay type 69RH. For programming the door release and door call functions, type 950 or a PC are not required.

**Type: 3532**

**Description:** telephone interface for 2-Wire systems

**Material:** copolymer

**Dimensions (WxHxD):** 140x115x65 mm

**DIN dimensions:** 8 modules

**Installation:** surface wall-mounted with plugs or in electrical cabinets

**Equipment:** 2 screws and expansion plugs, protection caps for terminal boards.

**Notes:** the interface switches 4 separate audio door entry calls to 4 telephone calls, dialling programmable telephone numbers; it can receive telephone calls and be connected automatically to the door entry system and send commands to the 2-Wire system (activation of actuators, lock release, intercom calls).

The interface can be connected to telephone switchboards, to the PSTN telephone line (analogue) and to the NT1+ analogue line. Equipped with 2 relay outputs (bistable). The interface can be fitted with board type 353A to manage up to 4 open-collector outputs. Remote programming is possible via telephone.

**Type: 353A**

**Description:** Board for adding 4 open-collector outputs to interface types 3531, 3532, 3533.

**Type: 692I**

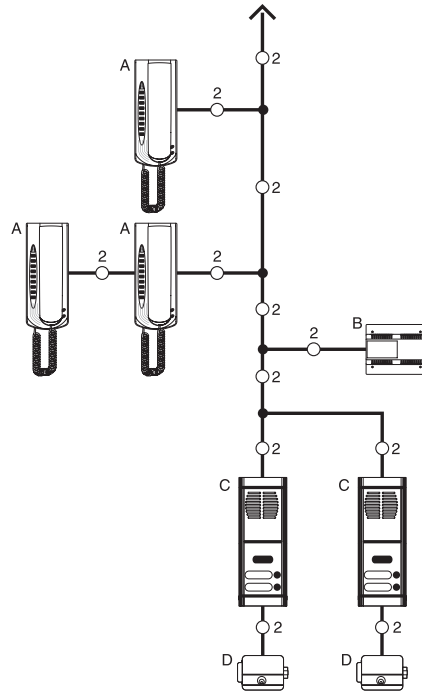
**Description:** PC interface with RS232 serial connector and software type 69CD for basic and advanced programming of 2-Wire devices and for apartments with more than 4 video or audio door entry units in a single apartment.

**Type: 692I/U**

**Description:** PC interface with USB connector and software type 69CD for basic and advanced programming of 2-Wire devices and for apartments with more than 4 video or audio door entry units in a single apartment.

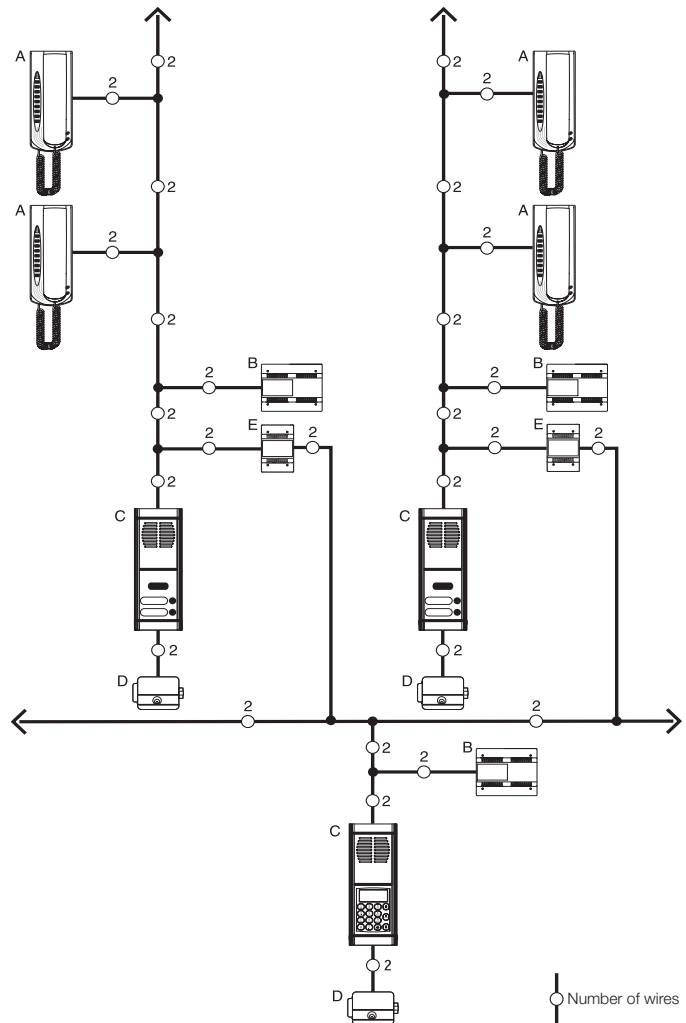
Electronic audio door entry system with 1 or 2 external audio entrance panels


