



# MATIBUS<sub>SE</sub>

Digital audio/video door phone system





MATIBUS SE is a digital house phone and video house phone system, with a number of innovative solutions used. It can be installed in any type of residential and service-providing buildings. Its wide functionality and practically unlimited possibilities of system expansion make MATIBUS SE meet the requirements of the most demanding customers.

Basic features of MATIBUS SE include:

- Practically unlimited number of users (max. 9999)
- Practically unlimited number of entrances
- Possibility of creating systems with main and secondary entrances
- 2 wires risers
- Secrecy of conversations
- Professional, digital switchboard
- Modern design of system devices (call modules, house phones and videomonitors)

#### DIGITAL CALL MODULES IN MATIBUS SE SYSTEM

Call modules in MATIBUS SE system are available in audio and video versions. They are made of the high quality stainless steel and anodized aluminum. All call modules can be surface and flush mounted.

#### Basic functions of digital call modules

- Calling user by entering the assigned call code on the call module keyboard
- Opening the door or automatic gate by entering programmed code on the call module keyboard or by using tactile DALLAS key
- Triggering relay output (NO-C-NC) by entering the programmed code on the call module keyboard or by using tactile DALLAS key
- Door / gate opening indication in the apartment in case of using door opening code or DALLAS key
- Door not closed indication in the apartment
- Additional door opening button support

#### Basic parameters programmed in call module

- Call signal duration time
- Door lock activation time
- Relay output (NO-C-NC) activation time
- Maximum time of conversation
- Users' call codes (range 1...9999)
- 64 general door opening codes
- Individual door opening codes (assigned to particular users of the system)



Ref. 1052/15D

### STAINLESS STEEL DIGITAL CALL MODULES - VANDAL RESISTANT VERSION

High quality stainless steel panels are resistant to both acts of vandalism and various weather conditions. Their design is based on well known MIWUS line. Numeric keyboard used is made of solid steel and has LED backlight. Call module is equipped with 4 digit LED display. The modules are characterized by the very compact size and having the depth of only 23 mm, they look very aesthetic even if surface mounted. They can be flush mounted, using the optional embedding frames.



Ref. 1052/10D



Ref. 1052/16D

### Types of stainless steel vandal resistant panels with numeric keyboard and LED display

Ref.

- 1052/10 - Basic version
- 1052/10D - Basic version, with hood
- 1052/11 - Version with additional information module
- 1052/11D - Version with additional information module and hood
- 1052/15 - Version with DALLAS keys reader
- 1052/15D - Version with DALLAS keys reader and hood
- 1052/16 - Version with DALLAS keys reader and additional information module
- 1052/16D - Version with DALLAS keys reader, additional information module and hood
- 1752/11D - Version with B/W camera, additional information module and hood
- 1752/16D - Version with B/W camera, DALLAS keys reader additional information module and hood



Ref. 1052/11D



Ref. 1752/16D

### Accessories

Ref.

- 525/RP2 - Embedding frame for flush mount for 1052/10, ...10D, ...15, ...15D
- 525/RP3 - Embedding frame for flush mount for 1052/11, ...11D, ...16, ...16D



Ref. 1752/11D

### ANODIZED ALUMINUM DIGITAL CALL MODULES - SINTHESI LINE

High quality anodized aluminum panels offers unique Italian design, at the same time being well protected against various weather conditions. House phone version is easily upgradeable to video version by adding camera module.

Basic call module in SINTHESI design is equipped with numeric keyboard with backlight and 4 digit LED display. The way of mounting the call module is determined by the embedding box used, available both for both flush and surface mounting.

Functionality of SINTHESI line digital call modules is the same as in stainless steel models.



Ref. 1052/13+1745/70

### SINTHESI digital call modules elements

Ref.

