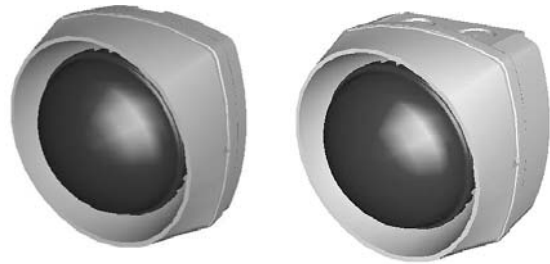




Conventional Sounder and Sounder Strobe Units



These instructions cover the following conventional S³ products, which are suitable for installation in Conventional fire alarm system.

	Sounder		Sounder Strobe	
	Deep base	Shallow base	Deep base	Shallow base
White	C3IP-SN-W	C3-SN-W	C3IP-SN-ST-WR	C3-SN-ST-WR
Red	C3IP-SN-R	C3-SN-R	C3IP-SN-ST-RR	C3-SN-ST-RR

The low power **Conventional Sounder** and combined **Strobe** products provide audible and visual alarm signals for use with fire alarms, internal security alarms and other hazard warning systems operating over a voltage range of 10.8V–28.8V DC.

The sounders provide a range of 32 distinctive audio-visual signals and are available as a combined Sounder/Strobe or Sounder only with deep base (40mm) and shallow base (25mm) options offering IP55C and IP31C ratings respectively.

In addition to the products covered in this leaflet there are Speech, Sounder and Strobe only variants available. For more information contact your supplier.

The S³ product range incorporates innovative design features protected by Patents GB2388994, GB2388995 and GB2388916. The product design has also been registered.

Do's and Don'ts

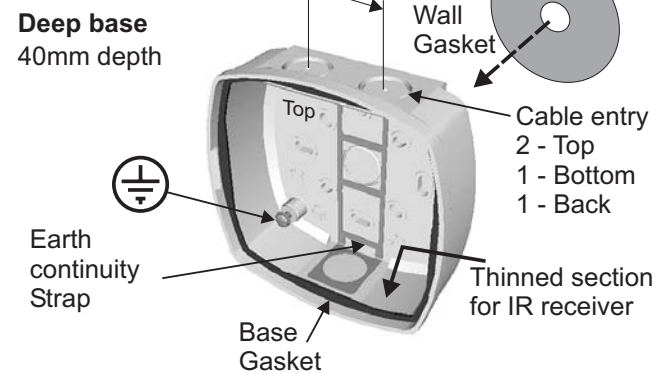
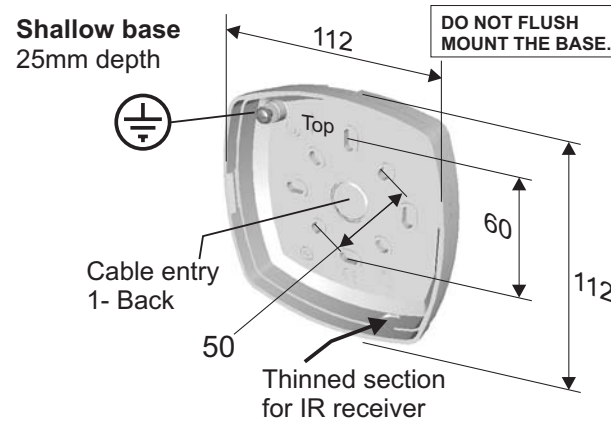
Do's

- Use correct method to open and close the unit
- Mount the unit in correct orientation with 'TOP' uppermost, to allow remote control operation
- Fit the **wall gasket** first when installing the deep base if IP55C protection is required
- Ensure the **transparent cover** is in place over the board
- Configure the switch for desired tone and light outputs before closing the assembly
- Ensure the **earth continuity strap** is in place to the **deep base**

