



Music in Every Room Ltd Tenor Audio Mirror

Bluetooth
FM/DAB Radio

What's in the box:

1. Mirror with attached aerial
2. Remote control with fitted battery
3. 4 x Fixing screws, raw plugs and 3 grommets
4. Fixing Template
5. Install and operation instructions

Please carefully inspect the mirror to ensure no damage has occurred in transit. If any damage is evident please photograph both the mirror and any damage to the packaging and contact us directly.



SAFETY

- **THE MIRROR MUST BE INSTALLED BY A COMPETENT PERSON IN ACCORDANCE WITH CURRENT IEEE REGULATIONS.**
- **IF IN DOUBT CONSULT A "PART P" REGISTERED ELECTRICIAN.**
- **THE MIRROR MUST BE PERMANENTLY INSTALLED AND NOT CONNECTED TO A TRAILING PLUG/SOCKET.**
- **THE MIRROR MUST BE EARTHED.**
- **The product is for indoor use only in a ventilated bathroom. It is not suitable for saunas, steam rooms or shower cubicles.**
- **The mirror is suitable for installation in Zone 2 and outside zones. It must not be installed in Zone 0 or Zone 1. Please refer to the diagram.**

1. Selecting the installed position

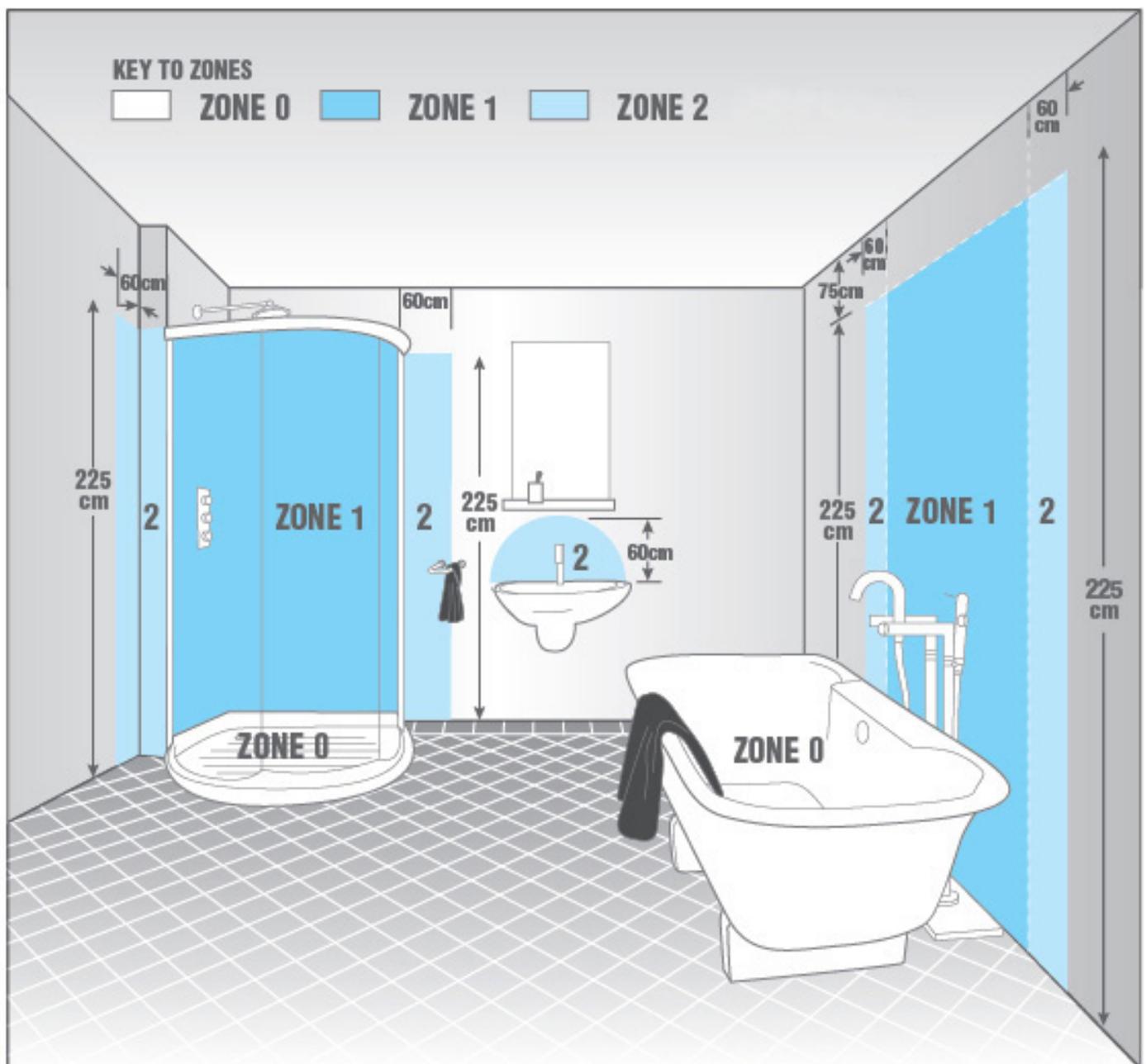
Do not install in Zone 0 or Zone 1, or a position where it can be accidentally sprayed down with the shower head.

