



MOUNTING INSTRUCTIONS GUIDE

**Using Integrated Mounting Guides, Pre-drilled Holes or Attach Brackets
For Picture Frame and Flat Radome Antennas**

CONTENT

How to Use Integrated Mounting Guides and Pre-drilled Holes	Page 03
How to Attach Brackets to Picture Frame and Flat Radome Antennas	Page 09
How to Attach the Adhesive VESA Backplate for Small Antennas	Page 13

How to Use Integrated Mounting Guides and Pre-drilled Holes

Mounting Instructions

This document demonstrates step-by-step how to flush mount the antenna models **with both a formed and flat radome** using screws.

Some models with formed radomes include drill guides shown in [Fig. 1], which **can be drilled through** without damaging the antenna. Models without drill guides on the radome have pre-drilled holes on the rear of the antenna to be used as guides [Fig. 2].



Fig. 1

Fig. 2

Required Tools

1 x Antenna model with flat or formed radome

1 x Electric drill

1 x Drill bit suitable for antenna specific max. THRU hole size

1 x Driver bit

4 x Screws

THRU hole size per antenna model:

Antenna name	Max. THRU hole size	
	Flush Mount	Bracket mount
B6031	5.5 mm	4.5 mm
A7030C	6 mm	4.5 mm
A1030	4 mm	4.5 mm
A5060	4 mm	4.5 mm
A8060	6 mm	NA
A8065	6 mm	NA
A1115	4.5 mm	4.5 mm
A1130	4.5 mm	4.5 mm
A1163	4.5 mm	4.5 mm



Drill a Pilot hole – Formed Radome

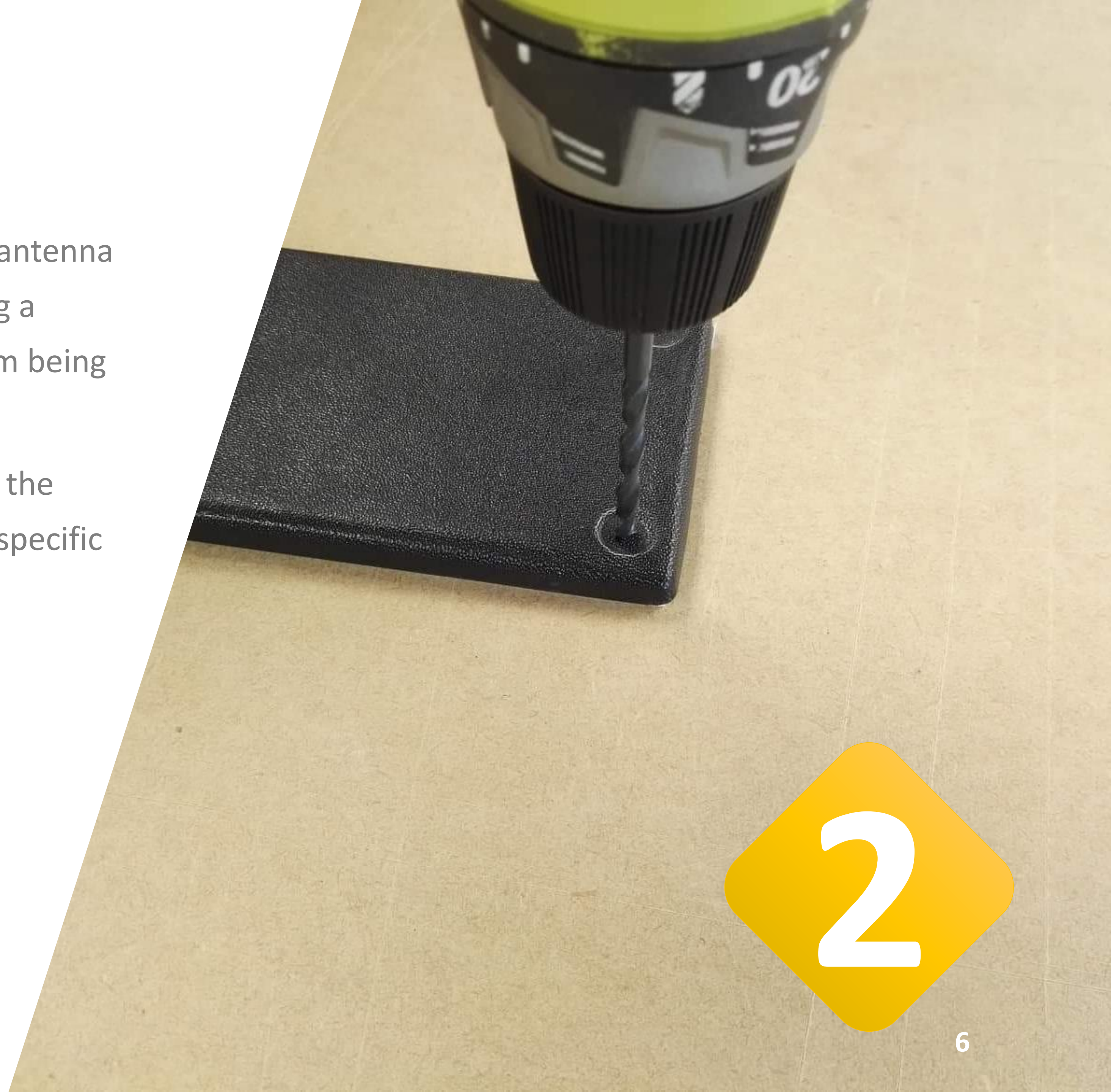
Place the antenna on a flat surface to prevent the antenna from bending in the process. We recommend using a sacrificial piece of wood to protect the surface from being damaged by the drill bit.