- A:** Interphone type 6209, 8879, 6601/AU, 6701/AU, 660C/AU, 6611/AU, 6711/AU, 661C/AU
- B:** Power supply type 6922
- C:** 2-WIRE 8000, 1200, 3300 PATAVIUM, Letter box system series electronic audio entrance panel
- D:** 12V AC electric lock



Electronic audio door entry system for building complex

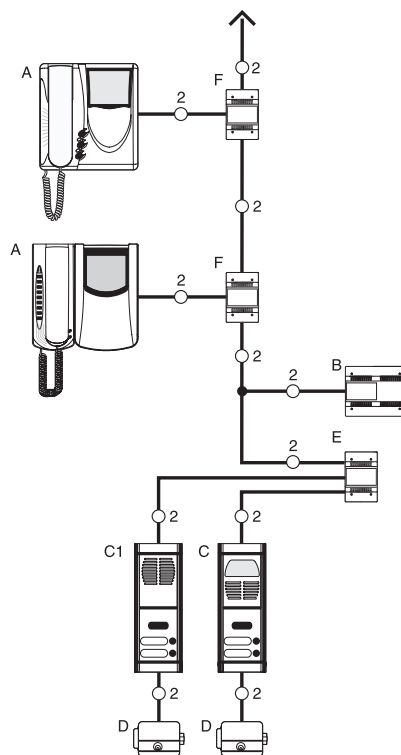
- A:** Interphone type 6209, 8879, 6601/AU, 6701/AU, 660C/AU, 6611/AU, 6711/AU, 661C/AU
- B:** Power supply type 6922
- C:** 2-WIRE 8000, 1200, 3300 PATAVIUM, Letter box system series electronic audio entrance panel
- D:** 12V AC electric lock
- E:** Separator type 692S



 Number of wires

Electronic video door entry system with 2 external entrance panels; one video and one audio

- A:** Monitor type 6209+6009+6145, type 6209+6009/C+6145, 6309, 6309/C, 6329, 6329/C, 6601, 660C, 6701, 6611, 661C, 6711
- B:** Power supply type 6922
- C:** 2-WIRE 8000, 1200, 3300 PATAVIUM, LETTER BOX UNIT series electronic video entrance panel
- C1:** 2-WIRE 8000, 1200, 3300 PATAVIUM, LETTER BOX UNIT series electronic audio entrance panel
- D:** 12V AC electric lock
- E:** Concentrator type 692C
- F:** Video distributor type 692D o 692D/2



Electronic video door entry system for building complex

- A:** Interphone type 6209, 8879, 6601/AU, 6701/AU, 660C/AU, 6611/AU, 6711/AU, 661C/AU
- A1:** Monitor type 6209+6009+6145, type 6209/C+6009/C+6145, 6309, 6309/C, 6329, 6329/C, 6601, 660C, 6701, 6611, 661C, 6711
- B:** Power supply type 6922
- C:** 2-WIRE 8000, 1200, 3300 PATAVIUM, LETTER BOX UNIT series electronic video entrance panel
- C1:** 2-WIRE 8000 series electronic audio entrance panel 1200, 3300 PATAVIUM, LETTER BOX UNIT
- D:** 12V AC electric lock
- E:** Separator type 692S
- G:** Video distributor type 692D o 692D/2

