

# Art. 3656 3.5" colour display videophone

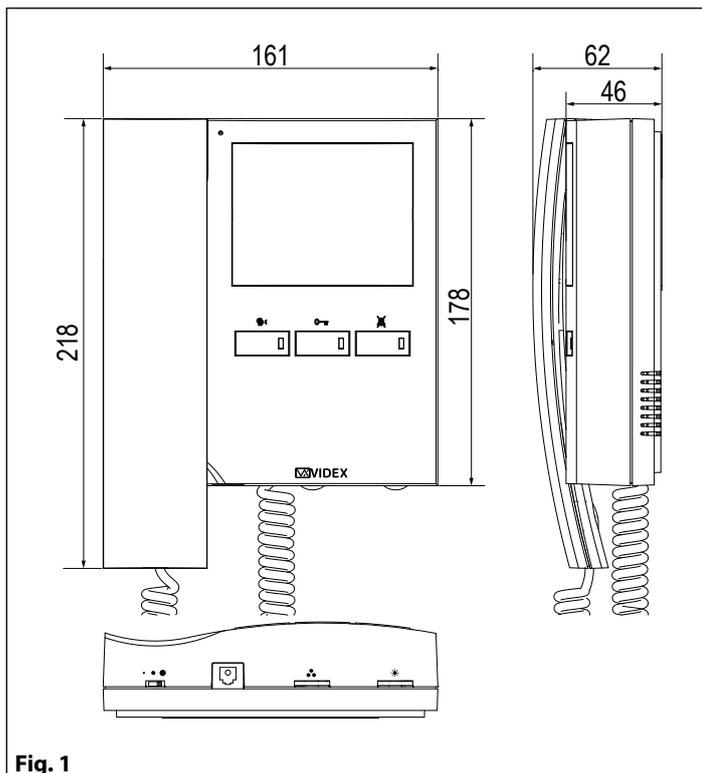


Fig. 1

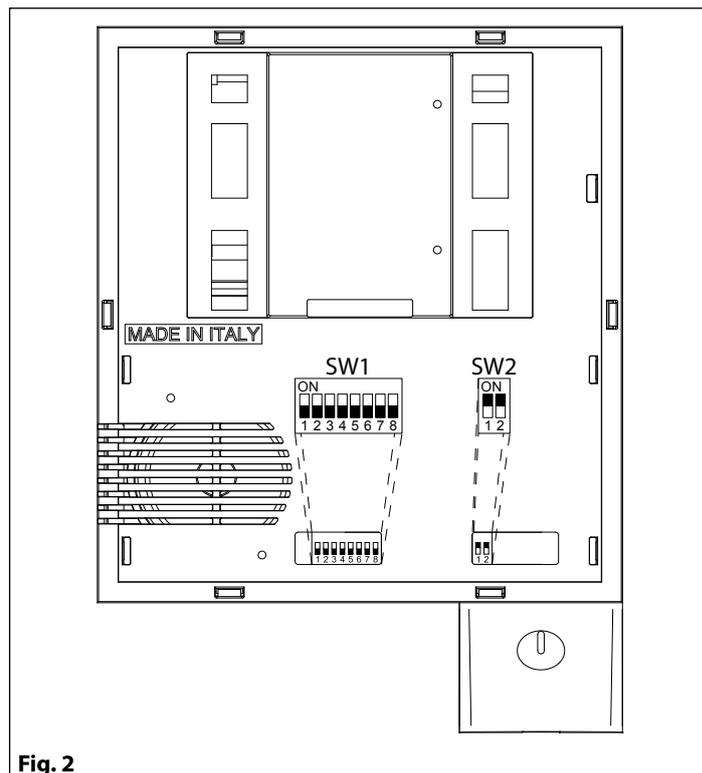
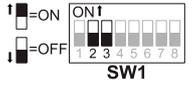
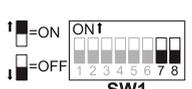


