

Modification procedure AE 6080 FM from FM only into AM/FM

Albrecht 40 CH FM CB radio AE 6080 FM can be easily converted to AM/FM by exchanging resistors on the front panel PCB.

Procedure:

Disconnect power supply and open loudspeaker side of cabinet.

Modification FM only into AM/FM:

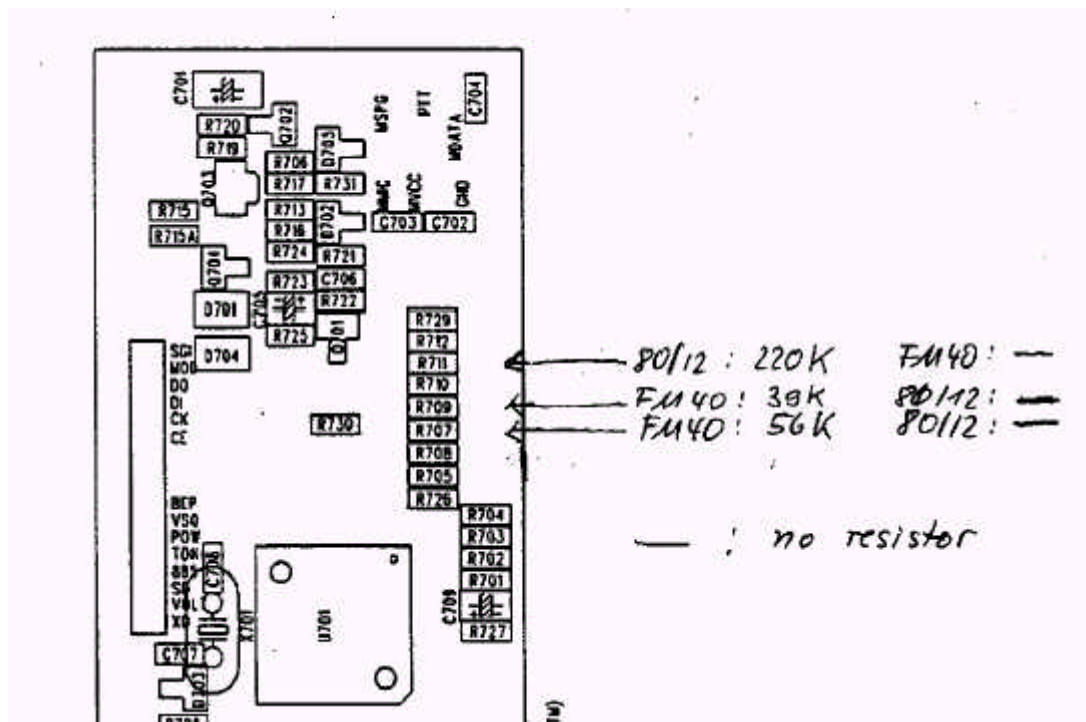
Delete resistor R 707 (56 k) This modification allows AM/FM instead of FM only.

Frequency range (40 channels) is not changed by this procedure.

If another frequency range is desired, further modification may be necessary according to following table:

40 /40	R 709	= 39 k
	R 711	not installed
80/12	R 709	not installed
	R 711	= 220 k
Extended CB	R 709	39 k
	R 711	100 k

The resistor positions can be found in one line between CPU and MIC socket on the front panel board.
The sequence is (counted from CPU to MIC socket position):



(R 726-R705-R708-R707-R709-R710-R711-R712-R729)

AE 6080 can produce 1 Watt AM or 4 Watts AM selectable because a modulation transformer is already factory-installed. There are 2 solder jumper fields on the soldering side of the main board (to be found near to Diode D 602 A / B)

It may be possible, depending on production, that the FM only version has both jumpers open as factory default value. If that is the case, please select the correct output power by soldering one of these jumper bridges.

Note: All these modifications are only legal in countries which allow AM and FM on 40 Channels and where a valid approval has been obtained. In any case, the present approval sticker of the FM CEPT version must be replaced by the appropriate approval sticker for this country.

