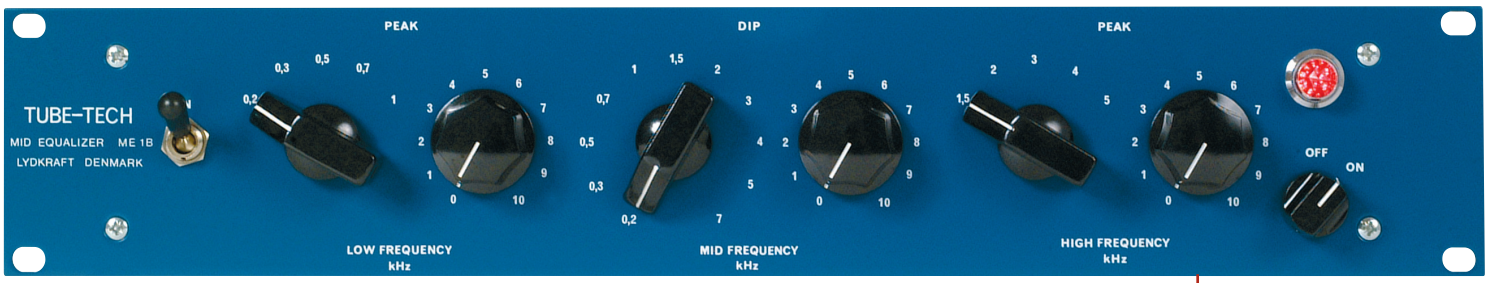
TUBE-TECH
sound engineering

MIDRANGE EQUALIZER

whenever the mid has high priority



ME 1B

The TUBE-TECH ME 1B is a passive tube based midrange equalizer developed to match and surpass the demands of even the most discerning studio engineers

Product Description

The TUBE-TECH ME 1B Midrange Equalizer contains a low frequency boost section for peaking, a mid frequency attenuation for dipping as well as a high frequency boost section for peaking.

The filter section is of the the passive type followed by a tube based push-pull amplifier to restore the gain.

Input and output are balanced as well as fully floating.

Input and output transformers come with a static screen between the primary and secondary wirings.

Product Features

- Passive equalizer
- Tube based push-pull amplifier
- 5 low frequency peaks: 0.2, 0.3, 0.5, 0.7 and 1 kHz (0 to +10 dB)
- 11 mid frequency peaks: 0.2, 0.3, 0.5, 0.7, 1, 1.5, 2, 3, 4, 5 and 7 kHz (0 to -10 dB)
- 5 high frequency peaks: 1.5, 2, 3, 4, 5 kHz (0 to +8 dB)
- Frequency response @ -3 dB: 5 Hz to 40 kHz
- Low noise: < -80 dB @ -10 dB gain
- No insertion loss
- Clickless In/Out switch

ME 1B *technical specifications*

Impedance

Input:	600 ohm
Output:	< 60 ohm

Frequency response @ -3 dB: 5 Hz to 40 kHz

Distortion THD+N @ 40 Hz

	0 dBu	< 0,15 %
	+10 dBu	< 0,15 %
Max. output:	+26 dBu	< 1 %
Max. input:	+21 dBu	< 1 %

Noise Rg=200 ohm

Unweighted:	< -80 dBu
CCIR-468-4:	< -70 dBu

CMRR @ 10 kHz: < -60 dB

Gain: 0 dB

Tubes

ECC 82	1 pc
ECC 83	1 pc

Dimensions

Height: 2 units	88 mm	3,5"
Width:	483 mm	19,0"
Depth:	170 mm	6,7"

Weight

Net:	3,8 kg	8,4 lbs.
Shipping:	5,6 kg	12,3 lbs.

Power requirements

@ 115 V/230 V, 50-60 Hz:	22 W

Notes

All specifications @ R_L=600 ohm
Lydkraft reserves the right to alter specifications without prior notice

Dealer

ersgard laursen

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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LYDKRAFT ApS
Mose Allé 20, DK2610 Rødovre
Denmark

SPECIFICATIONS for TUBE- TECH ME 1B

Impedance

Input:	600 Ohm
Output	<60 Ohm

Frequency response @ -3dB 5 Hz to 40 Hz

Distortion THD+N @ 40Hz

	0 dBU	0,15 %
	+10 dBU	0,15 %
Max. output:	+26 dBU	<1 %
Max. input:	+21 dBU	<1 %

Noise Rg=200 Ohm

22 Hz-22 kHz	< -80 dBU
CCIR-468-4	< -70 dBU

CMMR @ 10 kHz < - 60 dB

Gain 0 dB

Tubes

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ECC 83	1 pc

Dimensions

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