Art. 8833 Speaker & Camera unit

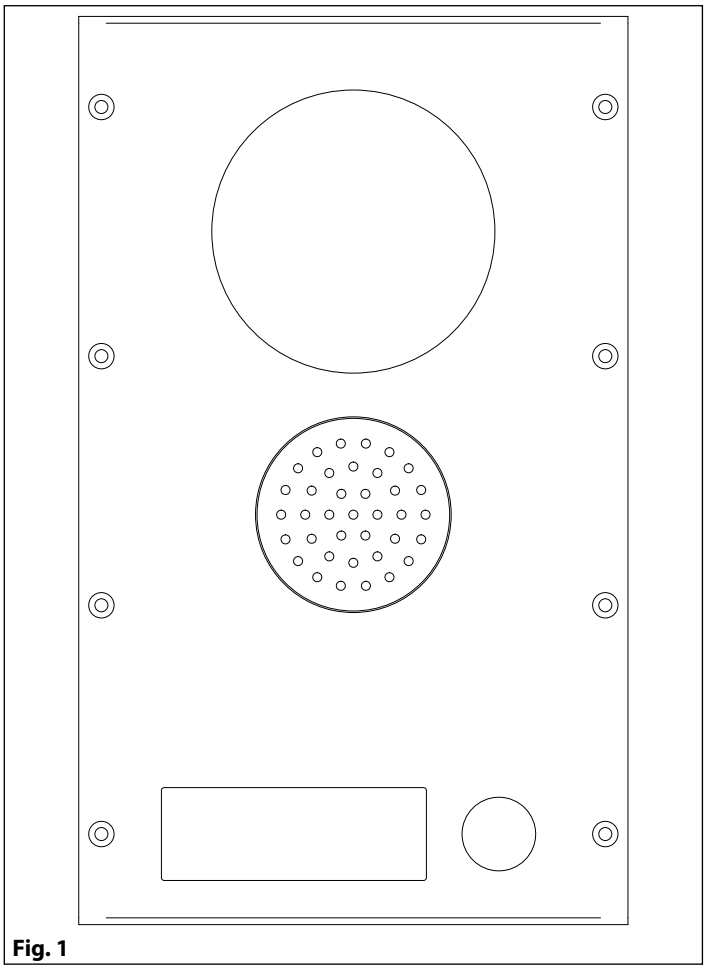


Fig. 1

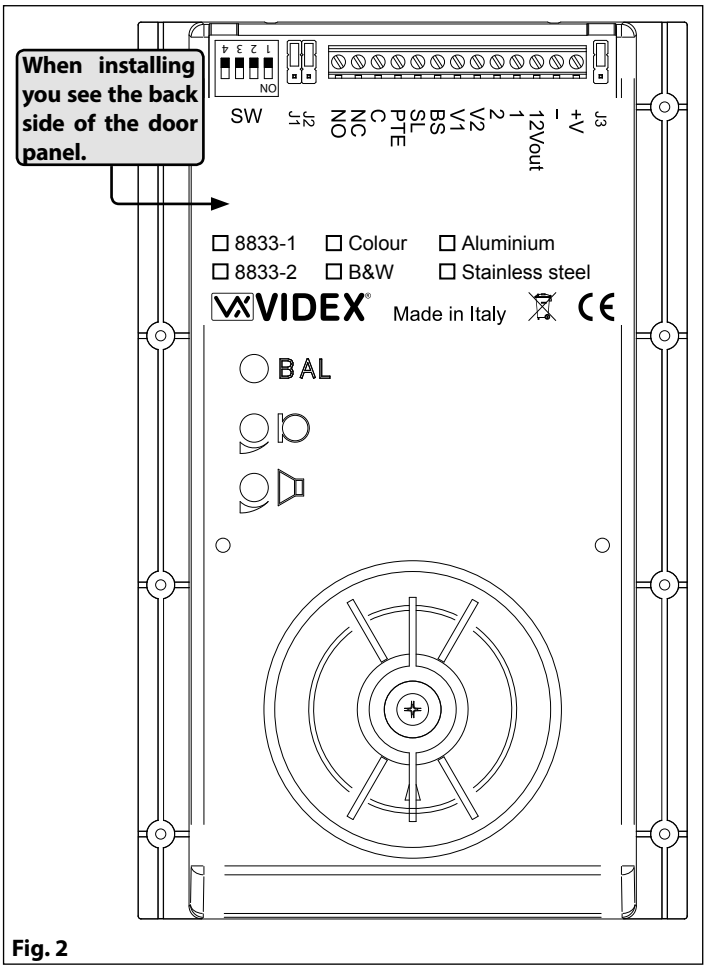


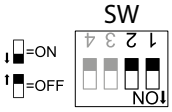
Fig. 2

CONTROLS (SPEAKER & MICROPHONE VOLUME)	
	Trimmer to adjust the speaker volume. Rotate clockwise to increase or anti- clockwise to decrease.
	Trimmer to adjust the microphone volume. Rotate clockwise to increase or anticlockwise to decrease.

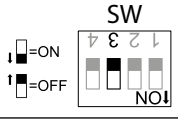
SETTINGS (DIP-SWITCH & JUMPERS)

4 WAY DIP-SWITCH

First two switches are used to set the speaker unit address: the speaker unit address is required for camera recall operation on 2 or more entrance systems.



Switches 1,2		**Unit Address**
OFF	OFF	1
ON	OFF	2
OFF	ON	3
ON	ON	4



Switch 3	**Conversation Time**
OFF	60 seconds
ON	120 seconds

Switch 4	**Door opening time (J2 = "L" position)**
OFF	2 seconds
ON	6 seconds

JUMPERS J1, J2, J3	
J1= 	Reassurance tone volume = High
J1= 	Reassurance tone volume = Low
J2= 	Door open relay operating mode = Capacitor discharge
J2= 	Door open relay operating mode = Dry Contacts
J3= 	Only for Art. 8833-2, call buttons operating mode = each button calls a different videophone
J3= 	Only for Art. 8833-2, call buttons operating mode = both buttons call the same videophone

When the door open relay operating mode is set to "capacitor discharge"*, one terminal of the electric lock must be connected to ground while the second must be connected to "NO" terminal. The "NO" terminal will supply a temporary voltage when the speaker unit receives the door open command.

