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«VIDEO SAILING COLOUR KIT MANUAL Ref. 5300»

Code 94876 February 2004 edition.

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**ENGLISH**



## **SECTION 1: INSTALLER MANUAL**

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### **KIT COMPOSITION**

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The Kit includes:



1 Monitor



1 Phone



1 Outdoor panel



1 Door release



1 Power source

\* Fitting accessories and flush box included in Kit.

### **INSTALLATION TIPS**

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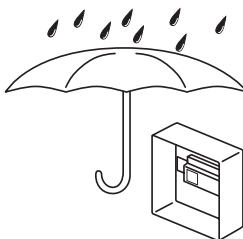


Do not install Outdoor Panel in backlight. Look for positions not affected by direct light.



Take additional precautions in places with adverse weather conditions.

Place the Outdoor Panel in a sheltered spot away from direct rainfall, salty air, etc. to prolong useful life.



Install the power source indoors.

Current legislation demands placing 230V connectable equipment in appropriate spots (indoors, sealed boxes...).

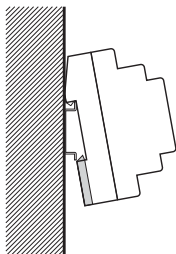
## **POWER SOURCE INSTALLATION**

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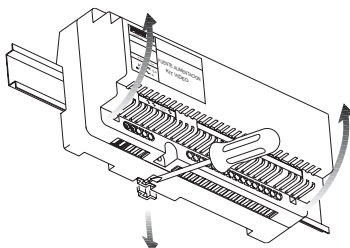
The **Power Source** must be fitted in a dry and sheltered place. Its DIN 10 format lets you install it in any junction box or directly onto the wall using the raw plugs and screws supplied.

### DIN rail installation

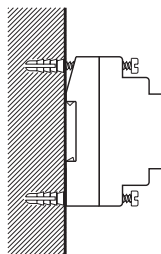
#### Assembly



#### Dismantling



### Fitting with screws

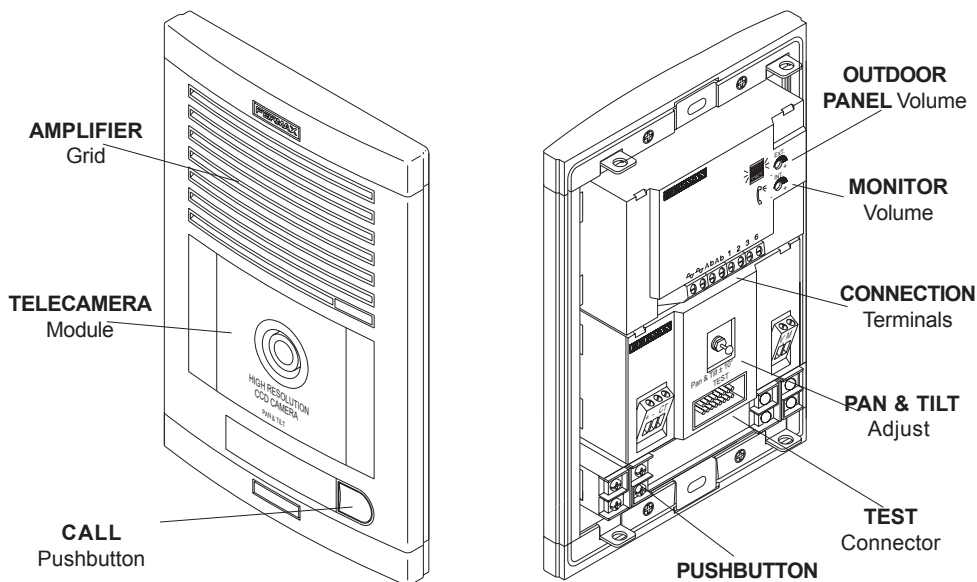


## **VERY IMPORTANT NOTE**

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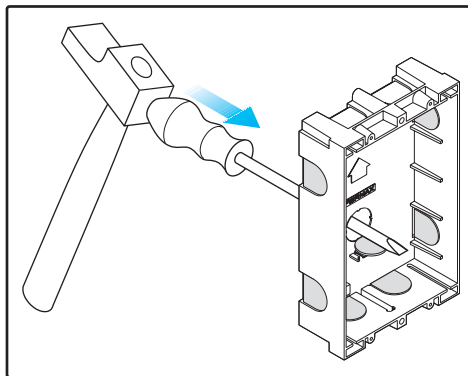
- ✓ The **Power Source** must always be installed indoors. It may be fitted inside a DIN electrical switch box.  
**Current legislation demands that it must be installed with a magnetothermal switch at the power point.**

