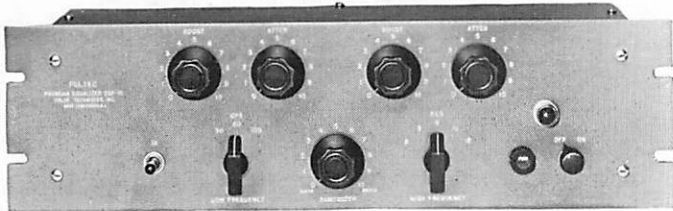


PROGRAM EQUALIZER

PULTEC

MODEL EQP-1



Now —

USED

TO

IMPROVE

By major broadcasting networks, record companies and recording studios...

add that "final touch" to the balance of good program material, and to greatly

the quality of program material previously recorded on equipment of inferior quality or differing characteristics.

The wide range of equalization curves provided makes it possible to boost the very low or very high frequency notes of the orchestra without "muddying up" the middle register instruments. Separate boost and attenuate controls permit boosting on any high frequency while attenuating on a 10 kc shelf curve. Continuously variable controls allow variation of the amount of equalization on sustained tones without steps in level, or noise. All controls are clickless and a key permits cutting the equalizer in and out on cue.

The high quality and flexibility of the EQP-1 also provides a wide range of usefulness in electronic and acoustic research and control.

NO LOSS: Passive equalizer plus push-pull amplifier.

VERSATILE:

3 low } **Boost** frequencies.
5 high }

3 low } **Atten** frequencies.
1 high }

SHAPE CONTROL:

High boost curves variable sharp to broad.

PROFESSIONAL:

600, 250 and 150 ohms in and out.

0.15% distortion at +10 dbm.

Noise 92 db below +10 dbm.

DIMENSIONS: 5 $\frac{1}{4}$ " x 19".

Depth behind panel 7 $\frac{3}{4}$ ".

MOUNTING: Standard RTMA rack mounting.

FINISH: Pultec blue-gray baked enamel.

Engraved lettering.

NET WEIGHT: 15 pounds.

Specifications

Toroid coils, Peerless audio and Chicago power transformers used for low noise and distortion and high dependability.

30, 60 and 100 cps shelf boost — 0 to 13.5 db.

30, 60 and 100 cps shelf attenuate — 0 to 17.5 db.

3, 5, 8, 10 and 12 kcs peak boost — 0 to 18 db.

10 kcs shelf attenuate — 0 to 16 db.

Separate low and high frequency boost and attenuate controls, continuously variable to permit stepless adjustment on sustained notes.

Separate low and high frequency selector switches.

Licensed under patents of the Western Electric Company

IN-OUT KEY: Switches equalizer "in" and "out" without changes in level, or clicks.

NOISE: 92 db below +10 dbm.

DISTORTION: 0.15% at +10 dbm in and out level.

LOSS: None. Insertion loss restored by amplifier.

INPUT IMPEDANCE: 600, 250 and 150 ohms, balanced/unbal.

LOAD IMPEDANCE: 600, 250 and 150 ohms, balanced/unbal.

AMPLIFIER

POWER REQUIRED: 117 volts, 50/60 cps, 25 watts.

TUBES: 1 each 12AY7, 12AU7, 6X4 included.

CIRCUIT: Push-pull, transformer in and out, 20 db feedback.

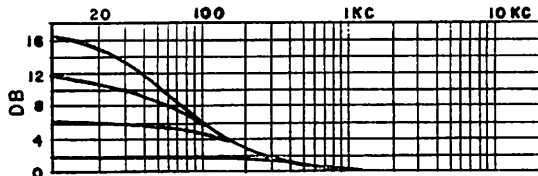
PULSE TECHNIQUES, INC.

