

Route 66 Mod:

Reroutes signal path so that M25 section is driven from M44 sub crossover output, M44 rear section is driven from M44 rear inputs. Changes input to M44 sub crossover so that left channel is driven from left rear input. Intended to support installation where M44 front and rear channels are bridged to drive highpass channels, M25 set up to drive subwoofer.

Changes:

1. Move bare wire jumpers installed in location S2 from front sets of pads to rear sets of pads. This routes the M44 rear crossover outputs into the M44 rear amp channels.
2. Rewire twisted pairs carrying signal to M25 section so that they're fed from the output of the M44 sub crossover. This is easily done by soldering the red wires into the outer pair of pads at location S2 (where the bare wire jumpers used to reside). Leave the black wires soldered to the big ground trace.
3. Move R503 (10k) to location R504. This selects the M44 rear left RCA input as the signal source for the left sub crossover channel. Source for sub crossover right channel remains front right RCA input.

Variation:

Customer desires to drive M44 Front and Rear sections as bridged right and left channels respectively, signal being applied to Front RCAs only. Desires that M25 sub channels be driven from M44 sub crossover whose input is connected to M44 Rear RCAs. In this setup, the left (bridged M44 Rear), right (bridged M44 Front) and sub channels can all be driven by simply making input to the M44 Front RCA jacks, as the switching RCA jacks used for M44 Rear input will feed signals through from the Front RCA jacks by default.

Modifications are as above but with the following additional steps:

4. Lift ends of R102, 202 connected to M44 Rear RCA inputs. Tie these resistor leads together and connect to Front left RCA input.
5. Lift end of R302 connected to Front left RCA input, connect to Front right RCA input.
6. Move R515 (10k) to location R516. This selects the M44 rear right RCA input as the signal source for the right sub crossover channel. Now both sub crossover channels are driven from M44 rear input jack.

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