Bitron Video begins its industrial venture with the purpose of designing, manufacturing and distributing video doorphone devices and systems, a great idea and a challenging innovation that dates as far back as 1967. The clear knowledge of the market readiness to accept innovative propositions - for systems of greater performance in all operational conditions - prompted Bitron Video to develop and propose a new approach to comfort and security. The immediate success among the public soon brought the Company to the attention of business operators in the electric market, both domestically and internationally.

With relentless research, Bitron Video eliminated the need of coaxial cables for video doorphone installations, and introduced the thin, flat-screen monitors as early as the 80's. Not even a decade thereafter, in the 90's, Bitron Video hits another 'first' with the introduction of colour monitors using LCD screens with active crystals. Thanks to its consolidated know-how, Bitron Video is – since a long time - a renowned and well-respected Italian market leader enjoying excellent reputation world-wide.

The Products Line
Between Comprehensiveness and Quality

Doorphones and Video doorphones
Bitron Video's vast and exhaustive line of advanced products offers professional solutions for all needs, from reliable kits to the most complex installations of sophisticated performance.

CCTV
Since the early times of its activity, Bitron Video has played an important role for professional CCTV installers in the domestic market. Strengthened by many years of specific experience, Bitron Video is now stepping out and offering a comprehensive range of professional CCTV products to its International Clientele.

Professional Tutoring
Since its very origins, Bitron Video has lived to its belief that all professional customers – the Installers – must be constantly updated on the latest technologies and market trends. To achieve such a vital goal, a team of professional trainers offers educational seminars at various levels to meet the needs of sales managers, installation engineers, repair and maintenance personnel alike. All courses are supported with audio-visual materials and practical sessions, as needed. Bitron Video's 35-year history of experience and technical excellency are made available to all Professionals to heighten their skill and to support their growth and success. Your success is our success!

Contents

DOMULAR 3000

This catalogue refers to DOMULAR 3000 visitor panels only. For all other system components to complete audio and video doorphone installations, please refer to specific Bitron Video documentation.

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Standard Systems
Embedding Boxes

Created to facilitate the installation work, the push button panel DOMULAR 3000 does not need any protection or hood cover against rain, because it is equipped with sophisticated systems of weather stripping that guarantee a good shelter from bad weather. Thanks to its only 35mm in thickness, DOMULAR 3000 is ideal for wall support application solutions simplifying the setting operations and button panel installation a lot. However, the great versatility of this product permits also to make embedded installations by using specific embedding boxes.

Embedded boxes are supplied without wall-mount supports.
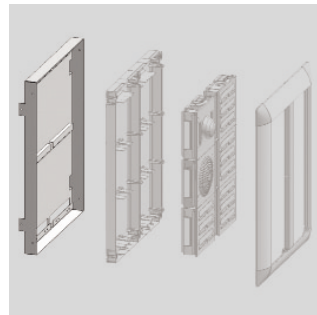
For each panel configuration there is a specific embedding box model
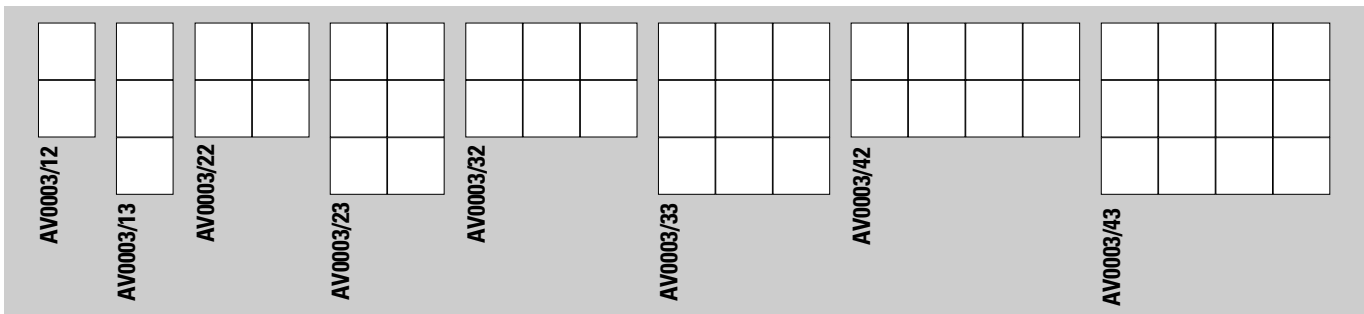
| Code	Description	Dimensions (mm)		
		H	**L**	**P**
AV0003/12	1-line, 2-module SI3000/12	264	148	25
AV0003/13	1-line, 3-module SI3000/13	364	148	25
AV0003/22	2-line, 2-module SI3000/22	264	273	25
AV0003/23	2-line, 3-module SI3000/23	364	273	25
AV0003/32	3-line, 2-module SI3000/32	264	398	25
AV0003/33	3-line, 3-module SI3000/33	364	398	25
AV0003/42	4-line, 2-module SI3000/42	264	522	25
AV0003/43	4-line, 3-module SI3000/43	364	522	25

Standard Systems
Wall-Mount Supports

Wall-mount supports are the "framework" supporting the entire visitor panel, be it embedded or surface-mounted. They have a modular design so they can be matched in multiple-line compositions.

Wall-mount supports are available in 2- and 3- module versions; equal versions can be matched to obtain the number of lines required. All mounting accessories are included.
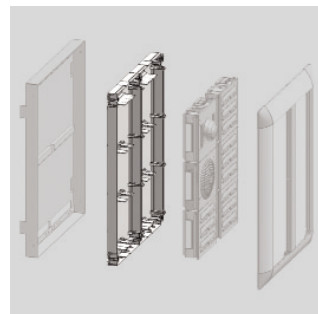
Wall-mount supports are the mounting structure of the panels; they must always be used for both embedded and surface-mounted installations.

Code	Description
AV0011/02	2-module wall-mount support BM3000/02
AV0011/03	3-module wall-mount support BM3000/03

Wall-mount supports come with a set of spacers. They may be necessary with surface-mounted panels to compensate wall unevenness, or with embedded installations to correct possible box setting errors.