It will require a mains cable feed to the rear of the case. (see wiring section) and ideally a coaxial feed for a remote aerial.

The mirror weighs 14kgs so ensure fitting is to a sturdy wall.

Light proximity sensor

The base of the mirror should be 150mm clear of any under surface (sink, shelf etc.) to prevent interference to the LED proximity switch.



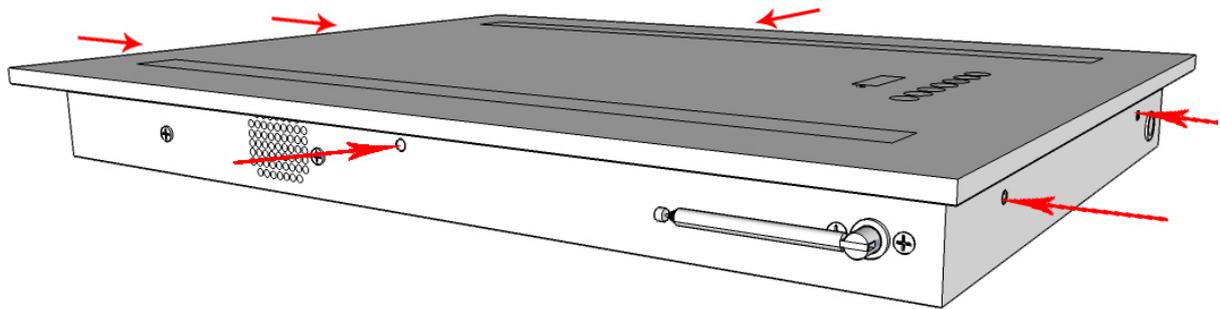
2. Reception

The mirror has its own fitted aerial which in strong signal areas will be adequate. Mounting near a window generally improves reception.

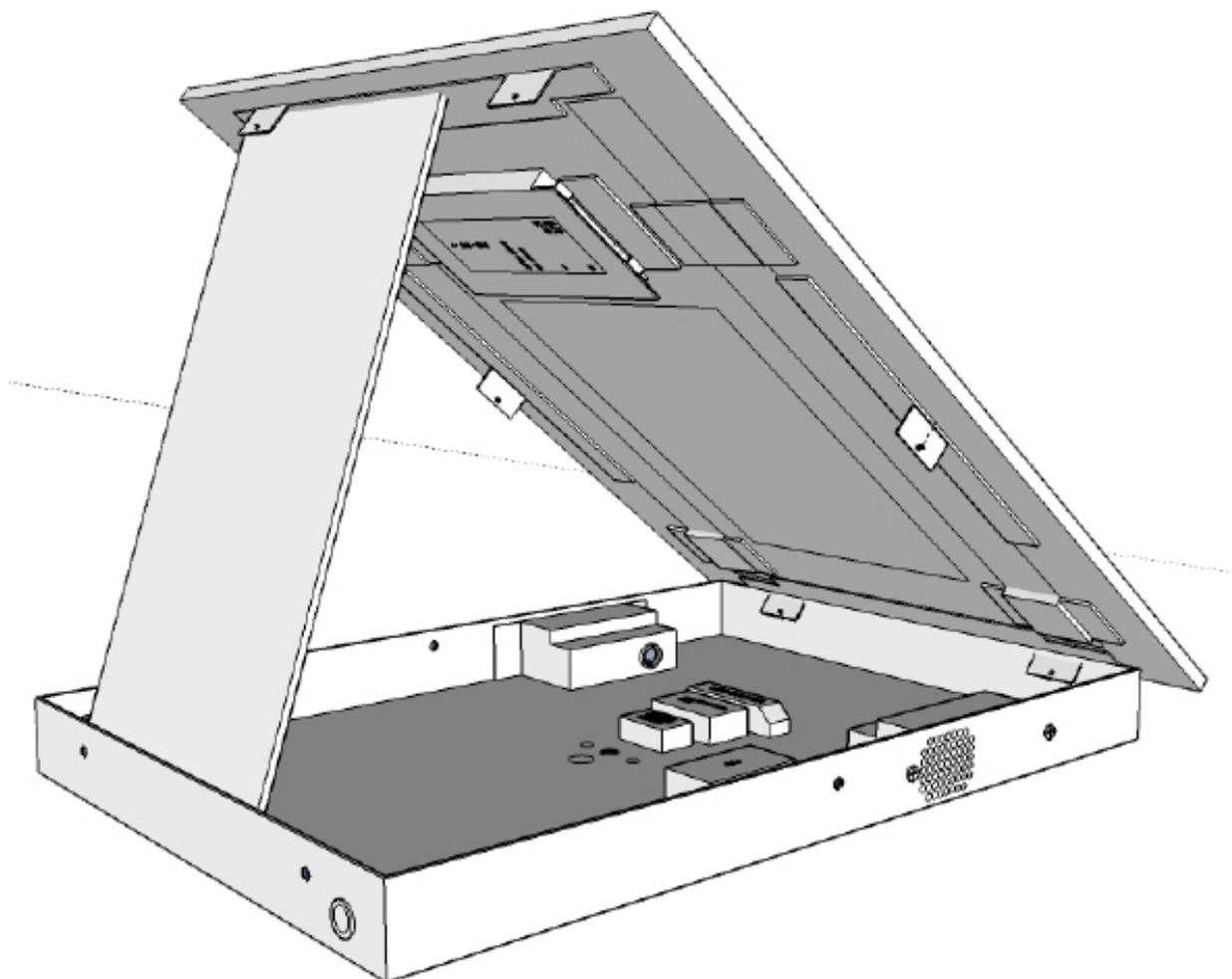
For best performance we strongly recommend a coaxial feed is run to a full external DAB/FM aerial, roof or loft mounted.