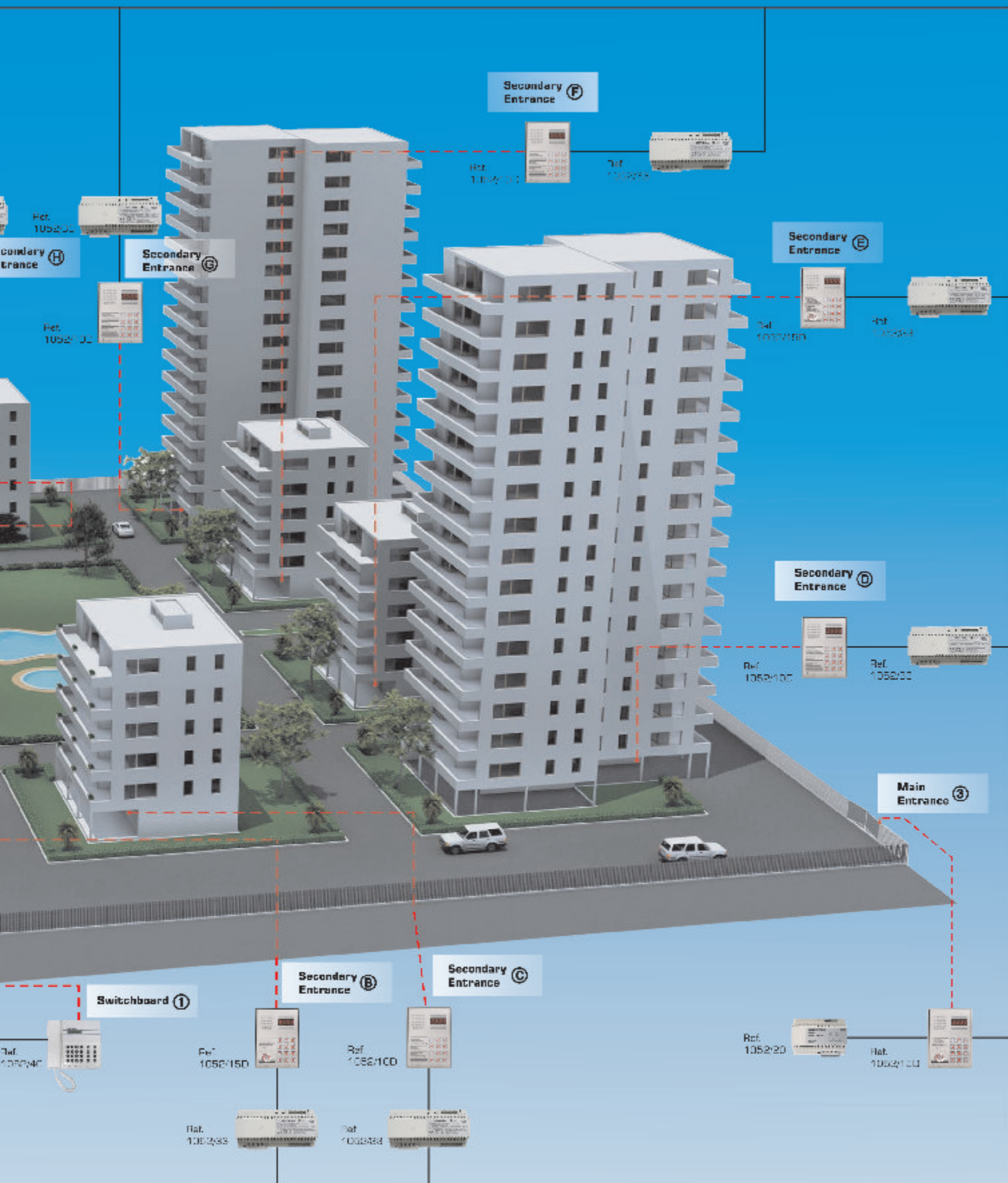
- 1052/13 - Module with the numeric keyboard and LED display (2 modules size)
- 1745/70 - B/W camera module
- 1745/40 - Color camera module
- 1145/52 - 2 modules flush mount embedding box
- 1145/53 - 3 modules flush mount embedding box
- 1145/62 - 2 modules embedding frame
- 1145/63 - 3 modules embedding frame



Ref. 1052/13



Block diagram of the expanded M



**HOUSE PHONES AND VIDEO MONITORS USED IN MATIBUS SE SYSTEM**

All house phones and video monitors are made of high quality ABS plastic. There is a choice of units available, allowing all users to select a receiver meeting their requirements. All house phones provide the capability to speak and open the door. Video monitors allow to watch the person staying at the door, in front of the call module.