Position the drill bit on the dimple in the corner of the antenna. Refer to the table on page 3 for antenna specific max. THRU hole size.

Drill through carefully.



Drilled
through
pilot hole

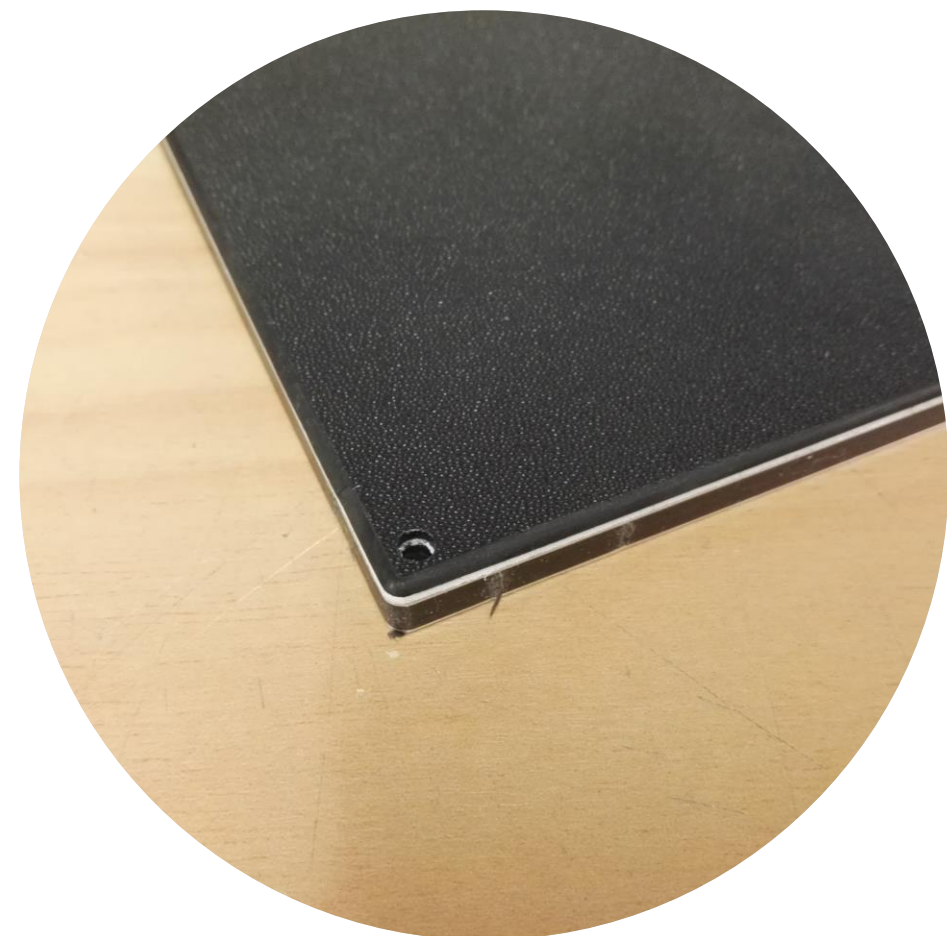


Drill a Pilot hole – Flat Radome

Place the antenna on a flat surface to prevent the antenna from bending in the process. We recommend using a sacrificial piece of wood to protect the surface from being damaged by the drill bit.