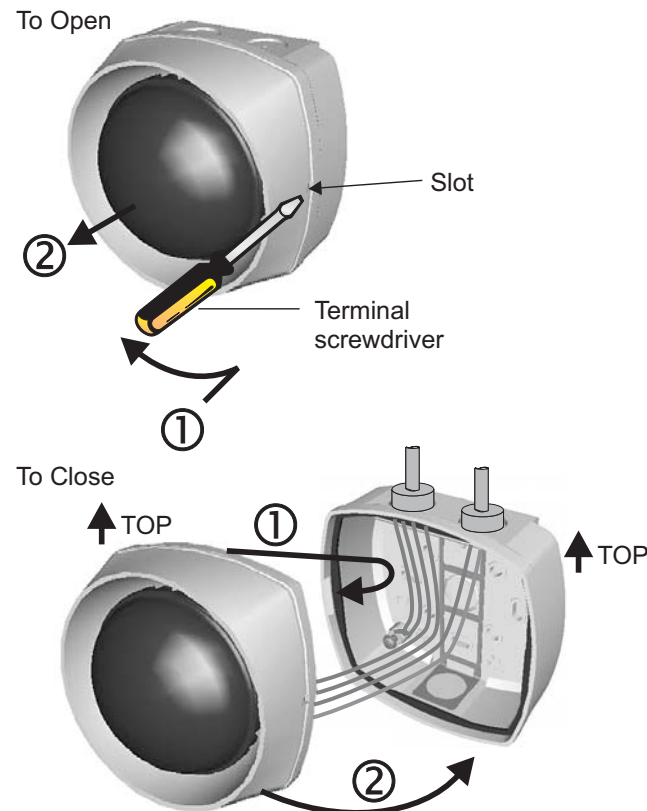
Don'ts

- Don't flush mount the base
- Don't have excessive incoming cable slack
- Don't locate unit such that the audible and visual outputs are obstructed
- Don't mount the unit above obstructions, such as shelves, that can prevent its operation with the IR remote control
- Don't paint the unit enclosure

Bases



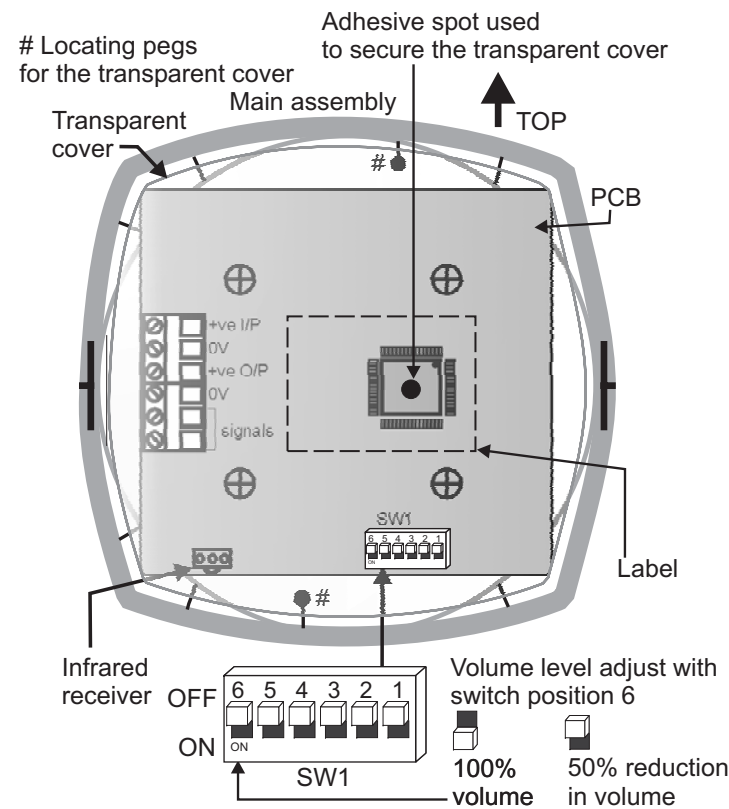
How to open and close the assembly



Installation

- 1 Drill or knockout the required cable entry points on the **Base**.
- 2 If using the deep base option and IP55C protection is required, then stick on the circular **wall gasket** on to the centre back of the **base**.
- 3 Secure the Base to the wall whilst ensuring Top of the Base is in correct orientation.
- 4 Terminate the cable at the entry point leaving no more than 10cm (4") tail wire length for connection.
- 5 Ensure the **transparent cover** is in place over the **PCB**. Connect the wires to the terminal block, see Wiring.
- 6 Select the required tone by setting the switch SW1, see tone selection table over leaf.
- 7 Lock the main assembly to the base.
- 8 If necessary you can reselect the volume and tone by making adjustment to the SW1 switch settings. As an alternative you can use a Remote control to configure the S³ product, contact your supplier for further information.