1411 PALISADE AVE., WEST ENGLEWOOD, NEW JERSEY

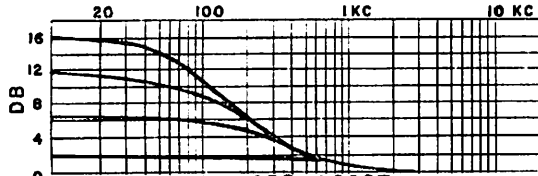
TEANECK 7-2575

PULTEC PROGRAM EQUALIZER

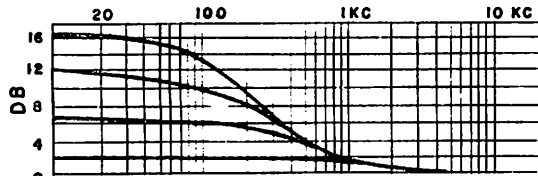
MODEL EQP-1



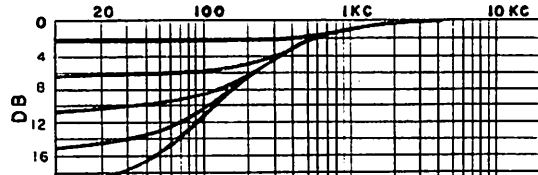
30 CPS BOOST



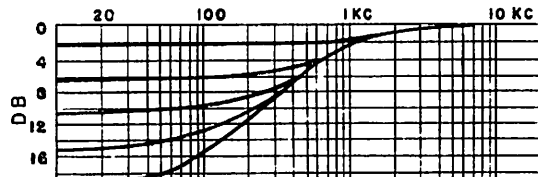
60 CPS BOOST



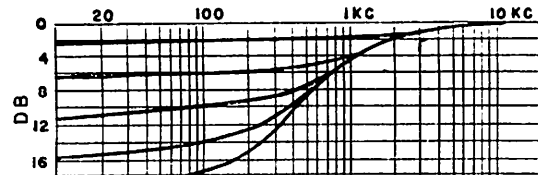
100 CPS BOOST



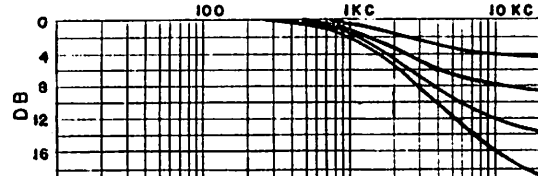
30 CPS ATTENUATE



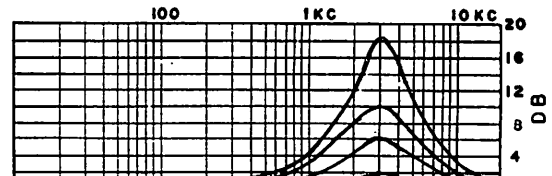
60 CPS ATTENUATE



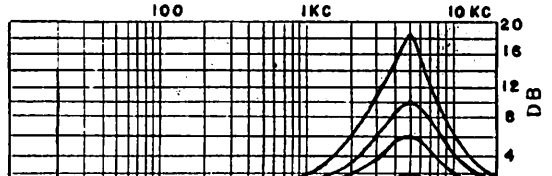
100 CPS ATTENUATE



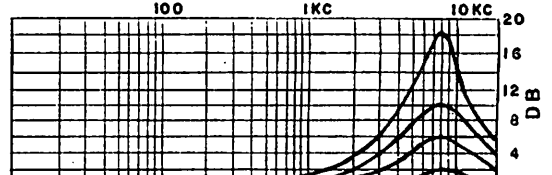
10 KC ATTENUATE



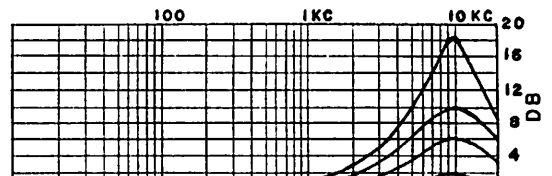
3KC SHARP PEAK BOOST



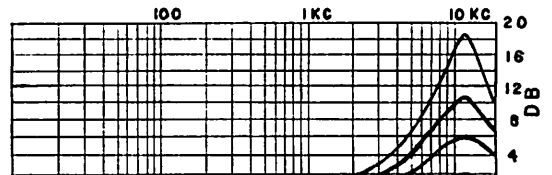
5KC SHARP PEAK BOOST



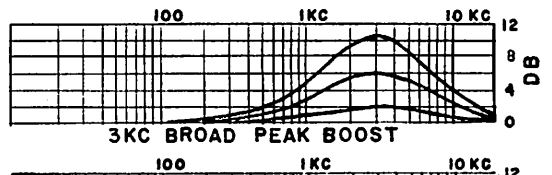
8KC SHARP PEAK BOOST



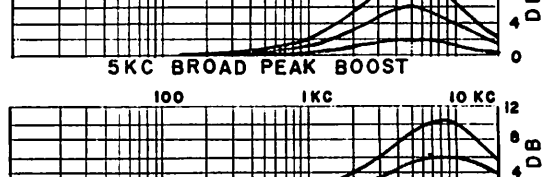
10 KC SHARP PEAK BOOST



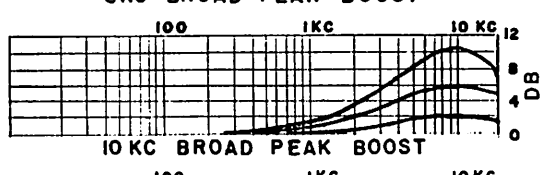
12 KC SHARP PEAK BOOST



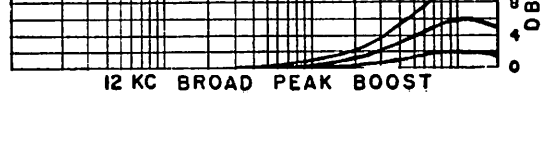
3KC BROAD PEAK BOOST



5KC BROAD PEAK BOOST



8KC BROAD PEAK BOOST



10 KC BROAD PEAK BOOST



12 KC BROAD PEAK BOOST

The boost, attenuate and bandwidth controls are continuously variable. Therefore, the curves in the above families represent typical settings, not steps.