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Standard Systems
Frames for Embedded Panels

The module-holding frames differ according to whether the push-button panels are surface-mounted or embedded. In fact, their profiles protrude differently (35mm for surface mounting and only 20mm for embedded panels), and - with embedded versions - they cover possible masonry imperfections.

Frames for embedded panels are made of painted aluminium; they are supplied in kit-form, to be assembled.
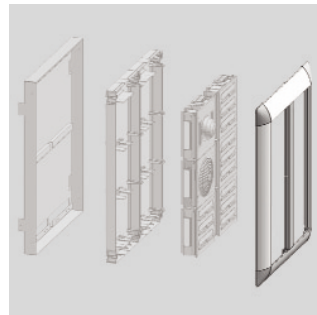
There is a specific frame model for each panel configuration. All assembling accessories are supplied with the kit.

Important note
The frame kits come with a jumper-cable set for interconnecting modules of two different lines, thus reducing installation time a lot and eliminating probable errors.
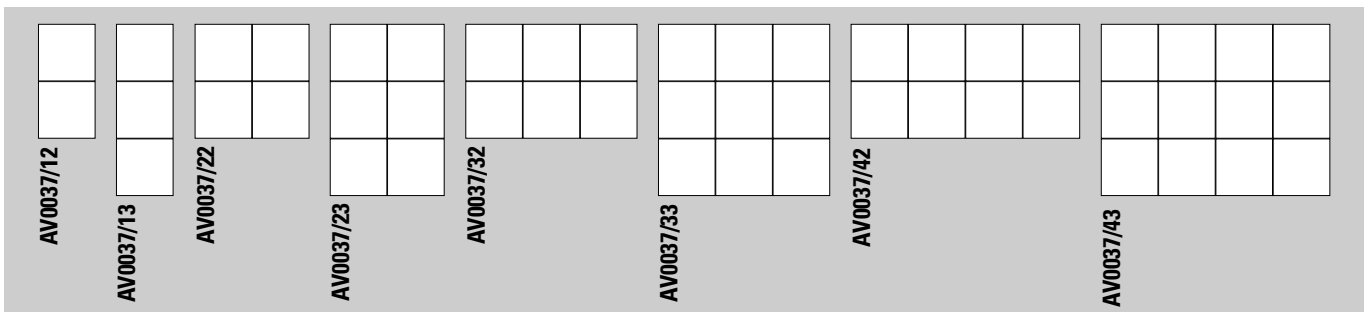
Code	Description	Dimensions (mm)		
		H	L	P
AV0037/12	1-line, 2-module frame KCI3000/12	272	171	20
AV0037/13	1-line, 3-module frame KCI3000/13	372	171	20
AV0037/22	2-line, 2-module frame KCI3000/22	272	296	20
AV0037/23	2-line, 3-module frame KCI3000/23	372	296	20
AV0037/32	3-line, 2-module frame KCI3000/32	272	420	20
AV0037/33	3-line, 3-module frame KCI3000/33	372	420	20
AV0037/42	4-line, 2-module frame KCI3000/42	272	545	20
AV0037/43	4-line, 3-module frame KCI3000/43	372	545	20

Standard Systems
Frames for Surface-Mount Panels

The module-holding frames differ according to whether the push-button panels are surface-mounted or embedded. In fact, their profiles protrude differently (35mm for surface mounting and only 20mm for embedded panels), and those for surface-mounted installation confer the panels the solid appearance which is typical of embedded solutions.
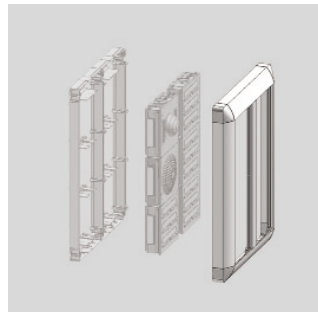

Frames for surface-mount panels are made of painted aluminium; they are supplied in kit-form, to be assembled.

There is a specific frame model for each panel configuration. All assembling accessories are supplied with the kit.

Important note
The frame kits come with a jumper-cable set for interconnecting modules of two different lines, thus reducing installation time a lot and eliminating probable errors.
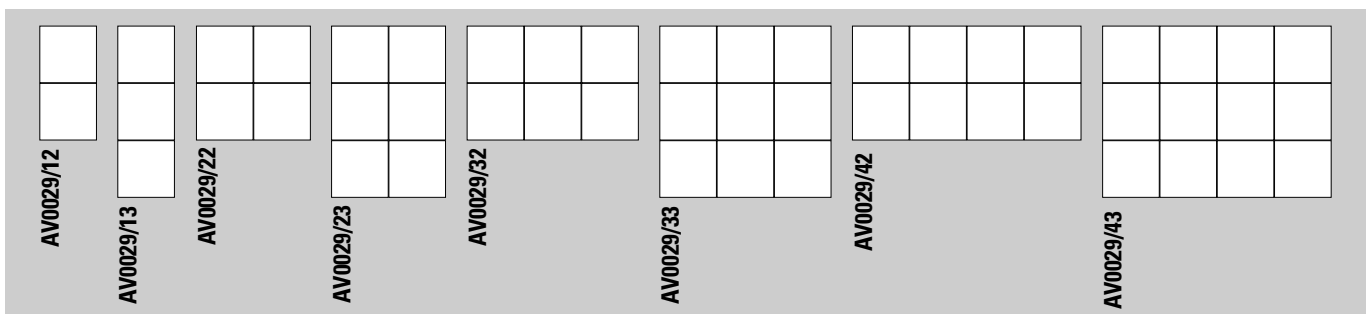
Code	Description	Dimensions (mm)		
		H	L	P
AV0029/12	1-line, 2-module frame KCA3000/12	264	152	35
AV0029/13	1-line, 3-module frame KCA 3000/13	364	152	35
AV0029/22	2-line, 2-module frame KCA3000/22	264	276	35
AV0029/23	2-line, 3-module frame KCA3000/23	364	276	35
AV0029/32	3-line, 2-module frame KCA3000/32	264	400	35
AV0029/33	3-line, 3-module frame KCA3000/33	364	400	35
AV0029/42	4-line, 2-module frame KCA3000/42	264	525	35
AV0029/43	4-line, 3-module frame KCA3000/43	364	525	35

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Standard Systems
Call-button Modules

The call-button modules - as well as all other DOMULAR 3000 functional modules - have been designed to facilitate the installation work and the connection of both system wires and of all other modules forming the panels.