* When "capacitor discharge" operating mode is set, one terminal of the electric lock must be connected to the ground while the second one must be connected to "NO" terminal. The "NO" terminal will supply a temporary voltage when the speaker unit receives the door open command (we suggest to use a 12Vac/dc 1A max electric lock). Setting "dry contacts" operating mode, when the speaker unit receives the door open command, the "NO" terminal will be internally linked to the "C" terminal for the programmed time (switch 4 of the 4 way dip-switch bank).

SIGNALS (TERMINALS)		
NO	Door open relay normally open contact	**Max 24Vdc, 3mA when used as dry contacts relay**
NC	Door open relay normally closed contact	
C	Door open relay common contact	
PTE	Active low input to control directly the door open relay	
SL	Active low output to enable the enslavement relay for video signal exchange (active with a call in progress)	
BS	Input/Output busy signal (about 12V in stand-by, about 0V with a call in progress)	
V2	Balanced video signal sync.+	
V1	Balanced video signal sync.–	
2	Speech line output from the microphone (about 12V in stand-by, about 3V with a conversation in progress)	
1	Speech line input toward the loudspeaker and data signal (about 12V in stand-by, about 5V with a conversation in progress)	
12Vout	12Vdc. 0,3A max. output to supply accessiories	
–	Power input ground	
+V	Power input 16÷20Vdc	

TECHNICAL SPECIFICATION

Power Supply: 20Vdc
Power consumption: Stand-by: 70mA
Operating: 250mA
Working Temperature: -10 +50 °C