## OUTDOOR PANEL

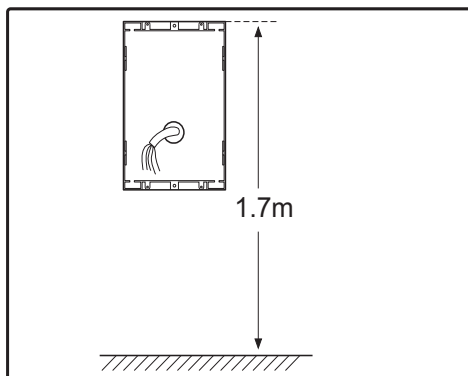


## OUTDOOR PANEL INSTALLATION

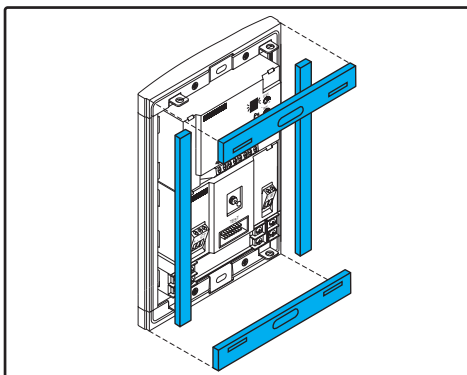
Follow the recommendations below to install the **Outdoor Panel** correctly. Do not forget to remove the plastic frontal telecamera protector when installation is completed.



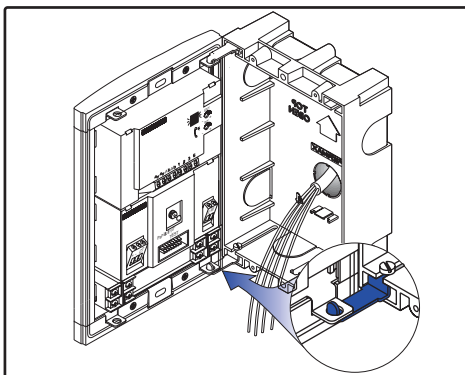
*Make the holes needed to pass the wires through*



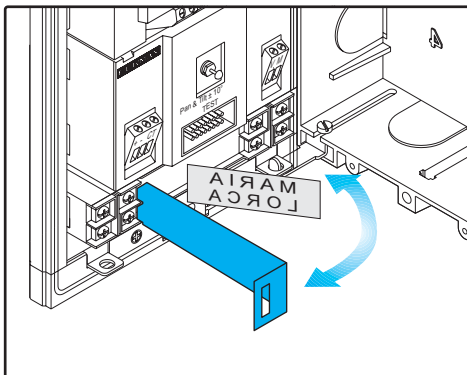
*Recommended height*



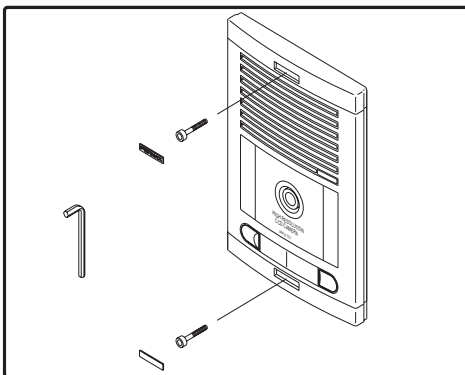
*Fit the waterproof rubber strips supplied.*



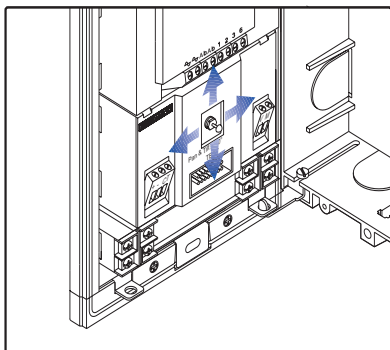
*Use the hinges to fasten the cables and handle the panel with ease (with flush box).*



*Raise the pushbutton tab and put the label in place. You can use the labels supplied with the **Panel**.*



*Close the **Panel** and tighten the screws with the Allen key supplied. Fit the plugs included in the kit.*

