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TECHNICAL · SERVICE BULLETIN 2018 - #02

CREATE LINE ☑
ENJOY LINE ☐

RELEASE DATE: SEPTEMBER 1, 2018
SUBJECT: TWEETER-CHANGE PROCEDURE
MODELS: ACROSS ALL PRO-AUDIO MONITOR UNITS

REMARKS: TWO18 MONITOR USED IN DEMO. PROCEDURE APPLIES TO ALL MODELS.

STEP 1: Place the monitor(s) on a flat, padded surface so that the rear of the monitor(s) with the passive radiator(s) are facing up.

STEP 2: Remove the hex-screws from the radiator (lower one in **TWO** Series) and the back panel with speaker cable connectors.

The rear-side of the Tweeter can then be seen. The Tweeter is connected to the cabinet with a metal panduit.

In left-hand-side picture, you can see the Tweeter attached with a bracket to the waveguide.

★ Be mindful of the felt ring between the driver and the enclosure. In the case of the **TWO** Series, remove the white wadding in the middle partition.

STEP 3: Loosen the wing nut so that you can move the bracket to one side.

There is a U-shaped groove on one side of the bracket that allows it swing to the side when the wing-nuts are loosened – so that there is no need to fully remove these wing-nuts.

STEP 4: Carefully lift the non-functional Tweeter from the waveguide and extract it from the enclosure.

STEP 5: Disconnect the two wires from the old Tweeter - simply pull it gently away from the connectors.

STEP 6: Insert the replacement tweeter in the slot. Ensure that the Tweeter fits securely into the grooves on the waveguide.

STEP 7: Swing the bracket back into place and then tighten the wing nuts.

STEP 8: Re-attach the wires to the Tweeter. One of the spade connectors is a different size to the other, so it's not possible to attach it in incorrect position. If desired, re-attach the wires when the Tweeter is outside the enclosure, but do not lower the Tweeter back into the enclosure while holding the wires, as the magnet from the Woofer could attract it and damage the Tweeter.

STEP 9: Re-insert the back panel with the monitor connectors. Replace the felt O-Ring in the groove for the passive radiator so that the O-Ring holes align with the screw holes and replace the passive radiator.

STEP10: Replace all the hex-screws and tighten them down. Be careful not to over-tighten the hex-screws.

SPECIAL NOTE: Torque setting used at the Amphion factory are based on the **Makita DF030D**. For radiator screws, Amphion uses a **TORQUE 10** setting (Scale: TORQUE 1 to 18, with 18 = max. torque of 24Nm for this Makita model). The torque for the radiator is 7Nm (or **TORQUE 5** setting).