3. Remove glass from case

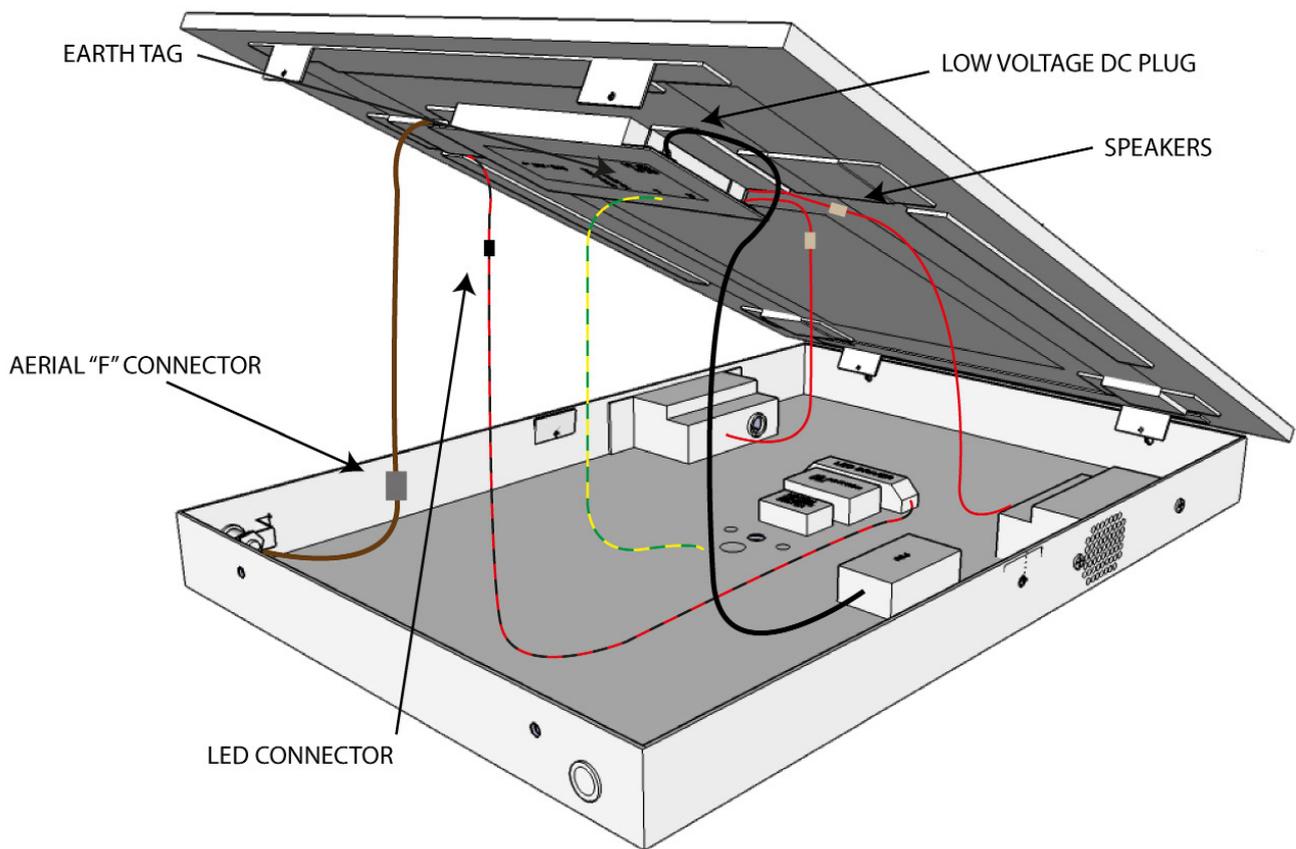
Lay the mirror case down flat on a suitable surface and remove the 6 screws indicated by the red arrows