Position the drill bit inside the hole that is pre-drilled on the rear of the antenna. Refer to the table on page 3 for antenna specific max. THRU hole size.

Drill through carefully.



Drilled
through
pilot hole



Flush Mount the Antenna

Exchange the drill bit with the driver bit.

Hold the white ACM-side of the antenna against the surface, where it is intended to be mounted.

Place the screw in the pilot hole and screw it in as required.



How to Attach Brackets to Picture Frame and Flat Radome Antennas

Mounting Instructions

This document demonstrates step-by-step how to attach a bracket to antenna models **with both a Picture Frame and flat radome** using screws.

Some models with flat radomes include drill guides on the rear of the antenna which **can be drilled through** without damaging the antenna. For instructions please refer to page 3 of this document.





Fig. 1



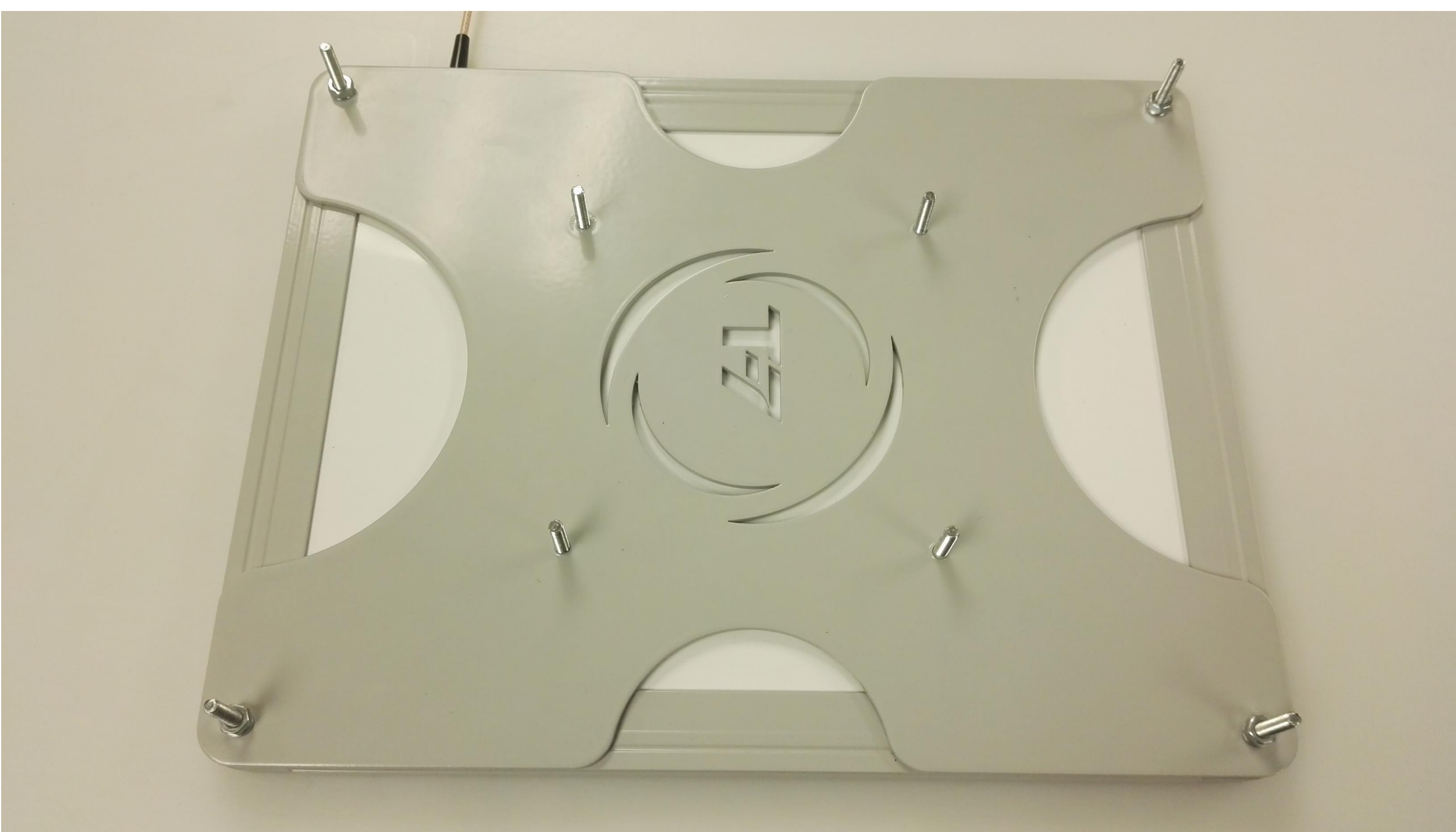
Fig. 2



Fig. 3



Fig. 4

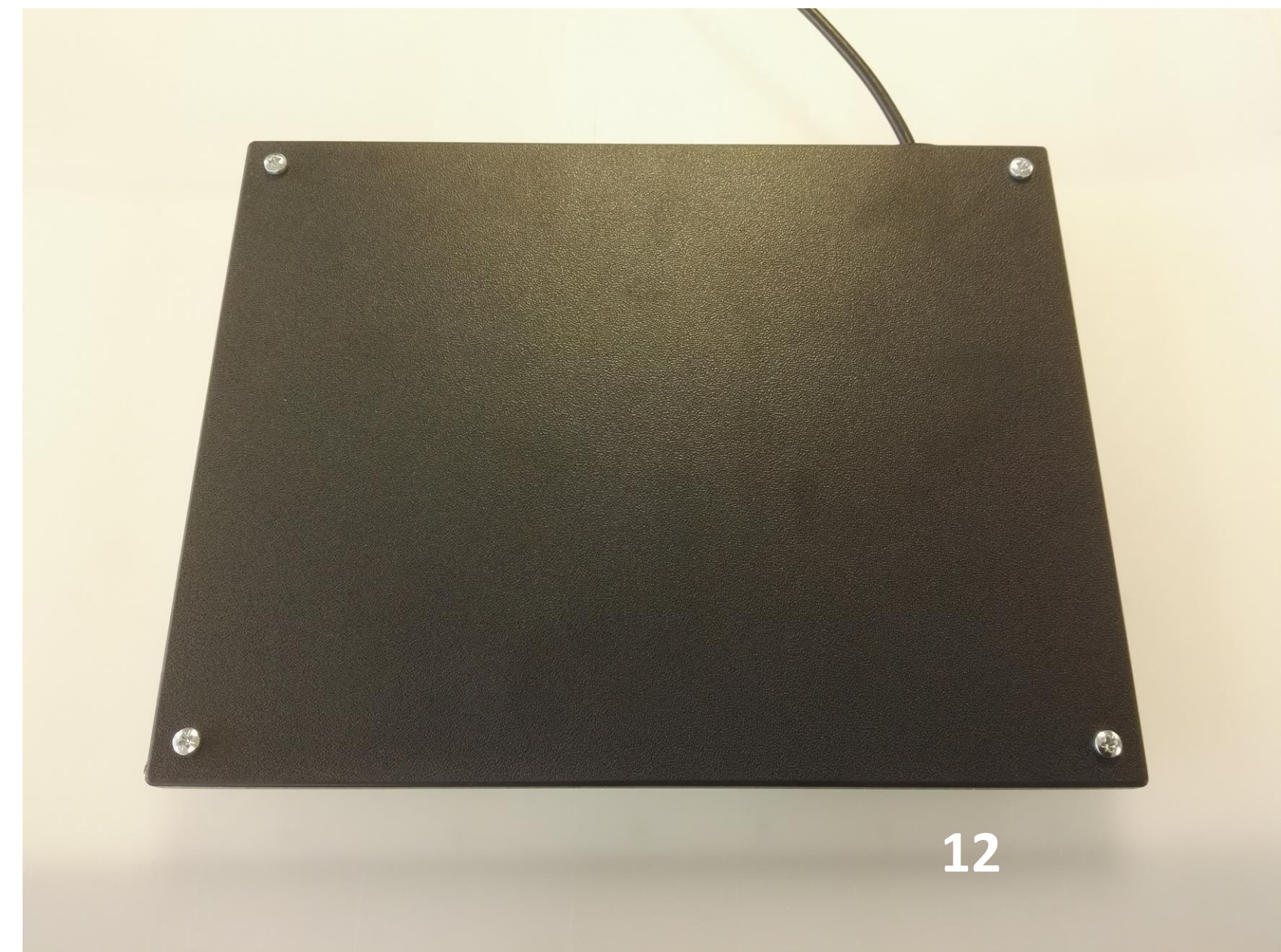


Attach Bracket – Picture Frame Antenna (A4030C/L, A6031, A6032, A6034, A6034S)