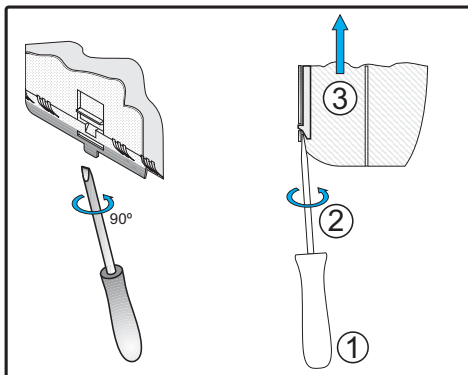


**NOTE:**

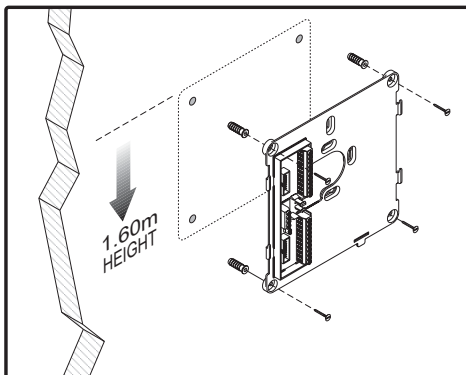
The telecamera incorporated in the Outdoor Panel has a Pan&Tilt adjust that lets you move the lens 10° in all four directions, so you can focus the camera in the desired direction during panel installation

## MONITOR INSTALLATION

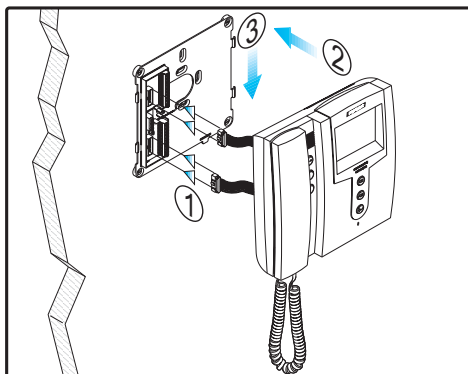
Sailing monitors enable swift and simple installation, with no need for any type of works. Do not remove the plastic screen protector until the **Monitor** is completely installed.



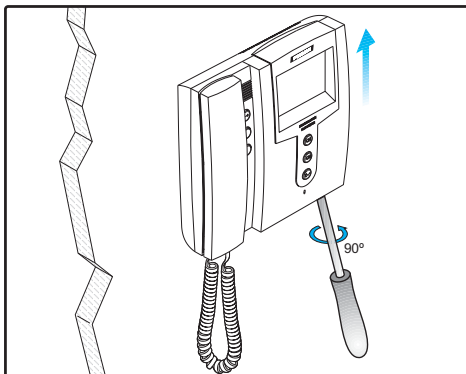
1. Use a flat screwdriver to separate the metallic support from the **Monitor**. Insert it, turn and slide out the **Monitor**.