Lift the bottom edge of the glass and support as shown, resting the top brackets on the edge of the case. Use a prop to hold the glass at an angle to make it easier to disconnect cables.



Disconnect: Low Voltage DC Plug - Black
 2 x Speaker cables - Red
 Aerial "F" Connector - Brown
 LED Strip light connector - Red/Black
 Earth Tag - Green/Yellow



Once all cables have been disconnected lift the glass clear of the case to a safe position
 Take care to protect the edges of the glass, do not stand the mirror on its glass edge unless protected by soft material.

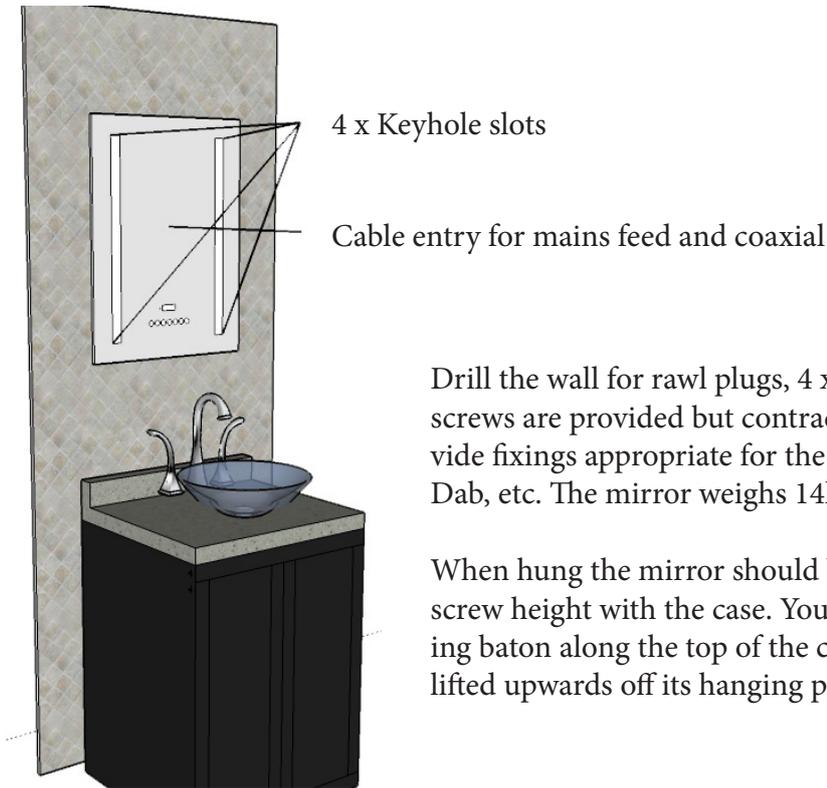
4. Position the mirror on the wall

A Template 800 x 600 mm is included, use this to determine best position and height.
 Use a spirit level and stick the template to the wall in the exact position required.

Please Note: The template positions allow for the mirror to drop by 12mm when it is hung from the keyhole slots, it will position exactly to the template.

Mark Through:

- 4 x Keyhole slots
- Mains Cable
- External aerial coax (if fitted)



Drill the wall for rawl plugs, 4 x 8mm rawl plugs and screws are provided but contractors must assess and provide fixings appropriate for the wall-- Solid, Stud, Dot and Dab, etc. The mirror weighs 14kg, make sure its secure.