Their main characteristics are:
- Metal buttons
- Metal front plate
- Built-in diodes plate for video and "1+n" audio systems
- "Hinged" mounting on wall-mount support
- Modules tilting possibility to facilitate cables connection
- Rising-clamp terminal block
- Nametags back-lighting by ever-lasting green LED's
- Nametag substitution without opening the panel
- Nametag holder with gasket protection against humidity (IP35)
- Connectors for the fast connection of the panel's common wires.

Call-button modules are available in several models:
- 0 button (blind module)
- 2 buttons
- 4 buttons
- 6 buttons
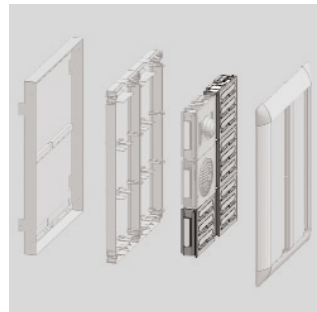
For installation convenience, call-button modules are already fitted with the diodes requested for the correct operation of "1+n" and video systems. Hence they need not be added separately.

Nametag holders can be substituted without opening the panel, by following an easy but secure procedure.

All DOMULAR 3000 panels have been designed to speed up installing operations.
A clear example is its wiring structure made of practical connectors that reduce installation time a lot while minimising the risk of errors.

Code	Description
AV0045/00	Blind module PSM3000/00
AV0045/02	2-button module PSM3000/02
AV0045/04	4-button module PSM3000/04
AV0045/06	6-button module PSM3000/06

Standard Systems
Audio Modules

The audio modules - as well as all other DOMULAR 3000 functional modules - have been designed to facilitate the installation work and the connection of both system wires and of all other modules forming the panels. A weather-resistant Mylar loudspeaker and a high-efficiency Electrete microphone, are part of the two-way audio amplifier of the system.
The range is composed of two different models:

AV0052/05 (GCM3000/5) "4+n" Audio Module
· Separate speech volumes adjustment
· Generation of electronic call tone
· Acoustic confirmation of the delivered call (excludible)
· Possibility of tilting the module to facilitate wires connection
· System speech disconnector for privacy of conversation
· Rising-clamp terminal block
· Used for standard "4+n" doorphone systems

AV0052/02 (GCM3000/2) "1+n" Audio Module
· Separate speech volumes adjustment
· Generation of electronic call tone
· Acoustic confirmation of the delivered call (excludible)
· Possibility of tilting the module to facilitate wires connection
· System speech disconnector for privacy of conversation
· Rising-clamp terminal block
· Possibility of microphone relocation to avoid the Larsen effect
· Timed door opening command (3 or 30 secs.)
· Used together with **AV 0060** (GVM 3000) module in video doorphone panels, or in "1+n" doorphone systems

Audio modules are available in two different modules:
· **AV0052/05** for "4 +n" systems
· **AV0052/02** for "1 +n" systems
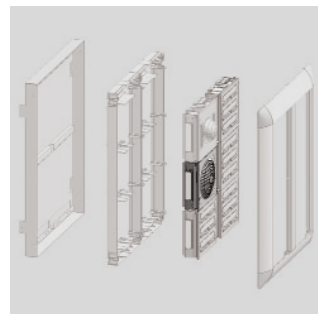
A Mylar loudspeaker and an electronic microphone (with possibility of relocation) equipping the audio modules assure superior speech quality and a high protection from bad weather.

All the modules of DOMULAR 3000 panels can be "turned" as a book page to facilitate the insertion of wires into the terminal block.
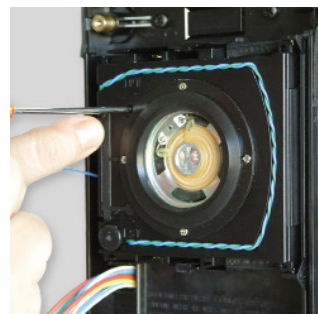
Speech volumes adjustments are frontally accessible, without having to turn the call panel upside down.

Code	Description
AV0052/02	GCM3000/2 "1+n" audio module
AV0052/05	GCM3000/5 "1+n" audio module

Standard Systems
Video Modules

The video modules - as well as all other DOMULAR 3000 functional modules - have been designed to facilitate the installation work and the connection of both system wires and of all other modules forming the panels.
To build a complete video doorphone system it is necessary to combine one video module to one **AV0052/02** (GCM3000/2) "1+n" audio module.
Video modules are available in two different models, one with monochrome camera and one with a COLOUR camera of "**DAY&NIGHT**" technology.

The main features are:

- 5-wire functioning, without coaxial cable
- Built-in infrared LED illuminator for b/w modules.
- High-intensity white light LED illuminator for COLOUR camera modules; no additional light module required, nor available
- "DAY&NIGHT" camera for COLOUR video modules, with the capability of automatic switching to monochrome operation when the scene light conditions are not adequate for good-quality colour pictures
- Camera orientation adjustment of 12° in all directions
- Anti-mist heater
- Unbreakable poly-carbonate camera dome
- Rotation possibility of the module to facilitate cables connection
- Rising-clamp terminal block
- To be used together with "1+n" audio module

Video modules are available in two models:
- **AV0060** with monochrome camera
- **AV0078** with COLOUR camera
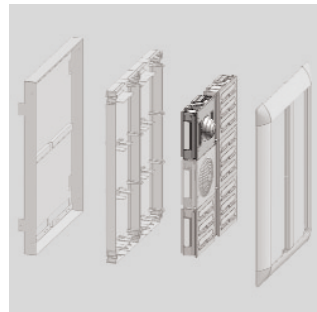
The video modules have provisions for hosting the audio group microphone, so as to minimise the Larsen effect while allowing an increase of speech volumes in noisy areas.