- Using the supplied M4 mounting screws, secure the bracket to the antenna using a nut and spring washer as shown in Fig. 1-3.
- Tighten screws until the spring washers are flat, but take care not to over tighten
- Plastic caps can then be used to cover the tops of the screws as shown in Fig. 4.

Attach Bracket – Flat Radome

- Antennas with a flat radome must be pre-drilled first using a 4mm drill bit.
- Use the pre-drilled holes on the back of the antenna as a guide to drill through the radome.
- The bracket can then be attached to the antenna in the same way as the picture frame antennas (page 10), with care being taken to not overtighten the screws.



How to Attach the Adhesive VESA Backplate for Small Antennas

Required Parts

- The antenna to be used
- An adhesive VESA mounting plate
- Isopropyl alcohol
- Cleaning cloth
- Scalpel



Clean surface with IPA

Using a clean cloth, use isopropyl alcohol to briefly but thoroughly clean the antenna surface that is to be adhered to.

Ensure all dust, debris and any grease or oil marks are removed as these may prevent the mounting plate from adhering firmly.



1

Remove film and check for bubbles

Carefully inspect the surface for any bubbles that may have formed under the surface of the adhesive as they may prevent a strong bond.

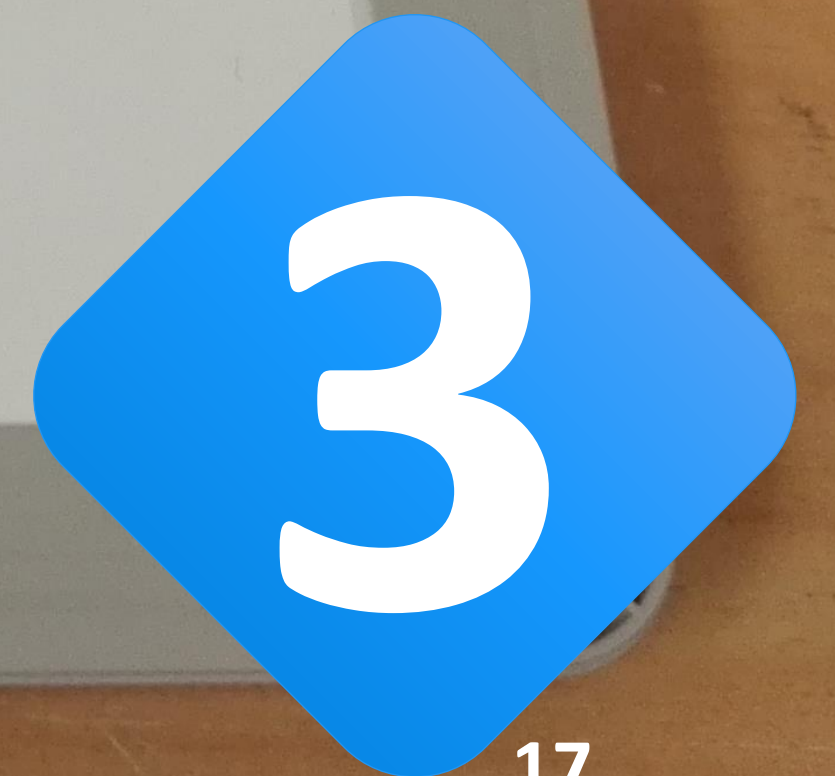
Using the tip of a scalpel blade, pierce any bubbles. This is best done when the red film is still applied, so that the pierced bubbles can be pushed out without making contact with the adhesive surface.



Attach the bracket to the antenna

Remove the red protecting film. Using firm and even pressure, apply the backplate to the **center** of the antenna surface. Maintain firm pressure for 30 seconds to ensure a strong bond.

Allow the adhesive to settle for at least 10 minutes before being fitted to a bracket, in order to give the adhesive time to form a secure bond.



Contact our Customer Support

Feel free to contact us with any questions.
We are happy to help.

Call us +64 4 9746566

or write an Email to sales@times-7.com