2. Place the **Monitor** on a rigid, flat wall. Mark and drill the wall through the holes in the base.



3. After fixing the cables, plug in the connectors and place the **Monitor** according to the sequence indicated.

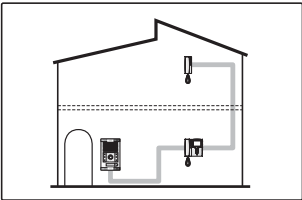


4. To take out the **Monitor**, insert the screwdriver in the notch, turn and push the **Monitor** upwards.

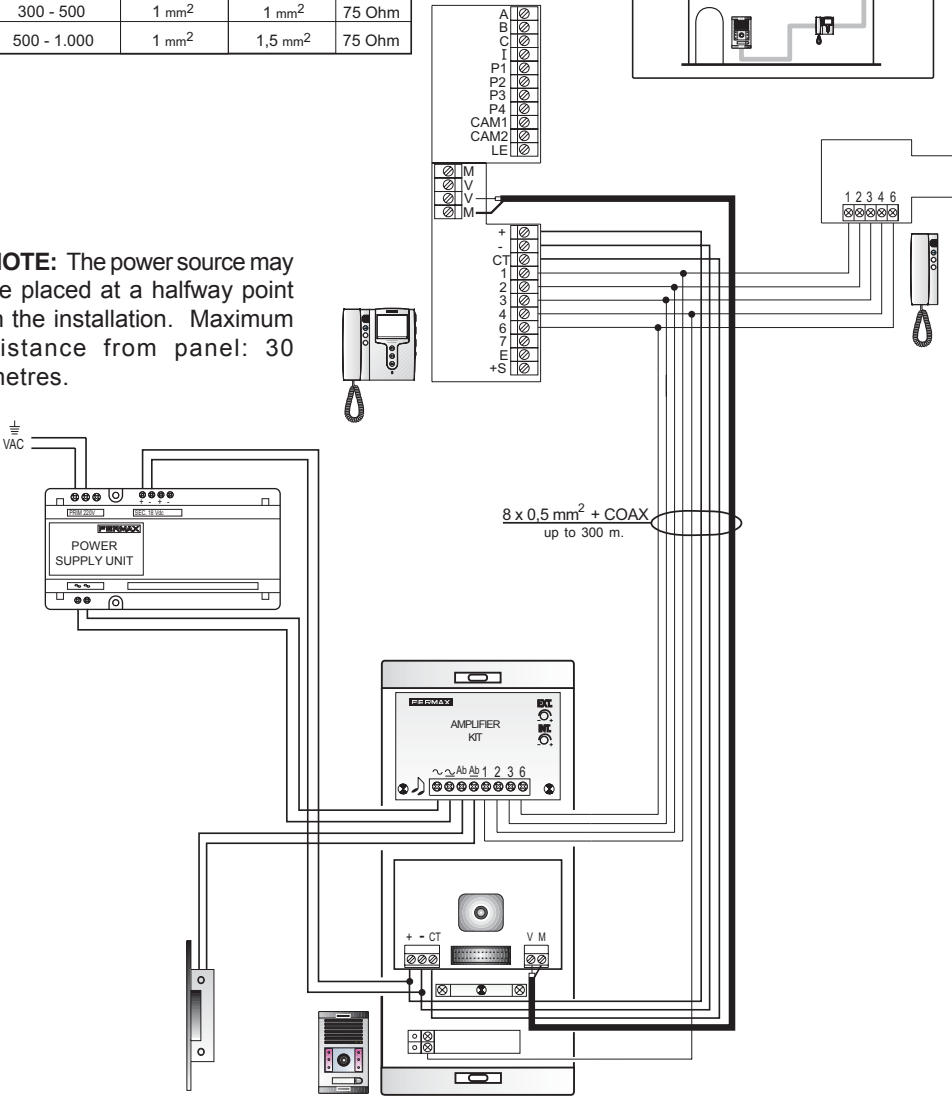
KIT WIRING DIAGRAM

WIRE SECTION AREA TABLE

LENGHT (meters)	Thin lines on schematics	Thick lines on schematics	COAXIAL RG59
less than 300	0,5 mm <sup>2</sup>	1 mm <sup>2</sup>	75 Ohm
300 - 500	1 mm <sup>2</sup>	1 mm <sup>2</sup>	75 Ohm
500 - 1.000	1 mm <sup>2</sup>	1,5 mm <sup>2</sup>	75 Ohm



**NOTE:** The power source may be placed at a halfway point in the installation. Maximum distance from panel: 30 metres.





## **KIT TECHNICAL FEATURES**

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### ***Outdoor panel***

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**Power source:** 12 Vac + 18 Vdc.

**Consumption:**

- 40 mA. (on standby)
- 250 mA. (audio active)
- 300 mA. (camera)
- 70 mA. (lighting)

**Audio power outbound:** 1 W

**Audio power inbound:** Limited 0.25 W

**Two-way adjustable volume**

**Operating temperature:** 0 ÷ 60 °C

**IP:** 34

### ***Monitor***

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**Power source:** 18 Vdc

**Consumption:**

- on standby: 18 mA
- active: 400 mA

**Operating temperature, Damp:**

[0 , +60 °C], [0,95%]