Fig. 2

## PUSH BUTTONS

	<p><b>Camera recall button.</b></p> <p>Pick up the handset then press the button (Press once for door/gate 1, twice for 2 and so on up to a maximum of 4 entrances): the relevant LED switches ON and the monitor switches on showing the video coming from the door panel. The speech lines are active and you can open the door by pressing the key button .</p>
	<p><b>Door-open / intercommunicating call button.</b></p> <p>With the handset lifted and speech lines open to the entrance panel, press this button to open the door. If the terminal 14 is properly connected the relevant LED remains switched ON until the door is closed.</p> <p><u>Intercommunication only works when the system is in stand-by condition.</u></p> <p>Switch 4 of the SW1 dip-switch selects the type of intercommunication:</p> <p><b>OFF</b> Intercommunication between two apartments - pick up the handset and press the key button to call the videophone(s) in the other apartment. A busy tone will signal that the other videophone is in conversation with the door station and so cannot be called.</p> <p><b>ON</b> Intercommunication between videophones in the same apartment</p> <ul style="list-style-type: none"> <li>- pick up the handset and press the key button one, two, three or four times to call videophone with extension address 1, 2, 3 or 4 (Set on dip-switch 2&amp;3 of SW1).</li> </ul> <p>Any intercommunicating conversation is always interrupted by an external call (i.e. External calls take priority).</p>
	<p><b>Privacy ON-OFF button.</b></p> <ul style="list-style-type: none"> <li>• When the system is in stand-by, the pressing of this button activates (LED switched on) or disables (LED switched off) the "privacy" service. The service is automatically disabled when the programmed privacy time expires. When the service is enabled the videophone does not receive calls.</li> <li>• During a conversation, the pressing of this button activates the relevant output (open collector) on terminal "17". The output is enabled until the button is released.</li> </ul>

LEDS	
	<b>ON LED.</b> Switched ON when the videophone is operating.
	<b>Door open LED.</b> Can be used to indicate the status of a door or gate. It requires a switched 12Vdc connection to terminal 14.
	<b>Privacy ON/OFF LED.</b> <ul style="list-style-type: none"> <li>When the videophone is in stand-by, this LED signals the privacy service status (ON = service enabled, OFF = service disabled);</li> <li>When the videophone is active, this LED indicates the activation of the output on terminal 17.</li> </ul>

SETTINGS (DIP-SWITCH)	
The videophone setup is carried out by the 2 dip-switches accessible from the rear of the videophone.	
 SW1	<b>Switches 1 Apartment Address</b> OFF 1 ON 2
 SW1	<b>Switches 2,3 Extension Address</b> OFF OFF 1 ON OFF 2 OFF ON 3 ON ON 4
 SW1	<b>Switch 4 Intercommunication</b> OFF Between videophones of the two apartment ON Between videophones in the same apartment
 SW1	<b>Switches 5,6 Number of rings</b> OFF OFF 2 ON OFF 4 OFF ON 6 ON ON 8
 SW1	<b>Switches 7,8 Privacy duration time</b> OFF OFF 15 minutes ON OFF 1 hours OFF ON 4 hours ON ON 8 hours

CONTROLS	
	Call tone volume control (3 levels).
	Hue control.
	Brightness control.

### 2 WAY DIP-SWITCH (SW2)



 The two way dip-switch adjusts the impedance of the video signal. The default setting is "ON" for both switches (75 Ohm): when there are more videophones in parallel connection (without video distributor) both switches must be "ON" only on the last videophone (looking at the connection order) while for all other videophones both switches must be set to "OFF".