The transparent poly-carbonate camera cupola can bear easily heavier stress than **50Kg***

***Force to be applied perpendicularly to dome only**
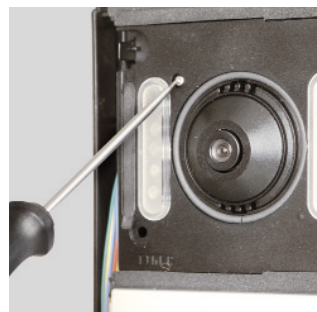
At the time of installation, the camera can be manually oriented 12° in all directions so as to compensate small errors of panel positioning.

Code	Description
AV0060	GVM3000 monochrome video module
AV0078	GVCM3000 COLOUR video module with "DAY&NIGHT" camera technology

Standard Systems
Special Edition Series

The elegant design of the new DOMULAR 3000 panels can be further enhanced and customised by choosing the individual modules within two special-edition ranges, and combining them together according to personal taste or to the requirements dictated by the architecture of the buildings.

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Standard Systems
DOMULAR 3000
"GOLDEN" Series

The distinctive feature of this prestigious edition is the **"ANTIQUE GOLD"** colour of frames and module front panels, which underline the importance of the building with a note of exclusive elegance. To achieve such a special result, frames and front panels are subject to a careful painting process with metallic paint.
Instead, the call buttons receive a superb gilded finish by way of a dipping process in actual gold bath.
For ordering special edition items, add the /GD suffix to the code of the corresponding standard components (e.g. **AV 0060/GD**, **AV 0045/02GD**). Then check the current price list for the relevant price.
All **"GOLDEN"** Series articles are always supplied complete with their electronics; module front panels only: not available.

Audio Panel - Golden Series

The **"INOX"** range includes all DOMULAR 3000 standard modules but with their front panels made of sturdy stainless steel. Vandal-resistant sturdiness is the factor characterising this edition, together with a look of distinctive appeal.

For ordering special edition items, add the /IX suffix to the code of the corresponding standard components (e.g. **AV 0060/IX**, **AV 0045/02IX**). Then check the current price list for the relevant price.

All **"INOX"** Series articles are always supplied complete with their electronics; module front panels only: are not available.

KCA and KCI Panel Frames

AV 0029 (KCA 3000) frames for surface-mount panels and **AV 0037** (KCI 3000) for embedded panels can be requested in either "GOLDEN" version – specified by the /GD suffix – or with a silver-grey micaceous paint finish which is identified by a /MS suffix.

Aesthetic solutions possible by combining panels and frames of different series are left to personal preference and in accordance to buildings styles.

NOTE:

For correct pricing, please refer to individual items and versions in the current price list.

Audio Panel with INOX front and micaceous silver-grey frame

Standard Systems
Examples of most common panel compositions

The following pages serve as a convenient summary of all the necessary articles for different visitor panel configurations of both audio and video doorphone systems. Obviously, it is always possible to obtain panels for the same number of users also with different combinations.

Standard Systems
Examples of most common panel compositions
DOORPHONE

<table>
<tr><td colspan="13" align="center">"1+n" Doorphone Panels</td></tr>
<tr><td colspan="13">IMPORTANT: The corresponding "4+n" versions can be readily obtained simply by replacing the AV 0052/02 module with one AV 0052/05 audio module in each composition below.</td></tr>
<tr>
<td rowspan="2">SURFACE-MOUNTED</td>
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<td colspan="2" align="center">1/2 Users Audio System</td>
<td colspan="2" align="center">2/4 Users Audio System</td>
<td colspan="2" align="center">3/6 Users Audio System</td>
<td colspan="2" align="center">4/8 Users Audio System</td>
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<tr>
<td>★</td><td>●</td><td>"1+n" Audio Module</td>
<td colspan="2">AV0052/02 "1+n" ....1</td>
<td colspan="2">AV0052/02 "1+n" ....1</td>
<td colspan="2">AV0052/02 "1+n" ....1</td>
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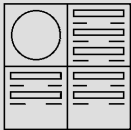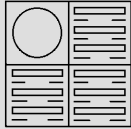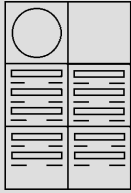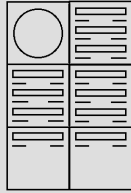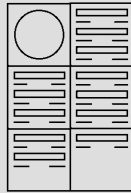<td colspan="2"></td>
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AV0045/04 2
AV0045/00 ....1</td>
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AV0045/02 ....2</td>
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AV0045/04 1
AV0045/02 ....1</td>
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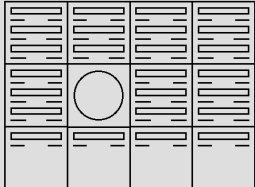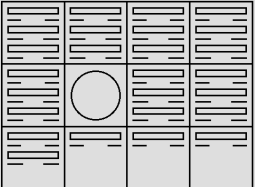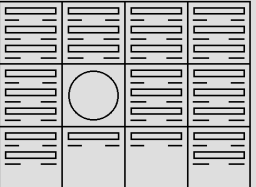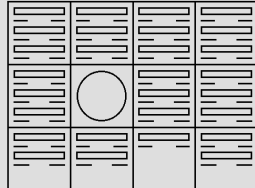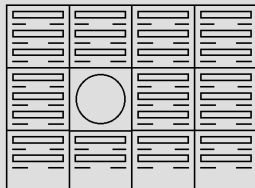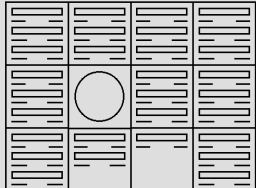
			"1+n" Doorphone Panels (continues)			
			IMPORTANT: The corresponding "4+n" versions can be readily obtained simply by replacing the **AV 0052/02** module with one **AV 0052/05** audio module in each composition below.			