When hung the mirror should be tight to the wall. Test the screw height with the case. You may wish to add a retaining baton along the top of the case to prevent it being lifted upwards off its hanging plates.

5. Wiring

**SAFETY - THE MIRROR MUST BE EARTHED
THE MIRROR MUST BE WIRED FROM AN RCD DEVICE
WE RECOMEND WIRING VIA A LOCAL FUSED SPUR FUSED AT 3 AMPS**

The mirror is supplied with a connected mains cable. The installing electrician may wish to make use of this cable or to replace it with a pre installed cable. In the later case open the mains terminal box, remove the provided cable and wire in the new cable

In a stud wall a terminal box can be fitted inside the cavity. This allows the case to be offered to the wall and wired into the terminal box using the supplied cable. An external aerial coax can also be provided. As the mirror is offered to the wall the connecting cables will hang down into the cavity.



AERIAL

The mirror is fitted with a side mounting aerial. In strong reception areas this may be adequate, but for best radio performance ---

WE STRONGLY RECOMMEND YOU WIRE IN AN EXTERNAL FM/DAB AERIAL.

Mount the aerial externally or in the loft and wire to the mirror with coaxial cable.

Use the open grommet provided to bring the coaxial into the rear of the case. Terminate with an “F” connector and connect in place of the side mount aerial. Unscrew the two small screws retaining the side aerial bracket. The side mount aerial can now be removed through the hole and use the blanking grommet removed from the rear of the case to fill the hole.

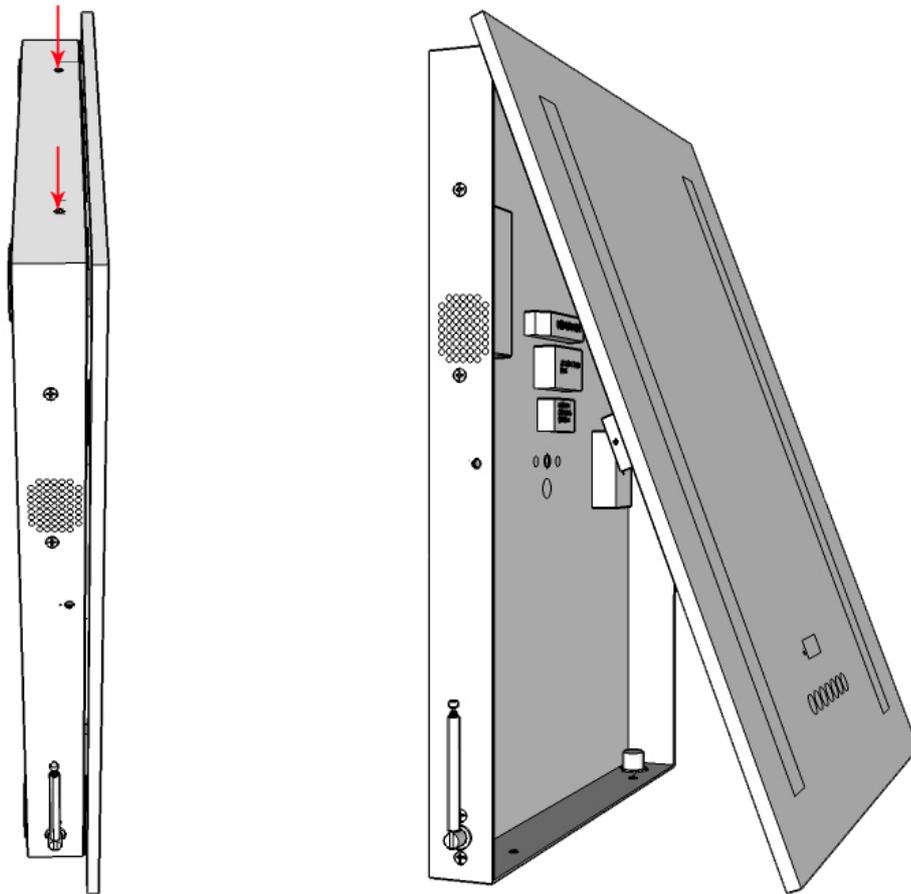
6. Hanging the mirror

Hang the case securely to the wall and wire in the mains cable.