MATIBUS SE system can be equipped in the professional digital concierge switchboard ref. 1052/40. Its main purpose is providing bi-directional communication between the users and concierge room.

**Basic functions of the switchboard**

- Calling any house phone or video monitor
- Answering call from any house phone or video monitor
- Answering calls from any call module
- Day/Night working modes
- Loudspeaking mode
- Electronic list of users (scrolled on LCD display)
- Unanswered calls memory
- Date and time display

**House phones in MATIBUS SE system**

House phones are available in 1131 and 1132 SCAITEL design. Basic versions are equipped with the door opening button. In buildings where apart from opening the entrance doors there is a necessity of opening the automated gate, it is necessary to install the house phones with additional function button. Additional buttons are also required in systems with switchboard.

**Types of house phones**

- Ref.
- 1131/520 - House phone with door opening button
  - 1131/521 - House phone with door opening button and additional function button
  - 1132/520 - House phone with door opening button
  - 1132/521 - House phone with door opening button and additional function button



Ref. 1131/520



Ref. 1132/520



Ref. 1152/40



Ref. 1702/42



Ref. 1702/41



Ref. 1855/11A

### VIDEO MONITORS IN MATIBUS SE SYSTEM

Video house phone system MATIBUS SE is offered in B/W and color versions. Two lines of monitors are available: **WINFLAT/WINSPOT** (1202/1855) and **ATLANTICO** (1702).

All video monitors, along with the standard door opening button, are equipped with 2 additional function buttons, that can be used to operate the automated gate, call concierge switchboard or trigger the video preview from the entrance call module camera. Each monitor has brightness and contrast adjustment.

### Types of video monitors

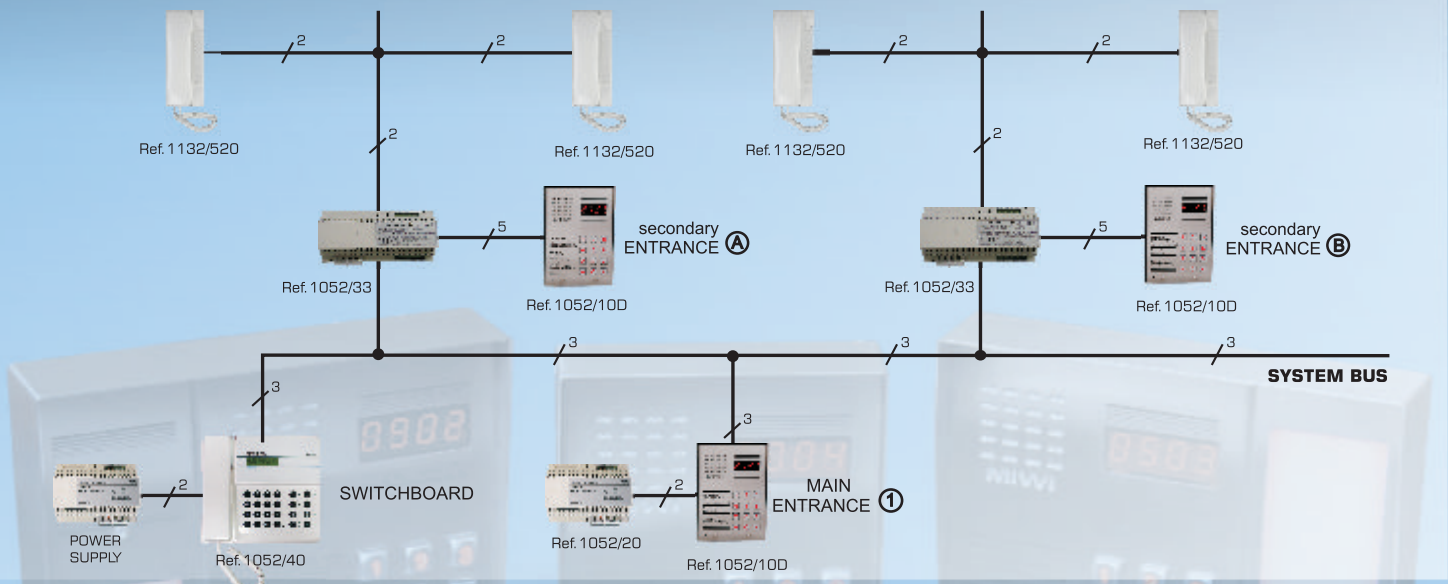
- Ref.
- 1202/1A - B/W WINFLAT video monitor, white
  - 1855/11A - Color WINSPOT monitor, white
  - 1702/1 - B/W ATLANTICO monitor, white
  - 1702/41 - B/W ATLANTICO monitor, black
  - 1702/42 - B/W ATLANTICO monitor, silver
  - 1702/40 - Color ATLANTICO monitor, white