SURFACE-MOUNTED	EMBEDDED		26 Users Audio System	28 Users Audio System	30 Users Audio System	32 Users Audio System
★	●	"1+n" Audio Module	AV0052/02 "1+n".........1	AV0052/02 "1+n" 1	AV0052/02 "1+n".........1	AV0052/02 "1+n" 1
★	●	Wall-Mount Support	AV0011/03 2	AV0011/03 2	AV0011/03 2	AV0011/03 3
★	●	Call-Button Modules	AV0045/06 3	AV0045/06 4	AV0045/06 5	AV0045/06 5
			AV0045/04 2	AV0045/04 1		AV0045/02 1
						AV0045/00 2
★		Surface-mount frame	AV0029/23 1	AV0029/23 1	AV0029/23 1	AV0029/33 1
	●	Embedd. panels frame	AV0037/23 1	AV0037/23 1	AV0037/23 1	AV0037/33 1
	●	Embedding Box	AV0003/23 1	AV0003/23 1	AV0003/23 1	AV0003/33 1

SURFACE-MOUNTED	EMBEDDED		34 Users Audio System	36 Users Audio System	38 Users Audio System	40 Users Audio System
★	●	"1+n" Audio Module	AV0052/02 "1+n".........1	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1
★	●	Wall-Mount Support	AV0011/03 3	AV0011/03 3	AV0011/03 3	AV0011/03 3
★	●	Call-Button Modules	AV0045/06 5	AV0045/06 6	AV0045/06 5	AV0045/06 5
			AV0045/02 2	AV0045/00 2	AV0045/04 2	AV0045/04 2
			AV0045/00 1		AV0045/00 1	AV0045/02 1
★		Surface-mount frame	AV0029/33 1	AV0029/33 1	AV0029/33 1	AV0029/33 1
	●	Embedd. panels frame	AV0037/33 1	AV0037/33 1	AV0037/33 1	AV0037/33 1
	●	Embedding Box	AV0003/33 1	AV0003/33 1	AV0003/33 1	AV0003/33 1

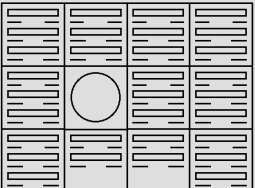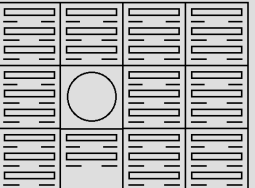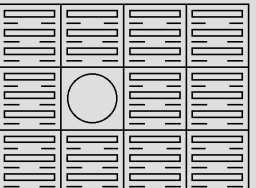| SURFACE-MOUNTED	EMBEDDED		42 Users Audio System	44 Users Audio System	46 Users Audio System	48 Users Audio System
★	●	"1+n" Audio Module	AV0052/02 "1+n".........1	AV0052/02 "1+n" 1	AV0052/02 "1+n".........1	AV0052/02 "1+n" 1
★	●	Wall-Mount Support	AV0011/03 3	AV0011/03 3	AV0011/03 3	AV0011/03 3
★	●	Call-Button Modules	AV0045/06 5	AV0045/06 7	AV0045/06 7	AV0045/06 8
			AV0045/04 3	AV0045/02 1	AV0045/04 1	
★		Surface-mount frame	AV0029/33 1	AV0029/33 1	AV0029/33 1	AV0029/33 1
	●	Embedd. panels frame	AV0037/33 1	AV0037/33 1	AV0037/33 1	AV0037/33 1
	●	Embedding Box	AV0003/33 1	AV0003/33 1	AV0003/33 1	AV0003/33 1

<table>
<tr><th colspan="12" align="center">"1+n" Doorphone Panels (continues)</th></tr>
</table>

IMPORTANT: The corresponding "4+*n*" versions can be readily obtained simply by replacing the **AV 0052/02** module with one **AV 0052/05** audio module in each composition below.

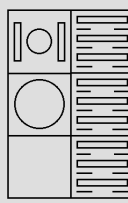| SURFACE-MOUNTED	EMBEDDED		50 Users Audio System	52 Users Audio System	54 Users Audio System
★	●	"1+*n*" Audio Module	AV0052/02 "1+*n*" 1	AV0052/02 "1+*n*" 1	AV0052/02 "1+*n*".........................1
★	●	Wall-Mount Support	AV0011/03.................................4	AV0011/03.................................4	AV0011/03.................................4
★	●	Call-Button Modules	AV0045/06 ....7 AV0045/02 4	AV0045/06 ....7 AV0045/04 ....1 AV0045/02 3	AV0045/06 ....7 AV0045/04 ....2 AV0045/02 2
★		Surface-mount frame	AV0029/43 1	AV0029/43 1	AV0029/43 1
	●	Embedd. panels frame	AV0037/43 1	AV0037/43 1	AV0037/43 1
	●	Embedding Box	AV0003/43 1	AV0003/43 1	AV0003/43 1
SURFACE-MOUNTED	EMBEDDED		56 Users Audio System	58 Users Audio System	60 Users Audio System
★	●	"1+*n*" Audio Module	AV0052/02 "1+*n*" 1	AV0052/02 "1+*n*" 1	AV0052/02 "1+*n*".........................1
★	●	Wall-Mount Support	AV0011/03.................................4	AV0011/03.................................4	AV0011/03.................................4
★	●	Call-Button Modules	AV0045/06 ....7 AV0045/04 ....3 AV0045/02 1	AV0045/06 ....7 AV0045/04 4	AV0045/06 ....9 AV0045/04 ....1 AV0045/02 1
★		Surface-mount frame	AV0029/43 1	AV0029/43 1	AV0029/43 1
	●	Embedd. panels frame	AV0037/43 1	AV0037/43 1	AV0037/43 1
	●	Embedding Box	AV0003/43 1	AV0003/43 1	AV0003/43 1
SURFACE-MOUNTED	EMBEDDED		62 Users Audio System	64 Users Audio System	66 Users Audio System
★	●	"1+*n*" Audio Module	AV0052/02 "1+*n*" 1	AV0052/02 "1+*n*" 1	AV0052/02 "1+*n*".........................1
★	●	Wall-Mount Support	AV0011/03.................................4	AV0011/03.................................4	AV0011/03.................................4
★	●	Call-Button Modules	AV0045/06 ....9 AV0045/04 2	AV0045/06 ....10 AV0045/04 1	AV0045/06 11
★		Surface-mount frame	AV0029/43 1	AV0029/43 1	AV0029/43 1
	●	Embedd. panels frame	AV0037/43 1	AV0037/43 1	AV0037/43 1
	●	Embedding Box	AV0003/43 1	AV0003/43 1	AV0003/43 1