Note: When making adjustment to tone/speech and volume level using a remote control, the settings of switch SW1 will be superseded. If subsequently the settings of switch SW1 are changed, then the settings made using the remote control are superseded.

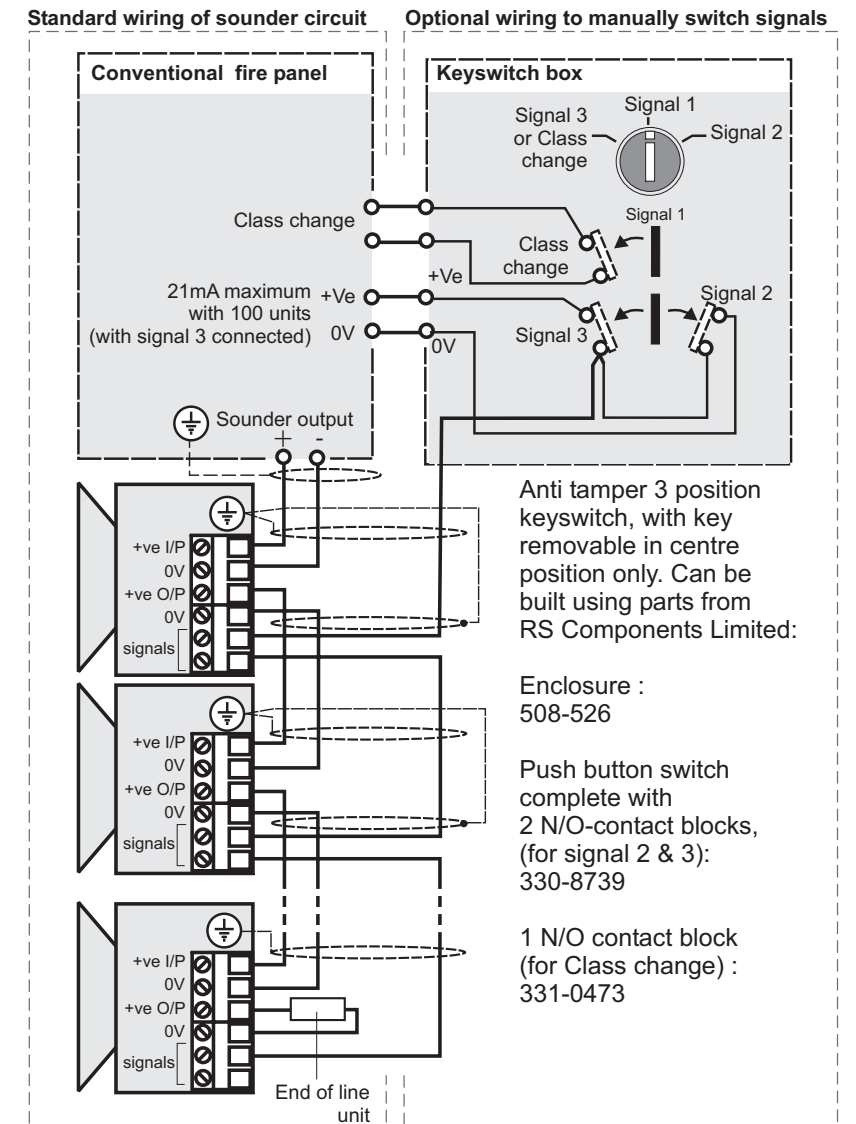


Wiring

The audible sound and strobe outputs can be manually switched by wiring a keyswitch. The keyswitch box and contacts can be purchased from supplier like RS components Limited.

Note: Avoid operating the S³ by fast pulsing the power to the unit. This type of pulsed operation will affect the strobe output.

For example with the arrangement shown below you can manually activate the Signals 2 or 3 tones during *alarm condition* by operating the keyswitch. With an optional contact set for class change you can be output Signal 3 during *non alarm condition*.



Note: Avoid operating the S³ by fast pulsing the power to the unit.

