



REQUIREMENTS FOR RECESSING AN APOLLO ENCLOSURE INTO A WALL

To recess an enclosure, there are mandatory requirements.

1. The enclosure must be mounted using an articulating (full motion) mount.

There are two reasons for this:

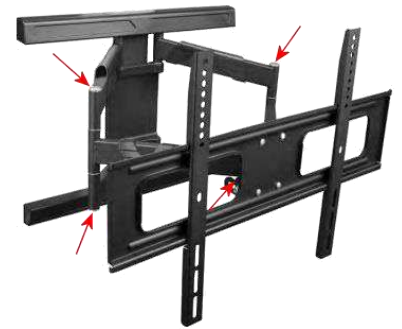
- It is impossible to hook the enclosure onto a flat wall mount when it is inside a cavity.
- If indeed it was possible to attach it to a flat wall mount, there would be no way to access the rear of the enclosure, should the user wish to remove the front cover to make any changes to the TV connections or to clean the air filters.

2. The cavity in which the enclosure is installed must be 60 mm larger than the enclosure, in both directions. This provides a 30 mm gap at the top, the bottom, and at each side. Cavity dimensions can be found below.

There are three reasons for this:

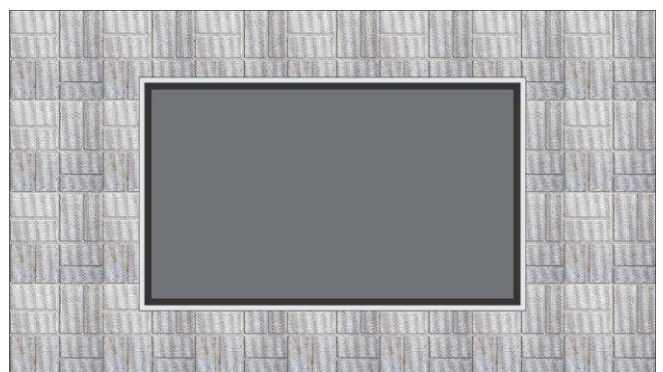
- The enclosure contains fans which provide ventilation for the TV. The top and bottom gaps allow for the required airflow. If this airflow is restricted, the TV will overheat.
- The TV audio comes through the air intake vents in the bottom of the enclosure and without the gap the user would hear no audio.
- The gaps at the sides allow the user to pull the enclosure out, should they require to access the interior.

3. If the front of the enclosure is to be flush with the surface of the wall, the cavity must be at least 220 mm deep. For the DS 8680 enclosure this measurement is 280 mm.
4. The wall must be constructed so that, with the cavity cut into it, it has sufficient strength to support the weight of the TV and the enclosure. Enclosure and TV weights can be found in the relevant product brochures. We recommend the engagement of a structural engineer or builder to design the wall.
5. The mounting bracket should be attached toward the top of the enclosure, rather than the centre. This minimizes the potential for the enclosure to tilt down over a period of time. Whilst such tilting is not an issue with an enclosure mounted on the surface of a wall, even a few degrees of tilt is unattractive when the enclosure is mounted with the front flush with the surface.
6. Loosen the four bolts in the bracket to allow more fluid movement of the enclosure. See picture. Only loosen them enough to allow movement, do not over-loosen.
7. A flush mounted power outlet is to be located behind the bottom half of the enclosure, clear of the mounting bracket. The face of the plug which is attached to the enclosure power cable must not protrude more than 60 mm from the surface of the wall. The same requirement applies to an ethernet outlet if it is required.



Required hole sizes:

DS4239	1178 mm x 797 mm
DS5550	1384 mm x 869 mm
DS6560	1613 mm x 996 mm
DS7570	1816 mm x 1099 mm
Depth	220 mm minimum
DS8680	2093 mm x 1270 mm
Depth	280 mm minimum



If further information is required or you have any questions, please contact David Ramsay, Technical Director, Digi Screens Ltd, david@digiscreens.co.nz, or phone +64 274921236