Standard Systems
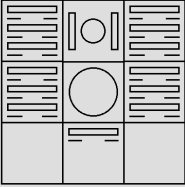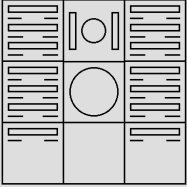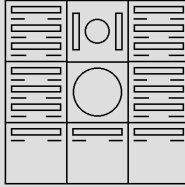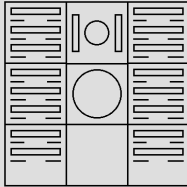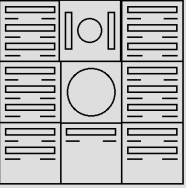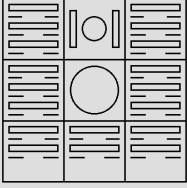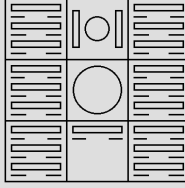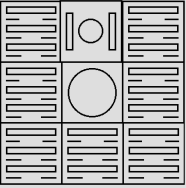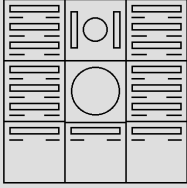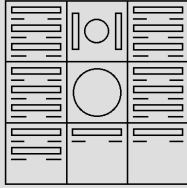
Examples of most common panel compositions
VIDEO DOORPHONE

Monochrome Video Doorphone Panels			
IMPORTANT: COLOUR solutions can be readily obtained simply by using the **AV 0078** colour camera module instead of the **AV0060** listed in the chart.			

SURFACE-MOUNTED	EMBEDDED		1/2 Users Video System	2/4 Users Video System	3/6 Users Video System	4/8 Users Video Syste
★	●	"1+n" Audio Module	AV0052/02 "1+n"........1	AV0052/02 "1+n" 1	AV0052/02 "1+n".........1	AV0052/02 "1+n" 1
★	●	B/W Video Module	AV0060......................1	AV0060 1	AV0060........................1	AV0060 1
★	●	Wall-Mount Support	AV0011/03 1	AV0011/03 1	AV0011/03 1	AV0011/02 2
★	●	Call-Button Modules	AV0045/02 1	AV0045/04 1	AV0045/06 1	AV0045/06 1
						AV0045/02 1
★		Surface-mount frame	AV0029/13 1	AV0029/13 1	AV0029/13 1	AV0029/2 1
	●	Embedd. panels frame	AV0037/13 1	AV0037/13 1	AV0037/13 1	AV0037/22 1
	●	Embedding Box	AV0003/13 1	AV0003/13 1	AV0003/13 1	AV0003/22 1

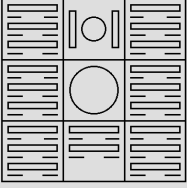| SURFACE-MOUNTED	EMBEDDED		5/10 Users Video System	6/12 Users Video System	14 Users Video System	16 Users Video System
★	●	"1+n" Audio Module	AV0052/02 "1+n".........1	AV0052/02 "1+n" 1	AV0052/02 "1+n".........1	AV0052/02 "1+n" 1
★	●	B/W Video Module	AV0060......................1	AV0060 1	AV0060........................1	AV0060 1
★	●	Wall-Mount Support	AV0011/02 2	AV0011/02 2	AV0011/03 2	AV0011/03 2
★	●	Call-Button Modules	AV0045/06 1	AV0045/06 2	AV0045/06 1	AV0045/06 2
			AV0045/04 1		AV0045/04 2	AV0045/04 1
					AV0045/00 1	
★		Surface-mount frame	AV0029/22 1	AV0029/22 1	AV0029/23 1	AV0029/23 1
	●	Embedd. panels frame	AV0037/22 1	AV0037/22 1	AV0037/23 1	AV0037/23 1
	●	Embedding Box	AV0003/22 1	AV0003/22 1	AV0003/23 1	AV0003/23 1

SURFACE-MOUNTED	EMBEDDED		18 Users Video System	20 Users Video System	22 Users Video System	24 Users Video System
★	●	"1+n" Audio Module	AV0052/02 "1+n".........1	AV0052/02 "1+n" 1	AV0052/02 "1+n".........1	AV0052/02 "1+n" 1
★	●	B/W Video Module	AV0060......................1	AV0060 1	AV0060........................1	AV0060 1
★	●	Wall-Mount Support	AV0011/03 2	AV0011/03 2	AV0011/03 2	AV0011/03 2
★	●	Call-Button Modules	AV0045/06 3	AV0045/06 2	AV0045/06 3	AV0045/06 4
				AV0045/04 2	AV0045/04 1	
★		Surface-mount frame	AV0029/23 1	AV0029/23 1	AV0029/23 1	AV0029/23 1
	●	Embedd. panels frame	AV0037/23 1	AV0037/23 1	AV0037/23 1	AV0037/23 1
	●	Embedding Box	AV0003/23 1	AV0003/23 1	AV0003/23 1	AV0003/23 1

Monochrome Video Doorphone Panels (continues)

IMPORTANT: COLOUR solutions can be readily obtained simply by using the **AV 0078** colour camera module instead of the **AV0060** listed in the chart.