**Dimensions:**

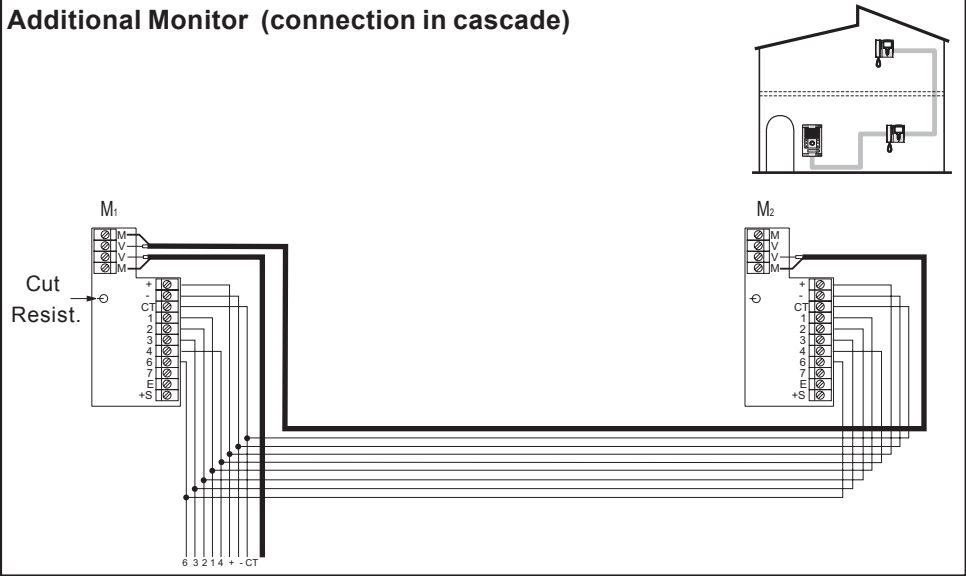
Height x Width x Depth: 210 x 79 x 42 (mm)

**EXTENSIONS AND ACCESSORIES**

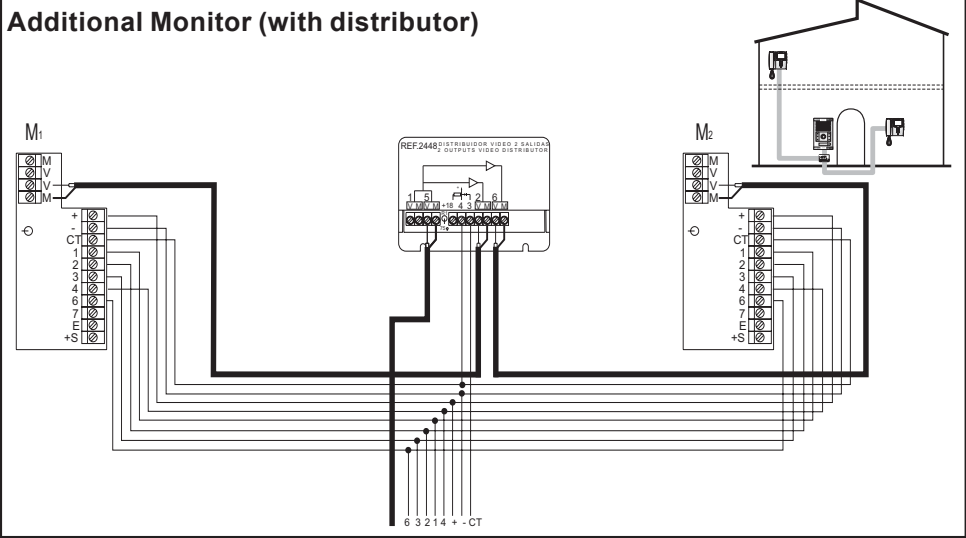
**Inreasing number of terminals**

The basic equipment per home can be extended with 1 additional monitor with no need for an additional power source.

**Additional Monitor (connection in cascade)**

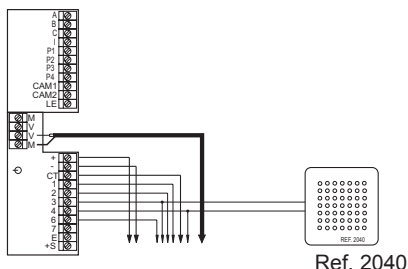


**Additional Monitor (with distributor)**




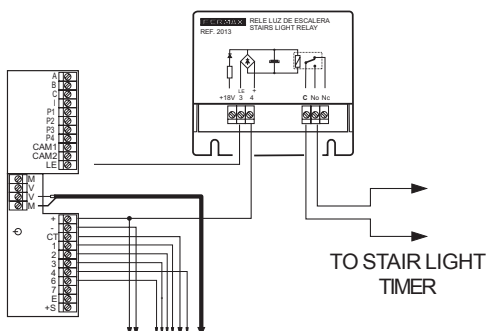
## Call extender

The extender (Ref. 2040) is used to be able to hear the call tone in a different part of the house from where the **Monitor** is installed, for example in the garden.



