



## MS-MBA-8 **RET Operation Manual**



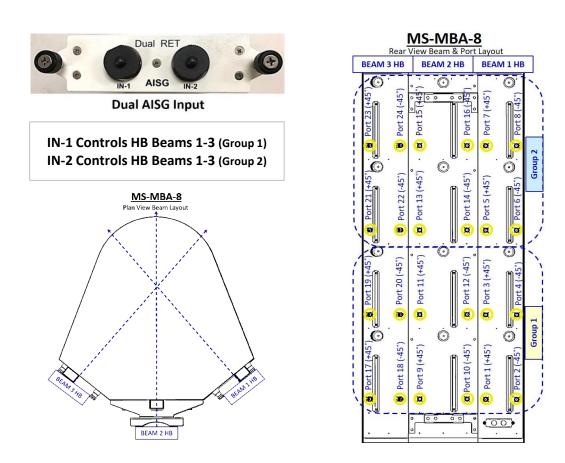


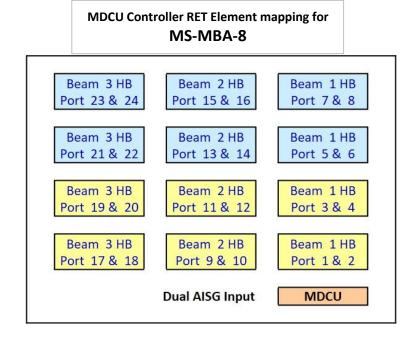
**EMAIL**: <u>Info@matsing.com</u> **WEBSITE**: <u>www.matsing.com</u> **PHONE**: (949)585-5144



Date: 30 July 2022 MS-MBA-8 RET Operation Manual (Rev.03) The <u>MS-MBA-8</u> antenna comes standard with an MDCU Controller and 12 motorized RET elements. Each motorized RET element control 2 ports +45/-45 of the respected beam.

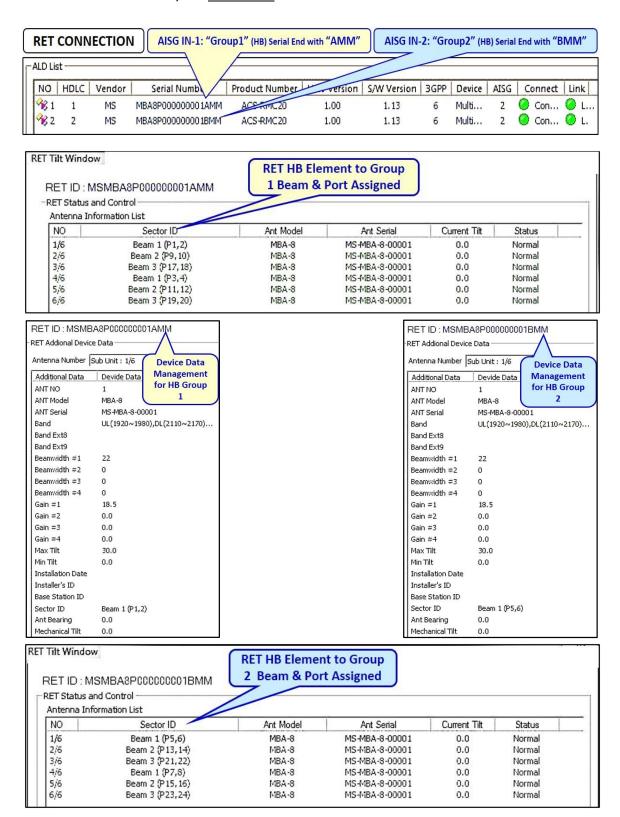
Factory default firmware for the MDCU Controller is MRET (Type 17), however SRET (Type 1) is available upon request.





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A standard **AISG 2.0** compliant cable (not included) is used to connect the **MDCU to the AISG interface control.** Once connected, use an **AISG 2.0** compliant Control software to perform a **Sub Unit SCAN** to identify the **MS-MBA-8** RET Elements.



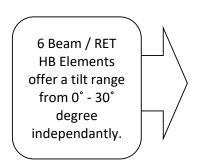
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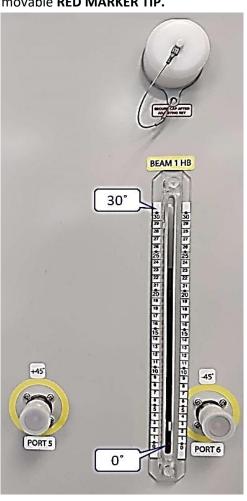
## Calibration:

Prior to use, RET Element calibration is required.

Re-Calibration is also required if manual mode was used at any point to adjust tilt During calibration, the RET Element will use an Upper & Lower har-stop to calibrate 0°-30° (HB) Degree range.

The current degree of tilt is indicated by the movable **RED MARKER TIP.** 





## **Manual Mode**

The MS-MBA-8 antenna offers a manual override option.

Step 1:

Unscrew/Screw the cap for tilt adjustment process



Step 2:

Engaged with internal RET Motor position



Step 3:

Pull handle out to disengaged RET for tilt adjustment