SURFACE-MOUNTED	EMBEDDED		26 Users Video System	28 Users Video System	30 Users Video System	32 Users Video System
★	●	"1+n" Audio Module	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1
★	●	B/W Video Module	AV0060 1	AV0060 1	AV0060 1	AV0060 1
★	●	Wall-Mount Support	AV0011/03 3	AV0011/03 3	AV0011/03 3	AV0011/03 3
★	●	Call-Button Modules	AV0045/06 4	AV0045/06 4	AV0045/06 4	AV0045/06 4
			AV0045/02 1	AV0045/02 2	AV0045/02 3	AV0045/04 2
			AV0045/00 2	AV0045/00 1		AV0045/00 1
★		Surface-mount frame	AV0029/33 1	AV0029/33 1	AV0029/33 1	AV0029/33 1
	●	Embedd. panels frame	AV0037/33 1	AV0037/33 1	AV0037/33 1	AV0037/33 1
	●	Embedding Box	AV0003/33 1	AV0003/33 1	AV0003/33 1	AV0003/33 1

SURFACE-MOUNTED	EMBEDDED		34 Users Video System	36 Users Video System	38 Users Video System	40 Users Video System
★	●	"1+n" Audio Module	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1
★	●	B/W Video Module	AV0060 1	AV0060 1	AV0060 1	AV0060 1
★	●	Wall-Mount Support	AV0011/03 3	AV0011/03 3	AV0011/03 3	AV0011/03 3
★	●	Call-Button Modules	AV0045/06 4	AV0045/06 4	AV0045/06 6	AV0045/06 6
			AV0045/04 2	AV0045/04 3	AV0045/02 1	AV0045/04 1
			AV0045/02 1			
★		Surface-mount frame	AV0029/33 1	AV0029/33 1	AV0029/33 1	AV0029/33 1
	●	Embedd. panels frame	AV0037/33 1	AV0037/33 1	AV0037/33 1	AV0037/33 1
	●	Embedding Box	AV0003/33 1	AV0003/33 1	AV0003/33 1	AV0003/33 1

SURFACE-MOUNTED	EMBEDDED		42 Users Video System	44 Users Video System	46 Users Video System	
★	●	"1+n" Audio Module	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1	
★	●	B/W Video Module	AV0060 1	AV0060 1	AV0060 1	
★	●	Wall-Mount Support	AV0011/03 3	AV0011/03 4	AV0011/03 4	
★	●	Call-Button Modules	AV0045/06 7	AV0045/06 6	AV0045/06 6	
				AV0045/02 4	AV0045/04 1	
					AV0045/02 3	
★		Surface-mount frame	AV0029/33 1	AV0029/43 1	AV0029/43 1	
	●	Embedd. panels frame	AV0037/33 1	AV0037/43 1	AV0037/43 1	
	●	Embedding Box	AV0003/33 1	AV0003/43 1	AV0003/43 1	

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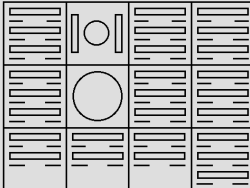# Standard Systems

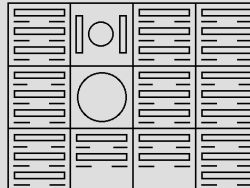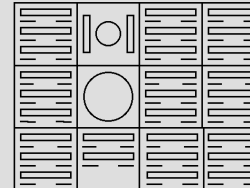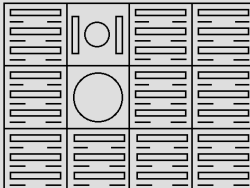## Examples of most common panel compositions
VIDEO DOORPHONE

Monochrome Video Doorphone Panels (continues)

IMPORTANT: COLOUR solutions can be readily obtained simply by using the **AV 0078** colour camera module instead of the **AV0060** listed in the chart.

SURFACE-MOUNTED	EMBEDDED		48 Users Video System	50 Users Video System	52 Users Video System
★	●	"1+n" Audio Module	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1
★	●	B/W Video Module	AV0060.........................1	AV0060.........................1	AV0060.........................1
★	●	Wall-Mount Support	AV0011/03 4	AV0011/03 4	AV0011/03 4
★	●	Call-Button Modules	AV0045/06 6	AV0045/06 6	AV0045/06 6
			AV0045/04 2	AV0045/04 3	AV0045/04 4
			AV0045/02 2	AV0045/02 1	
★		Surface-mount frame	AV0029/43...................................1	AV0029/43...................................1	AV0029/43...................................1
	●	Embedd. panels frame	AV0037/43...................................1	AV0037/43...................................1	AV0037/43...................................1
	●	Embedding Box	AV0003/43...................................1	AV0003/43...................................1	AV0003/43...................................1
SURFACE-MOUNTED	EMBEDDED		54 Users Video System	56 Users Video System	58 Users Video System
★	●	"1+n" Audio Module	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1	AV0052/02 "1+n" 1
★	●	B/W Video Module	AV0060.........................1	AV0060.........................1	AV0060.........................1
★	●	Wall-Mount Support	AV0011/03 4	AV0011/03 4	AV0011/03 4
★	●	Call-Button Modules	AV0045/06 7	AV0045/06 8	AV0045/06 9
			AV0045/04 3	AV0045/04 2	AV0045/04 1
★		Surface-mount frame	AV0029/43...................................1	AV0029/43...................................1	AV0029/43...................................1
	●	Embedd. panels frame	AV0037/43...................................1	AV0037/43...................................1	AV0037/43...................................1
	●	Embedding Box	AV0003/43...................................1	AV0003/43...................................1	AV0003/43...................................1
SURFACE-MOUNTED	EMBEDDED		60 Users Video System		
★	●	"1+n" Audio Module	AV0052/02 "1+n" 1		
★	●	B/W Video Module	AV0060.........................1		
★	●	Wall-Mount Support	AV0011/03 4		
★	●	Call-Button Modules	AV0045/06 10		
★		Surface-mount frame	AV0029/43...................................1		
	●	Embedd. panels frame	AV0037/43...................................1		
	●	Embedding Box	AV0003/43...................................1		

Terms and Conditions of Sales

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Terms and Conditions of Sales

General Clause

1. No contract may be deemed concluded with us other than on the basis of these General conditions of Sale and Delivery, any other term or condition being void unless specifically agreed in writing. This applies also in case of deliveries made without separate provision or expressed reserves from our side. Terms and Conditions of the Buyer apply only in as far as they have been expressly agreed by us, for which the Buyer is responsible for providing evidence.