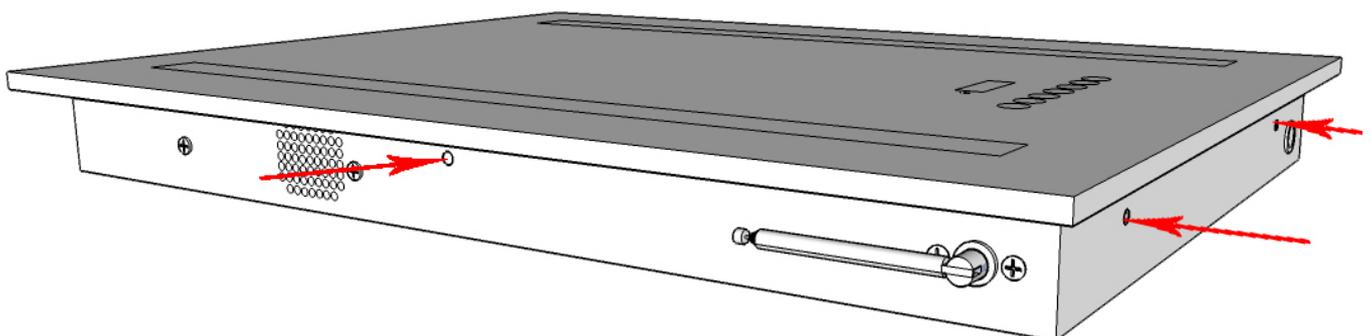
With the case wired and securely hung, offer up the glass and loosely fit the two top screws as indicated

Swing the glass outwards always supporting the base and remake the connections.

Connect:	Low Voltage DC Plug	- Black
	2 x Speaker cables	- Red
	Aerial "F" Connector	- Brown
	LED Strip light connector	- Red/Black
	Earth Tag	-Green/Yellow



Once all the connections have been made, close the glass to the case, align the screw holes and fit the other 4 screws, As you tighten press lightly on the glass to compress the gasket.



FULLY RECESSING THE MIRROR

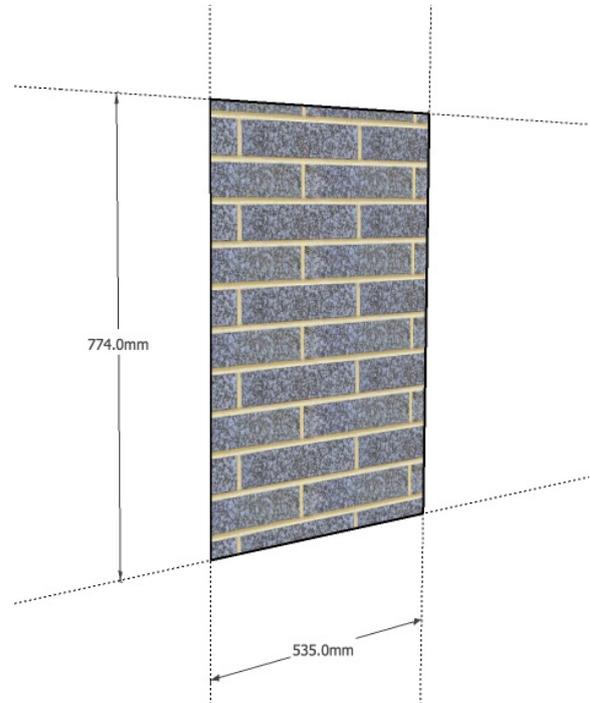
It's possible to fully recess the mirror. It will then operate:

- Wired to on-wall or ceiling speakers
- Wired to an external FM/DAB aerial
- Rewire the LED to the room, or a separate light switch

1. Installation

Cut a hole in the wall 774mm high 535mm wide.

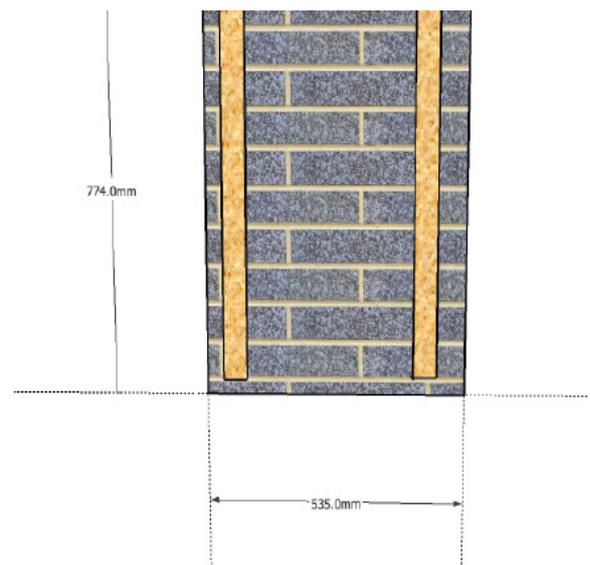
The case is 762mm in height. It enters the top of the cut out and drops 12mm onto the keyslots



