

Ringmodulator Calibration

You need to adjust the trimmers R22 and R24. They are used to cancel the input signal at the output. Adjust an external sine signal to about 1000Hz and 10Vpp signal level. Connect the external sine signal to input IN A and adjust R24 (CARRIER ADJ.) such that the input signal can no longer be heard or seen (if you use a oscilloscope) at the output. Repeat on input IN B and R22 (MODULATOR ADJ.).

NB! We noticed that the silkscreen for the transistor VT1 is incorrect – it needs to be rotated by 180 degrees on the PCB.