2. Our General Conditions of Sale and Delivery apply also to future transactions with the Buyer, even where no specific reference is made by us as to the applicability of our General Conditions of Sale and Delivery.

II: Prices

1. All prices are net ex-works for standard products and packaging. They specifically exclude special packaging requirements, VAT and all other applicable taxes, certification charges and any other additional expense, unless otherwise agreed in writing.

2. Our prices for custom-made items are not binding. Should material costs, labour or overheads increase within two months between conclusion of the contract and delivery, Bitron Video shall be entitled to increase the price accordingly.

Payment terms

1. Our invoices are payable in strict compliance with the terms specified therein.

2. The Buyer is not entitled to withhold payments except where a cleanly justified formal complaint comes into existence before the due date of the relevant invoice. Payment offsetting by the Buyer is admissible only in the event of counterclaims which are undisputed or established by way of a legal process.

3. We are entitled to demand advance payment or the provision of a security where circumstances come to our knowledge which place the creditworthiness of the Buyer (or of his Country) in doubt, excepting cases where such circumstances were recognisable at the time of conclusion of the contract. Should the Buyer fail to honour any payment obligation despite the granting of a reasonable period of grace, we are entitled to withdraw from the contract and to withhold future deliveries.

Delivery

1. Partial deliveries are admissible, provided they do not constitute an reasonable inconvenience to the Buyer.

2. The place of fulfilment is Pianezza (TO). Risk passes – also in the event of deliveries free of freight charges – on to the Buyer on dispatch or collection of the goods. On request and at Buyer's cost, we will insure deliveries against the normal transport risks. Should dispatch or collection be delayed for reasons for which the Buyer is responsible, or should the Buyer delay goods acceptance for any other reason, all ensuing risks and relevant expenses shall be to the Buyer's account.

Export sales

1. As we supply technically sophisticated goods which rely upon adequate explanation and support, the Buyer is obliged to sell the goods exclusively to specialised outlets and installers.

2. Our products are sold world-wide through a sales network of authorised, independent distributors at national level. The Buyer is generally prohibited from promoting sales outside his assigned territory and to other Countries without our express permission in writing.

3. Every case of deliberate infringement of the restrictions outlined under points 1 and 2 above shall entitle us to demand indemnity, compensation or penalty – depending on circumstances - to be offset against any claims for damages filed by any rightful third party.

Delivery term, delays

1. The delivery period for our standard products is six weeks. For custom-made articles delivery dates shall be stated on the relevant order confirmation. In the event of force majeur, e.g. wars, industrial disputes, transportation breakdowns or sub-suppliers' delays or other disruptions for which we are not responsible, we are entitled – even in the event of a firmly agreed delivery deadline – to delay delivery by a reasonable period of time until the disturbance is resolved. Should the Buyer be in a position to prove unreasonable hardship as a result of our inability to perform, the Buyer is entitled to serve extraordinary notice of termination or withdrawal by registered mail. Further-reaching claims on the part of the Buyer, such as claims for damages or procurement of a replacement, are excluded in cased of force majeur. Should a disruption for which we are not responsible last longer than eight weeks, we shall be released from our obligation to perform without any obligation to compensate the Buyer.

2. In case of delay in the acceptance of ordered standard goods, we are entitled to invoice the Buyer warehousing costs of 0.5% of the purchase price for each started month, but of no more than 5% overall, without prejudice to the right of either party to provide evidence of higher or lower warehousing cost. With reference to goods of custom design, demurrage costs shall be defined each time in accordance to specific situation and circumstances.

Terms and Conditions of Sales

Warranty

1. Bitron Video's warranty policy conforms to the Directive 1999/44/EC of the European Parliament and of the Council of 25 May 1999 Official Journal L 171 , 07/07/1999 P. 0012 – 0016.
2. No warranty cover shall be afforded for insignificant defects. Unauthorised modifications, repairs, unskilled installation, or the consequences of such actions by the Buyer or by any third party shall not be covered by the warranty.
3. The Buyer shall provide written notice of any evident damage immediately, but within 14 days at the latest. Hidden damage shall be reported in writing within 14 days of its discovery, at the latest.
4. Claims on the part of the Buyer for expenses incurred in remedying a defect – namely transportation, travelling and material costs - are excluded in the event they are increased due to the transfer of the delivered object to a location other than the Buyer's place of business.
5. Any modifications or repairs performed unlawfully by the Buyer or by any third party without our prior permission shall void any liability on our part for consequential damages.

Acceptance of return deliveries

1. No return is accepted without our prior written agreement at our discretion and only in view of exceptional and well-documented circumstances.
2. For goods duly returned with our agreement, credit notes are issued with a deduction of 20% of the relevant net invoiced amount to cover administration inspection and repackaging costs. No credit notes shall be issued for damaged or otherwise not-resaleable goods. No return deliveries can be accepted of custom-made items nor of standard products which are no longer in regular production.
3. Likewise, should an order of customised items be cancelled, the Buyer shall be liable for payment of the full agreed amount less any expenses saved by us as a result of such order cancellation.

Reservation of title

1. The supplied goods shall remain our property until all our claims arising from the business association with the Buyer have been met in full. The Buyer is entitled to sell or process/integrate the reserved goods in the regular course of business. In the event of a deterioration in the financial circumstances of the Buyer, we shall be entitled to prohibit the sale/processing or integration of the reserved goods. Resale of such goods is possible only provided the reseller either receives full payment from his customers or the same title reservation provisions are imposed by the reseller to his customer.
2. The Buyer shall inform us without delay in the event of a discontinuation of payments, material deterioration in his financial circumstances or the attachment of property.
3. The Buyer shall hold the reserved goods in safekeeping on our behalf at no charge. He shall provide adequate insurance cover the reserved goods against customary risks such as fire, theft, water and transportation damage. He assigns any claims for insured or third party damages to us to the full extent of the invoice value of the goods.

Disputes and applicable law

1. The legal venue for all direct or indirect disputes arising from the contractual relationship shall be Torino, Italy. However, we reserve the right to bring a legal action also to Buyer's place of business.
2. All contractual relationship is subject to the Italian law.

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