### Accessories

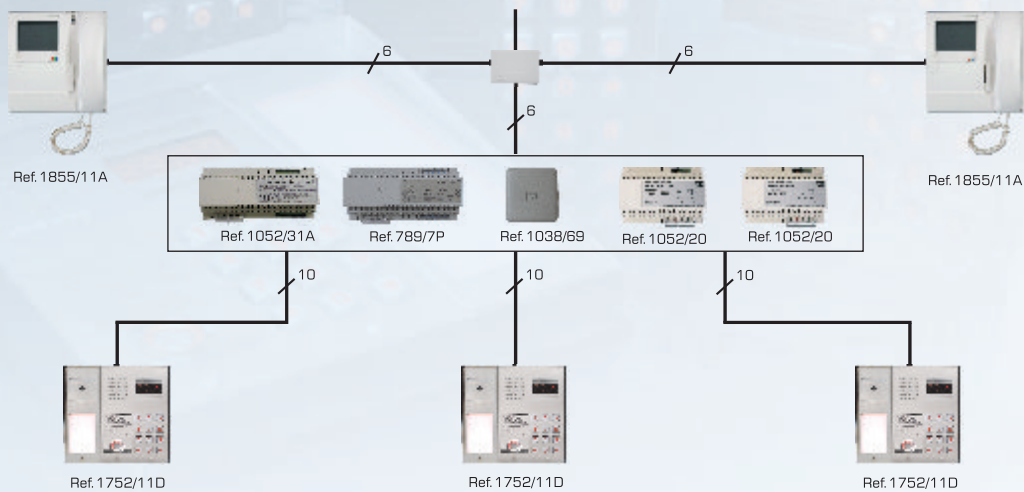
- Ref.
- 1202/952 - Bracket for video monitors ref. 1202/1A, 1855/11A, 1702/1..40..41..42
  - 1702/92 - Desk mount adaptor for ATLANTICO monitors









## BLOCK DIAGRAM OF THE HOUSE PHONE SYSTEM WITH MAIN ENTRANCE, SECONDARY ENTRANCES AND SWITCHBOARD



## BLOCK DIAGRAM OF THE VIDEO HOUSE PHONE SYSTEM WITH 3 MAIN ENTRANCES



	Ref. 1052/20	<b>Additional power supply</b> Supplying power to additional call modules in multi-entrance systems. Dimensions: 126 x 90 x 75 mm (7 DIN)
	Ref. 1052/31A	<b>Master system power supply</b> Dedicated for systems with 1 or more main entrances. In case of using more than one call module in a system, each call module in a system (apart from the first one) requires using additional power supply ref. 1052/20 Dimensions: 180x97x75mm (10 DIN modules)
	Ref. 1052/33	<b>Master/Slave system power supply</b> Dedicated for systems with main and secondary entrances. Allows connecting the additional call module and system bus.
	Ref. 1794/4SID	<b>Video signal distributor</b> Dedicated for systems with coax cable Dimensions: 95x64x28mm
	Ref. 955/40	<b>Video signal distributor</b> Dedicated for systems without coax cable Dimensions: 95x64x28mm
	Ref. 1742/13A	<b>Video signal converter</b> COAX to UTP video signal converter. Can be installed in SINTHESI camera modules.