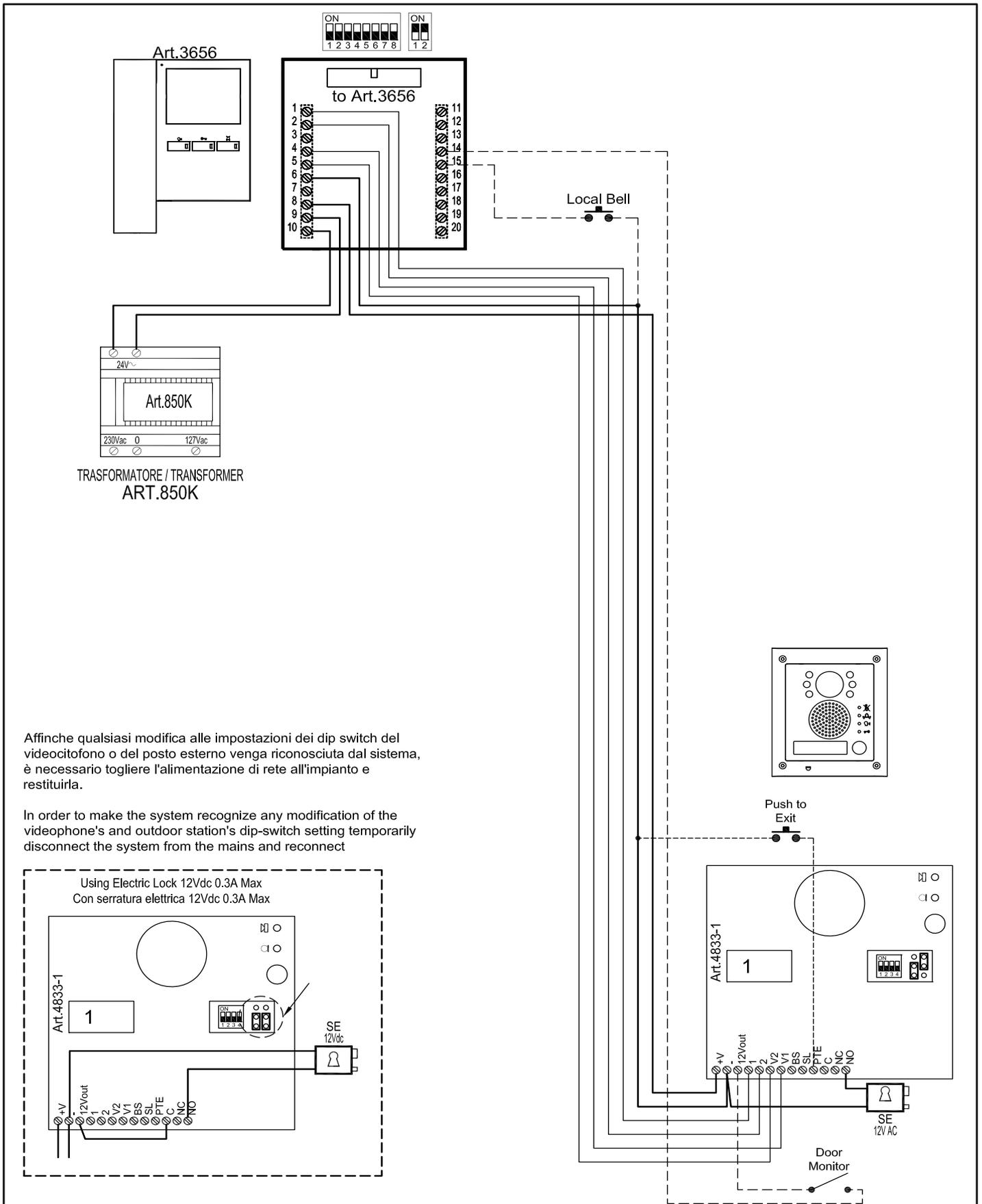
### 3600-5000 SERIES COMPATIBILITY

The Art. 3656 videophone is fully compatible with the Art. 3356, Art. 3456 and the Art. SL5456. All primary connections are the same but spare buttons and LED connections are different depending on the availability of these services on that model of videophone.

### TECHNICAL SPECIFICATION

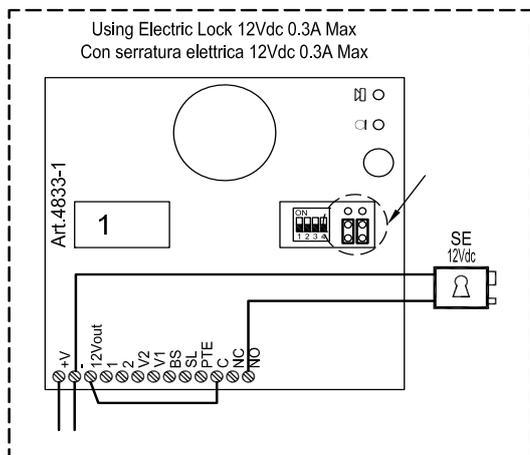
**Power Supply:** Supplied by the BUS line, 20Vdc  
**Working Temperature:** -10 +50 °C