Recess depth

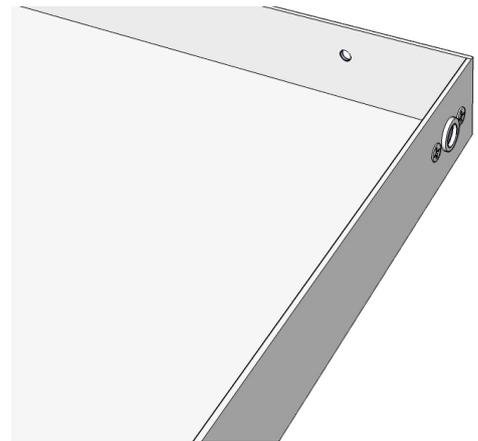
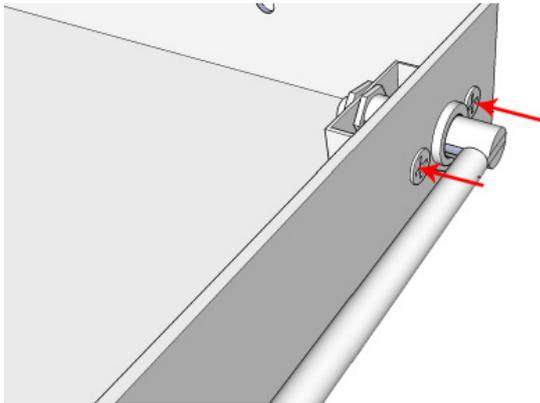
Within the recess fix 2 vertical batons (aprox 20mm deep) that will hold the fixing screws and allow room for spare cable as the mirror is hung back into position. The case is 70mm deep from face to keyhole slot (including the gasket). The case should sit proud of the recess by 2-3mm. If you wish to tile up to the mirror or silicon seal in the wall then set at the appropriate clearance.

*Note - ONLY USE MIRROR/GLASS SEALANT, STANDARD SILICON WILL DAMAGE THE BACKING ON THE GLASS.



Split the glass from the case as previously described.

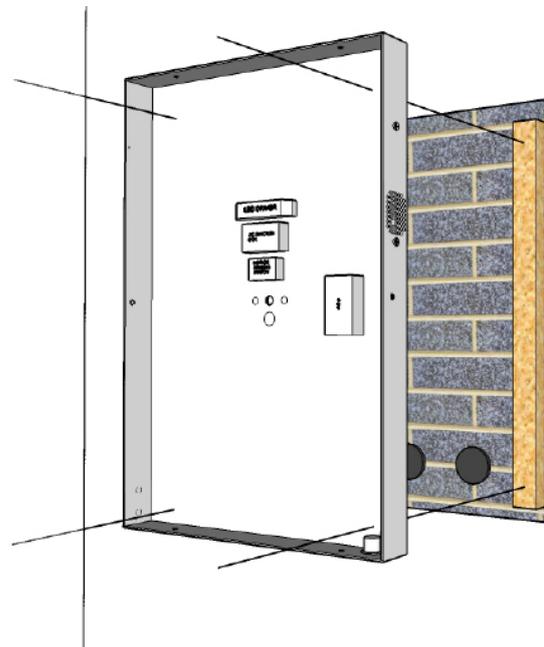
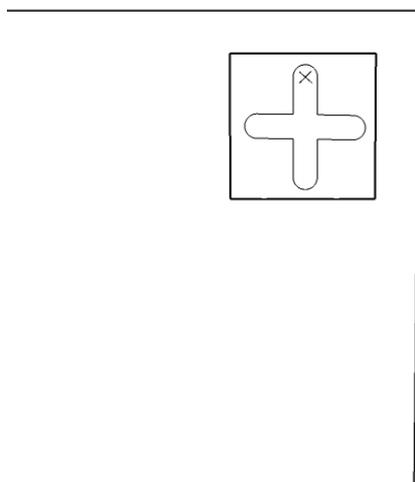
Remove the side mounting aerial by removing the screws shown, push the aerial back through the hole to remove, refit the screws and fit the blanking grommet fitted in the rear of the case.



2. Fitting the case into the recess

Drill through the case keyhole slot in the position shown "X" below. Drill all 4 plates (approx 2mm). This position should be the centre of the screw when engaged in the keyhole slot.

