



HD-S2A Hughes ODU Operation (Avanti Broadband)

This guide is for the operation of Hughes ODU hardware supplied by Avanti Broadband. The Horizon HD-S2A is a modification of the existing HD-S2 satellite meter. This revision features additional hardware and updated firmware that supports the 25 MHz tone insertion for polarisation control. The HD-S2A model can be identified by observing the start-up animation when the meter is switched on, the Horizon logo should appear as hollow text with HD-S2A beneath it in bold text, and the last line of the display should show “HDSM-USB S2A” as illustrated below. The serial label above the battery door and on the box should also have “HD-S2A” clearly visible.



Start up LCD

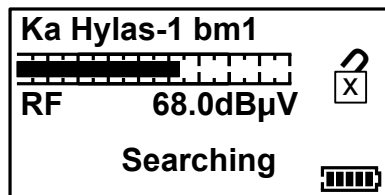


Serial label

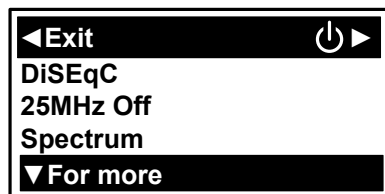


Box label

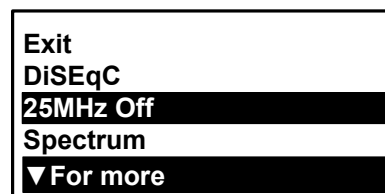
Manual 25 MHz Insertion (polarity selection for Avanti Hughes assemblies).



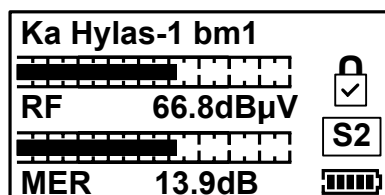
Select the required beam from Hylas-1 from the VSAT list on your HD-S2A meter.



Select the sub menu by pressing the off button once.



Toggle the 25MHz on or off by using the right arrow button, and then exit the menu by returning to the top of the menu.



This display illustrates the locked condition.