SIGNALS ON CONNECTION BOARD	
1	Speech line output from handset's microphone and data signal (About 12V in stand-by, about 5V in conversation)
2	Speech line input toward the handset's loudspeaker (About 12V in stand-by, about 3V in conversation)
3	Speech line input toward the loudspeaker of the parallel telephone (About 12V in stand-by, about 3V in conversation)
4	Balanced video signal 1 sync. -
5	Balanced video signal 2 sync. +
6	Ground
7	
8	20Vdc Input/Output (As input 16÷20Vdc 0,5A - as output 20Vdc 0,5A max)
9	24Vac 1A max power input
10	0Vac power input
11	Output ground for parallel telephone
12	Output call tone for parallel telephone
13	Input for door-open command from parallel telephone
14	12Vdc input for door-open LED
15	Local call input (5V in standby, 0V to trigger)
16	
17	Service button (open collector) active low output. The button goes active when the  button is pressed during a conversation



Affinché qualsiasi modifica alle impostazioni dei dip switch del videocitofono o del posto esterno venga riconosciuta dal sistema, è necessario togliere l'alimentazione di rete all'impianto e restituirla.

In order to make the system recognize any modification of the videophone's and outdoor station's dip-switch setting temporarily disconnect the system from the mains and reconnect



Titolo:  
CVK4K, CVK4K-S

Data creazione: 06/10/2011  
Data modifica: 07/10/2011  
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Notes:  
Note:

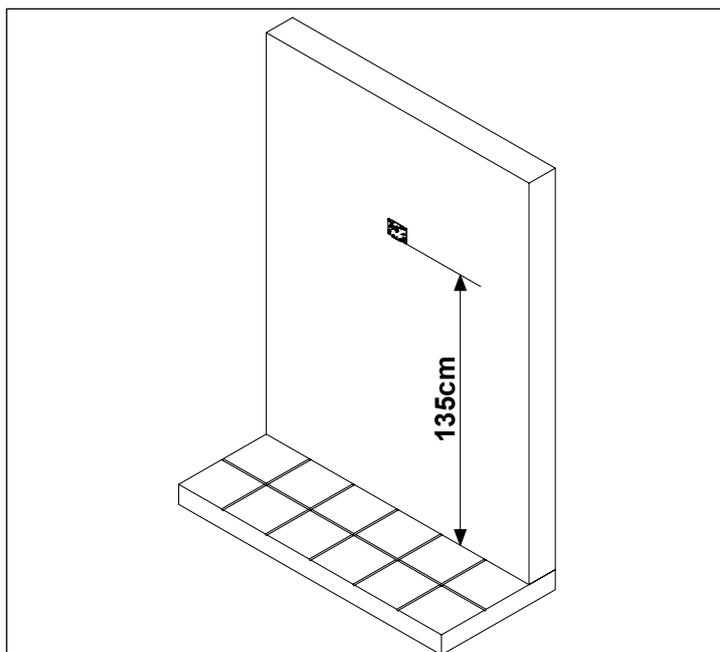


Fig. 1

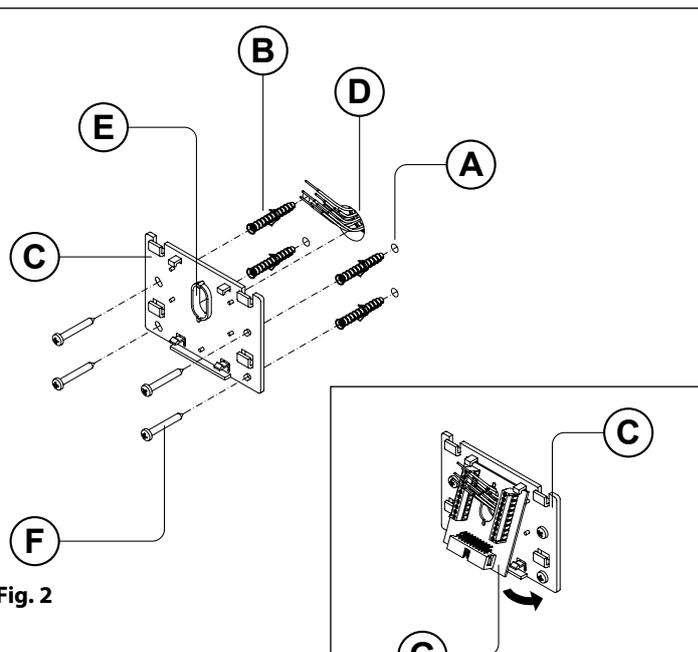


Fig. 2

Fig. 3

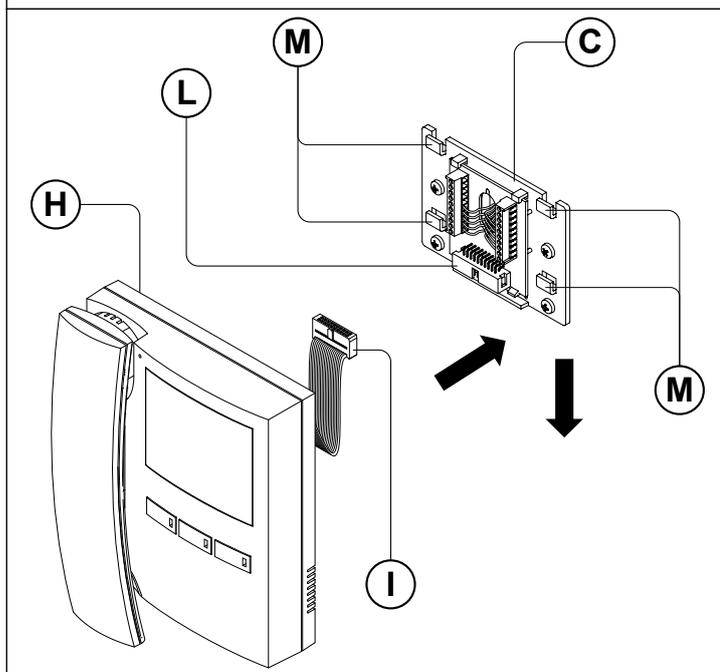


Fig. 4

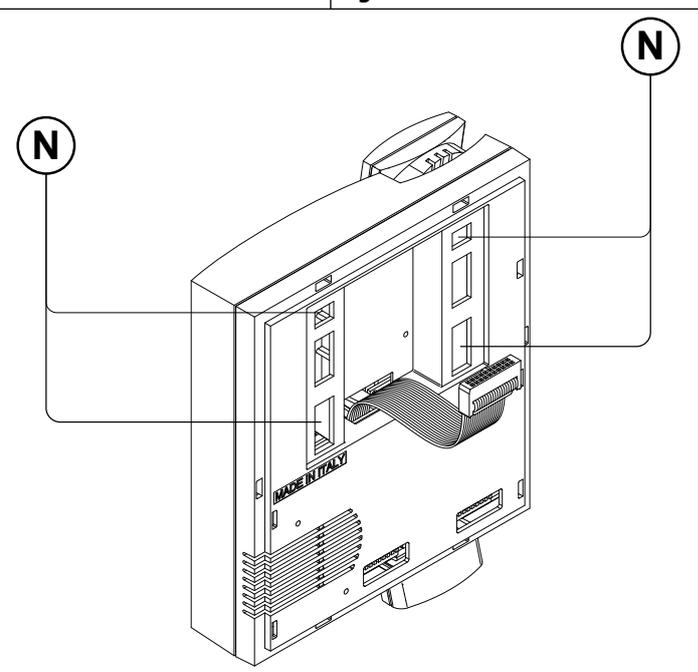


Fig. 5

1. Cables must be fed through the opening **E** (**Fig. 2**) of the mounting plate **C**, which should be fitted approximately 135cm from finished floor level as shown in **Fig. 1**;
2. Place the mounting plate **C** against the wall feeding the wire group **D** through opening **E** of the mounting plate and mark the fixing holes **A** (**Fig. 2**);
3. Drill the fixing holes **A**, insert the wall plugs **B** then with the cables threaded through opening **E** fix the mounting plate **C** to the wall with the 4 screws provided **F** (**Fig. 2**);
4. Hook the PCB connection board **G** to the mounting plate **C** as shown in **Fig. 3** and connect the wires (using the screwdriver provided) to the terminals as shown in the diagram provided;
5. Once the wires are connected, hook the videophone **H** to the mounting plate **C** as shown in **Fig. 3**;
6. Connect the Plug **I** on the ribbon cable from the videophone to the plug **L** on the PCB connection board **G**;
7. Place the videophone **H** against the 4 hooks **M** on the mounting plate **C** (in line with the 4 openings **N** on the rear side of the videophone **Fig. 5**) and push down as suggested by the pointers in **Fig. 4**, the videophone will lock into place;
8. To remove the videophone, hold it firmly and push the unit in an upward direction until the videophone **H** unlocks from the mounting plate **C**.









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