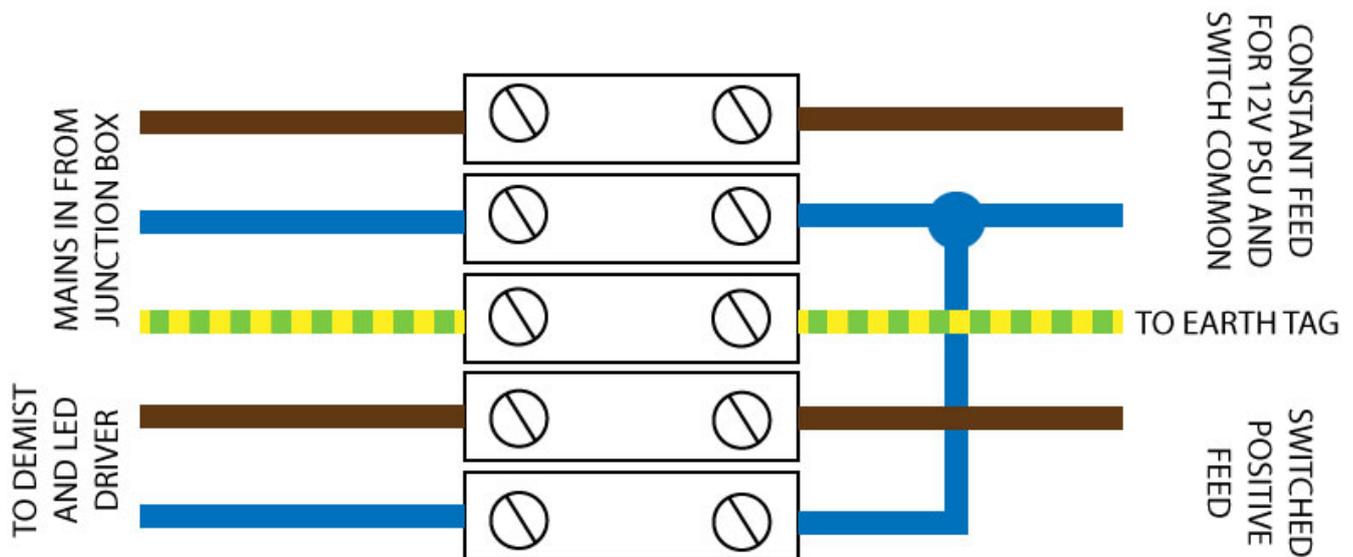
Place the case in the recess, resting on the lower edge of the cutout. Pack up the bottom of the case by 4mm for clearance. Accurately mark through the drilled holes onto the batons. Remove the case and fix the mounting screws in the batons. Test that the case enters the cut out and drops down onto the screws. It should be clear at the base and held securely to the wall. The gasket should fit snugly into the recess.



3. Wiring

Mains: Fit a mains connection block between the wall batons. Retain the mains cable supplied with the mirror and cut to appropriate length (approx 1m)

LED & Demist: The on/off proximity sensor will not be used. The LED/Demist on/off is rewired through a separate switch. This could be next to the room light switch or alternatively a pull cord near the mirror. Disconnect the LED sensor box (no longer used) from the incoming mains box and wire the new switch. See diag over. Leave trailing wire of approx 1m from the rear of the case. The cable exits through one of the rear holes, grommet supplied. Fit a terminal box between the batons wired to the external switch.



Speakers

Disconnect the inbuilt speakers and rewire to the rear of the case for ceiling or wall speakers. Leave approx 1m of cable exiting from one of the rear holes, gromet supplied. Wire to terminal blocks positioned between the batons.

We can offer an excellent range of appropriate speakers.

Aerial

Using an F connector run approx 1 m of coaxial cable to the rear of the case and terminate with F connector. Wire coaxial to an external or loft mounted DAB/FM aerial.

Rear wiring connection

Reassemble the case and glass as previously described

Stand the assembled mirror within the cable length (approx 1m) of the wall recess. Support and connect:

Mains into termination block

LED light/heater switch into termination block

Speakers into terminal block

Aerial into F connector

Lift mirror and glass into the recess, push back and drop onto the 4 hanging screws. Confirm all 4 screws engage securely.

You may wish to place beading across the gap at the top of the mirror case to prevent the mirror being lifted off its hangers.

4. Auxiliary audio input

The mirror has an auxiliary audio input, ideal for wiring in a bathroom TV or linking to a whole house system.

Wire from the 3mm Auxiliary input maked on the control board using screen audio line cable.

SPEAKER CONNECTIONS

"F" CONNECTOR FOR CONNECTION OF EXTERNAL AERIAL

MAINS FEED

SWITCHED FEED

