

TUBE-TECH ME 1B **mid equalizer**

DESCRIPTION

The **TUBE-TECH program equalizer ME 1A** contains a passive filter and a tube (valve) based amplifier to restore the loss from the filter.

The filter has a low frequency peak section with 5 selective frequencies, a mid frequency dip section with 11 selective frequencies, and a high frequency peak section with 5 selective frequencies.

The filter is placed directly after the input transformer, therefore eliminating noise from the amplifier when boosting either low- or high frequencies.

The amplifier consists of two tubes (valves) in push-pull configuration (one ECC 83 as the pre-amp, and one ECC 82 as the output stage), and an output transformer.

Both input and output are balanced (600Ω) and fully floating.

The in/out key switches the equalization in and out without clicks and changes in level, while the amplifier remain in the signal path.

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CONTROLS:

LOW FREQUENCY SECTION:

The low frequency section consists of a **PEAK** control and a **LOW FREQUENCY** switch located to the left.

PEAK: The **PEAK** control is continuously variable from 0 dB to +10 dB. It is of the bell type.

LOW FREQUENCY: The **LOW FREQUENCY** switch determines at which frequency the maximum peaking is obtained. There is a choice of 5 frequencies: 0.2, 0.3, 0.5, 0.7 and 1 kHz.

MID FREQUENCY SECTION:

The mid frequency section consists of a **DIP** control and a **MID FREQUENCY** switch located to the left.

DIP: The **DIP**-control is continuously variable from 0 dB to -10 dB. It is of the bell type.

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MID FREQUENCY: The **MID FREQUENCY** switch determines at which frequency the maximum peaking is obtained. There is a choice of 11 frequencies: 0.2, 0.3, 0.5, 0.7, 1, 1.5, 2, 3, 4, 5 and 7 kHz.

HIGH FREQUENCY SECTION:

The high frequency section consists of a **PEAK** control and a **HIGH FREQUENCY** switch located to the left.

PEAK: The **PEAK**-control is continuously variable from 0 dB to +8 dB. It is of the bell type.

HIGH FREQUENCY: The **HIGH FREQUENCY** switch determines at which frequency the maximum peaking is obtained. There is a choice of 5 frequencies: 1.5, 2, 3, 4 and 5 kHz.

IN/OUT: The in/out key switches the filter in and out of the signal path. The amplifier remains in the circuit.

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