

ASX-16C/D Channel Module Removal Instructions

It may be necessary to remove a channel module to send back to Matrix for repairs. The ASX-16C/D unit can be used with a missing channel module, however the RF connections need to be jumped. The following instructions explain how to remove a channel module and jump the RF connections.

Step 1: Power off unit.

Step 2: Remove the four screws on each side of the front panel and carefully pull out the rack. (Pic. 1 & 2)

PULL ONLY ONE RACK OUT AT A TIME

Note: If rack does not easily slide out, ensure that all cables inside unit are freely moving.

Step 3: Locate the channel module that needs to be removed. Both the white (Modulation) cables and the silver (RF) cables need to be disconnected with the supplied wrenches. There are 2x of each type of cable connected to each module. Use care and two wrenches to prevent damage to the SMA connectors. Pull cables away from connectors to allow room for module removal. (Pic 5 & 6)

Step 4: Pull out the Red, Orange and Ground wires from the pins on the back of the module. (Pic. 6)

Step 5: Remove the 4x screws holding the top bar securing the back of the modules. (Pic. 7)

Step 6: Remove the two screws in front panel holding the module in place. Lifting on the top bar with one hand, carefully lower the module down from the rack to remove it. (Pic. 8)

Step 7: Disconnect the now un-connected cables from the adjacent module and use the 4" or 5" cables from the supplied kit to "jump over" the missing module. The lower frequency filters are smaller than the higher frequency. Use a long enough cable to ensure the RF cables are not sharply bent. (Pic. 9 & 10)

Reverse this process to replace the channel module once it has been repaired.

