AIR-T Enclosure Kit Installation Instructions

1 AIR-T ENCLOSURE KIT CONTENTS

- 1 x AIR-T enclosure housing with power button and exhaust fans installed
- 9 x MMCX to SMA Cables
- 1 x zip tie to secure power cables
- 4 x M3 hex-drive screws to secure AIR-T board to enclosure (likely mounted on internal standoffs)
- 4 x Aluminum standoffs

- 4 x Rubber feet, 4 x M3 long screws, and 4 x shock absorbing pads

2 MOUNTING THE AIR-T IN THE ENCLOSURE

1. If a heatsink was provided, peal the sticker off the bottom side of the heatsink and mount it to the GPU module as shown in the figure below. Use the provided screws to attach.

2. Using the provided M3 screws mount the AIR-T PCB in the enclosure base as shown in the following figure

3. If not already done, install the fan assembly into the enclosure base

4. If not already done, install the power button into the enclosure base

5. Connect the Red/Black cable from the power button to J6 with the Red lead connected to the dot on the solder mask

6. Connect the Red/Yellow cable to CR2 with the Red lead connected to the dot on the solder mask.

7. When finished the power button cable assemble should look like this:

8. Connect the fan cable to J44 as shown in the figure and secure the fan cables and power button cables together with the provided zip tie:

9. Connect all of the SMA to MCX cables to the enclosure, then to the AIR-T, one-by one until all 9 cables have been installed.

10. If desired, install the BlueTooth and WiFi reverse polarity SMA to MMCX cables. These are not included in the kit and may be purchased.

   ● Cable Assembly Coaxial U.FL (UMCC), IPEX MHF4 to RP-SMA Female to Male Coaxial Cable (20cm), PulseLarsen Antennas, Part Number W9037BD0200.

11. Stick the shock absorbing pads over the screw holes on the bottom of the enclosure.

12. Place the mounted and assembled AIR-T enclosure upside down in the external housing and insert the aluminum standoffs between the enclosure and external housing.

13. Screw on rubber feet with the provided M3 long screws.

14. Now plug in the AIR-T, ensure that the power button lights up blue, and that the exhaust fans are powered.

15. Enjoy your GPU enabled SDR!