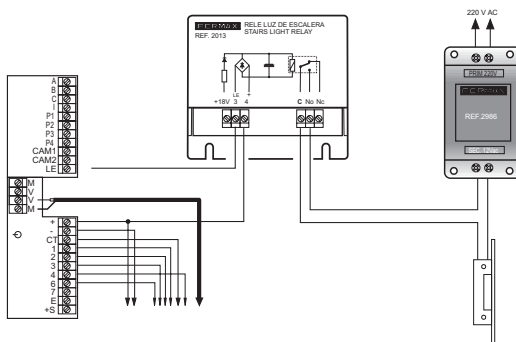
## Stair light relay

The relay (Ref. 2013) is used to activate an external device such as the stair or garden light timer, by pressing the button  on the **Monitor**.



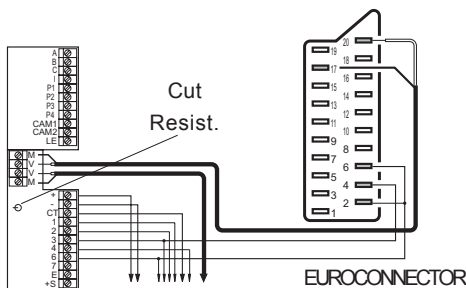
## Second door control

The relay (Ref. 2013) can also be used to control a door release where there is no outdoor panel, by pressing the stair light button on the monitor. An additional 12 V power source Ref. 2986 is required.



## Connection to TV or video

The Sailing Colour **Monitor** can be connected directly to a television by a SCART CONNECTOR, so that the image and audio from the outdoor panel also appear on the TV screen.



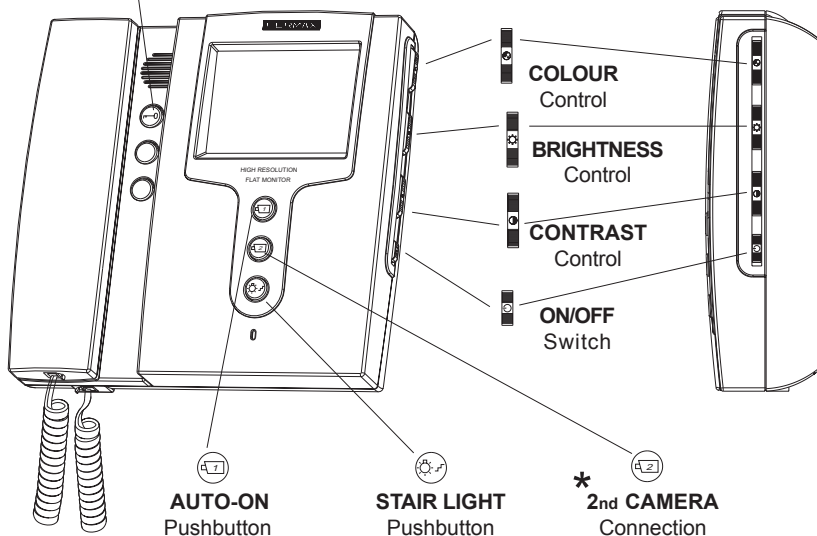
## TROUBLESHOOTING TABLE

SYMPTOM	POINTS TO CHECK
<ul style="list-style-type: none"> <li>No image appears on Monitor</li> </ul>	<ul style="list-style-type: none"> <li>Monitor on (switch on/off).</li> <li>Video power source: 18Vdc between terminals «+» and «-».</li> <li>After making a call: Voltage between terminals «-» and «CT» must be 10 Vdc.</li> <li>There is no short circuit between live (V) and shield (M).</li> </ul>
<ul style="list-style-type: none"> <li>Not heard at Outdoor Panel but heard on Monitor/Telephone</li> </ul>	<ul style="list-style-type: none"> <li>Terminal «1» connection (door release does not work either).</li> <li>Terminal «2» connection.</li> <li>Check there is no short circuit between wires «1» and «2».</li> <li>Check there is no short circuit between terminals «1» and «3» (door release always active).</li> </ul>
<ul style="list-style-type: none"> <li>Not heard on Monitor/Phone but heard at Outdoor Panel</li> </ul>	<ul style="list-style-type: none"> <li>Check that terminal «6» is properly connected.</li> <li>Check the terminal «3» connection (call and door release will not work).</li> <li>Check there is no short circuit between wires «3» and «6».</li> </ul>
<ul style="list-style-type: none"> <li>Call is not heard</li> </ul>	<ul style="list-style-type: none"> <li>Check that terminal «4» is properly connected.</li> <li>Check the terminal «3» connection (panel-apartment audio will not work ).</li> </ul>
<ul style="list-style-type: none"> <li>Feedback noise at panel and on the Monitor/Phone</li> </ul>	<ul style="list-style-type: none"> <li>Check there is no short circuit between wires «2» and «6».</li> <li>Lower the Outdoor Panel volume.</li> </ul>
<ul style="list-style-type: none"> <li>Door release always active</li> </ul>	<ul style="list-style-type: none"> <li>Check there is no short circuit between terminals «1» and «3».</li> </ul>
<ul style="list-style-type: none"> <li>Door release activates when phone is picked up</li> </ul>	<ul style="list-style-type: none"> <li>Check there is no short circuit between terminals «2» and «3».</li> <li>Check there is no short circuit between terminals «1» and «6».</li> </ul>

