

Sigtronics Transcom III

RADIO RECEIVE ADJUST

This modification is to address the problem of low aircraft radio receive volume in the headsets when the Transcom III is switched "ON". The other symptom is that the volume is louder when in the "OFF" mode. This needs to be done if the intercom is tied to an aircraft radio that has a low output impedance such as a hand held or portable radio or a radio with low receive output power.

A small adjustable potentiometer is provided inside the unit to adjust the radio receive volume level. It is accessible by first removing the battery door and the cigarette lighter power cord if used. Then remove the 4 screws on top of the chassis box (see Figure 1), and gently lift the panel up to expose the adjustable potentiometer (see Figure 2).

Use a small blade screwdriver to make the adjustment. Clockwise rotation increases the radio receive level. Counter-clock-wise rotation decreases the level. The adjustment is best made with all headsets plugged in. Typically set it so that the receive volume level in the headsets is the same when the unit is ON as when the unit is OFF. You may have to set it higher if the radio has very low radio output level. (The default factory position is adjusted to slightly less than midpoint rotation for standard aircraft radios).

Note: Be sure to replace the unit in the chassis box, the battery door, and secure the screws when you have completed the adjustment.

Figure 1

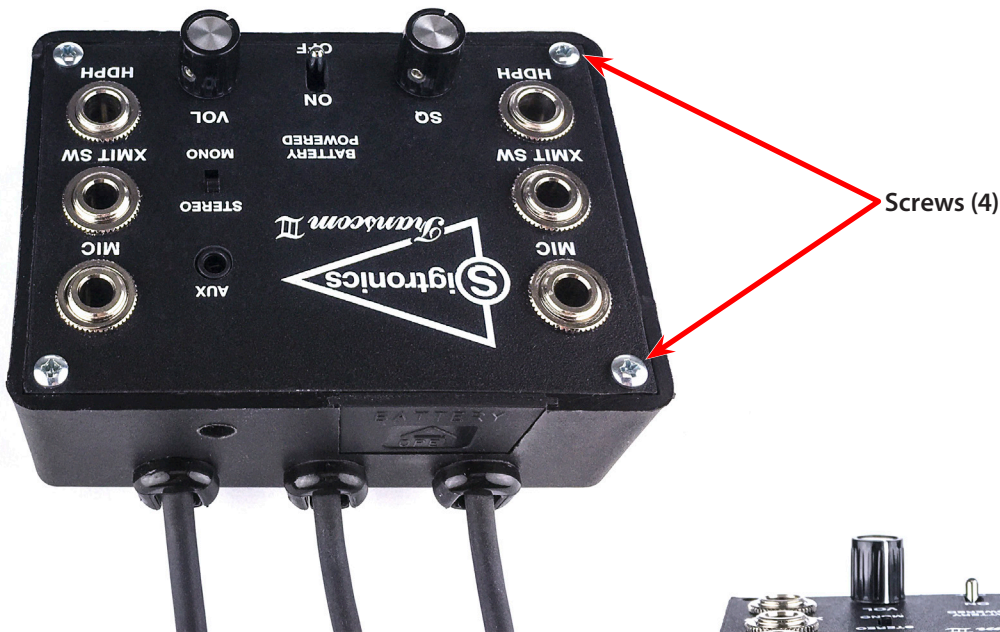
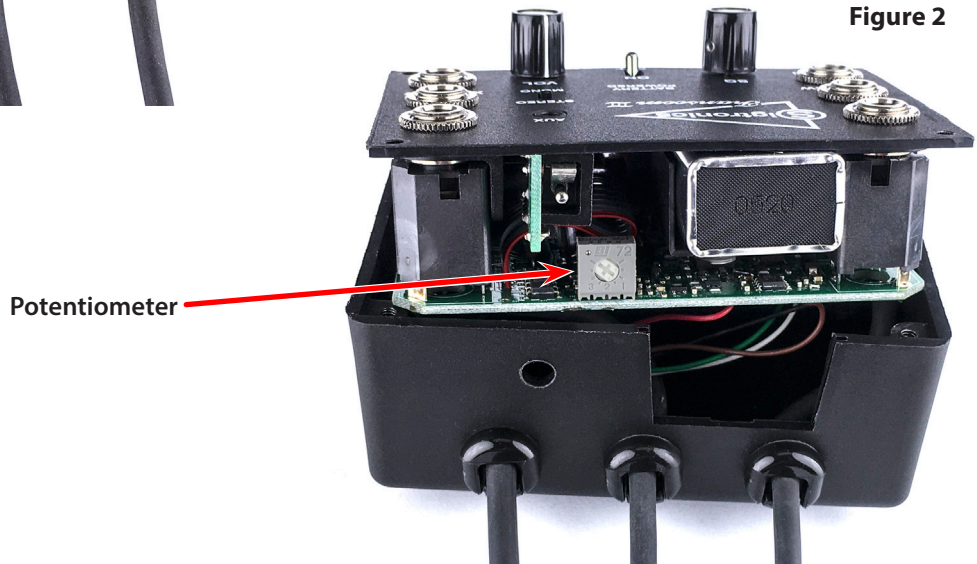


Figure 2



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