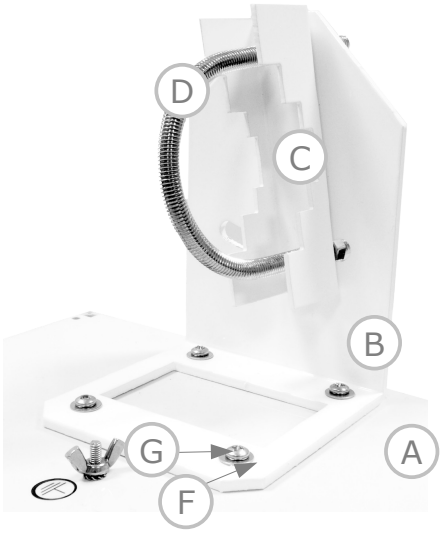
MikroTik Big outdoor case

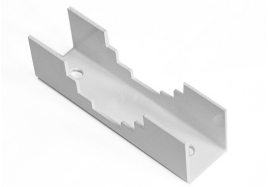
Installation Guide

The outdoor case is shipped with the following parts that should be used to mount it on a mast:



Item A (1 pc.). case

Item B (1 pc.). Bracket for adjusting tilt.



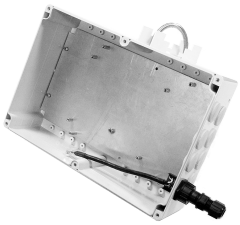
Item C (1 pc.). Clamp for securing the case on the mast.

Item D (1 pc.). U-bolt to press mast to the Clamp

Item E (6 pcs.). Nut M8.

Item F (6 pcs.). Washer M8 to be used with the Nuts.

Item G Selfscrew



Item H Backplate

Item I Screw

Item J Spacer

1. First, attach the spacers **J** to the mounting plate **H** by using the screws **I** on the other side. Spacers will be used to secure the chosen RouterBOARD model to the backplate. Look at the chosen RouterBOARD model mounting holes when deciding the layout of spacers
2. Install the backplate into the case, by using the provided smaller screws **I**, close the case with provided screws.
3. Secure the Bracket **B** on the case body **A**, using Selfscrews **G** and Washers **F**. The Bracket may be placed four different ways depending on the desired positioning.
4. When installing the device on a mast, put the Clamp **C** on top of the Bracket **B** connecting them with the U-bolt **D**, facing the Clamp with the carved side against the Bracket (like shown on the picture), so that the mast would be held between the Clamp and the U-bolt. This joint can be used for tilt adjustment.
5. Secure the mast by tightening Clamp with Nuts **E** and Washers **F** reliably on the opposite to the Clamp side of the Bracket to prevent the device shift/rotate in high wind.

Notes:

Note that it is recommended to use Washers **F** beneath nuts to increase adhesion. It is recommended to wrap the mast with a rubber tape under the mounting assembly to increase adhesion.

Grounding

The installation infrastructure (towers and masts), as well as the device itself (there is a small screw with a wing nut on the case with a sticker identifying chassis grounding), must be properly grounded, and lightning arrestors must be installed on all external antenna cables (near the antennas or on the antennas themselves) to prevent equipment damage and human injury. Note that lightning arrestors will not have any effect if not grounded. Note also that damages caused by static electricity and lightning are not covered by warranty.

Use 1 AWG wire with corrosion-resistant connectors for grounding. Be sure to check that the grounding infrastructure you use is indeed functional (as opposed to decorative-only grounding present on some sites).