## SECTION II : USER MANUAL

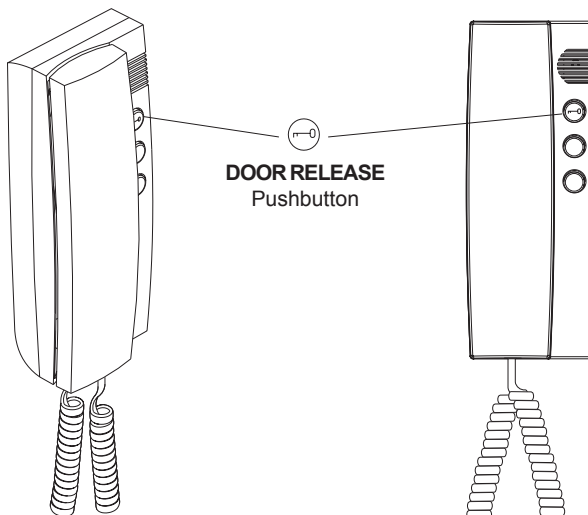
### SAILING COLOUR MONITOR

**DOOR RELEASE**  
Pushbutton

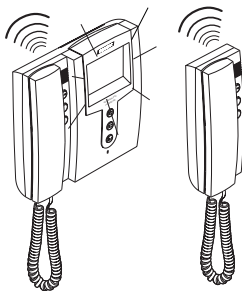


\* Only in installations with AUXILIARY TELECAMERA KIT  
or ADDITIONAL VIDEO PANEL KIT (optional).

### SAILING TELEPHONE



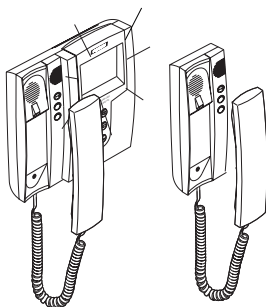
## MONITOR / TELEPHONE OPERATION



### Call

- \* When the call button on the **Outdoor Panel** is pressed, a call tone is heard both at the outdoor panel and on the monitor, the screen lights up and the ON-OFF indicator goes off.

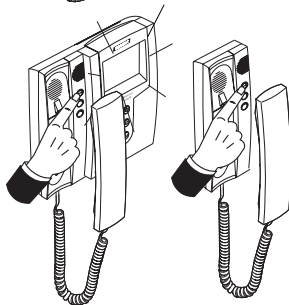
If there are any additional sets in the house, they will also sound. If the call is not answered the equipment disconnects automatically after 90 seconds.




### Answer the call

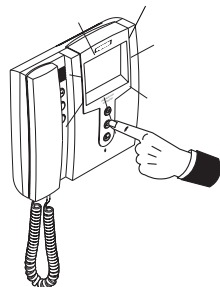
- \* Pick up the phone handset to speak to the visitor.

Duration of communication is not limited. Although the image disappears after 90 seconds, it is possible to continue the conversation indefinitely until the handset is replaced.




### Open the door for the visitor

- \* You can open the door by pressing the  button at any time.



### Manual monitor activation (auto-on)

- \* You can switch the monitor on manually at any time simply by pressing .

The screen stays lit for 90 seconds before switching off automatically.

Pick up the phone handset to talk to the person at the **Outdoor Panel** and open the door for them in the same way as if they had called.

NOTE: The ON/OFF switch  must be ON. For prolonged periods of absence, switch off the Monitor.