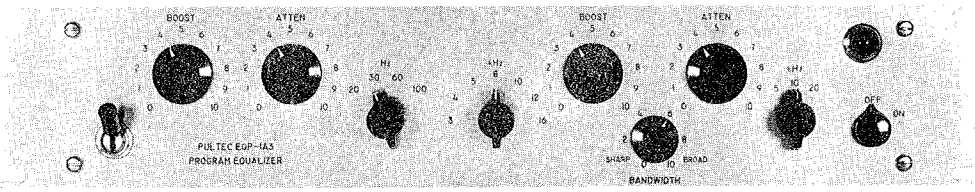
PULTEC® PROGRAM EQUALIZER

Solid State

MODEL

EQP-1A3



USED *BY RADIO STATIONS, RECORD COMPANIES AND RECORDING STUDIOS . . .*

TO *ADD THAT "FINAL TOUCH" TO THE BALANCE OF GOOD PROGRAM MATERIAL, AND TO GREATLY*

IMPROVE *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. Continuously variable controls permit changing the amount of equalization on sustained tones without steps in level, or clicks. A key permits cutting the equalizer in and out on cue.

NO LOSS: **Passive equalizer** plus operational amplifier

VERSATILE:

4 low
7 high — **Boost** frequencies

4 low
3 high — **Attenuate** frequencies

SHAPE CONTROL:

High boost curves variable sharp to broad.

IN-OUT KEY: Switches equalization in and out without clicks.

Specifications

PEAK BOOST: 3, 4, 5, 8, 10, 12, 16 kHz; 0 to 18 dB.

SHELF ATTENUATE: 5, 10, 20 kHz; 0 to 16 dB.

SHELF BOOST: 20, 30, 60, 100 Hz; 0 to 13.5 dB.

SHELF ATTENUATE: 20, 30, 60, 100 Hz; 0 to 17.5 dB.

NOISE: Below −80 dBm.

DISTORTION: 0.15% at +10 dBm into 600 ohms.

PANEL SIZE: 3½ x 19 in. Depth behind panel is 7½ in.

PANEL FINISH: Brushed aluminum satintone.

MOUNTING: Standard EIA rack mount.

POWER REQUIRED: 117 volts, 50/60 Hz, 5 watts. 234 volts, 50/60 Hz available on order.

LOSS: None. Equalizer loss restored by operational amplifier. Over-all result is no loss and no gain.

INPUT LEVEL: −20 dBm provides greater than 60 dB signal to noise ratio. +4 dBm allows generously for signal peaks without clipping.

OUTPUT LEVEL: +21 dBm maximum.

INPUT TRANSFORMER: 600 ohms, matching. Connections can be changed for 250 or 150 ohms.

OUTPUT TRANSFORMER: Feeds a 600 ohm load. Connections can be changed for 250 or 150 ohms.

AMPLIFIER RESPONSE: Including input and output transformers, 20 Hz to 20 kHz; +0, -1 dB from 1000 Hz reference. Transformers have 70 dB magnetic shielding.

NET WEIGHT: 9 pounds.

Licensed under patents of the Western Electric Company

PULSE TECHNIQUES, INC.

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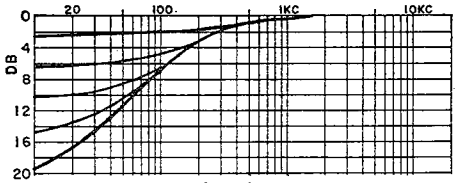
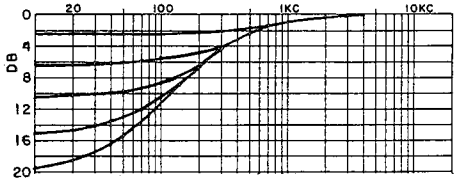
TELEPHONE: (201) 837-2575

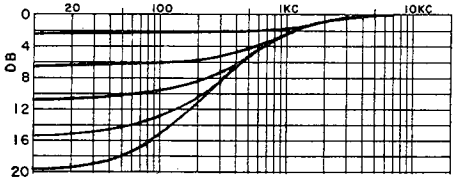
CABLE ADDRESS: PULTEC, TEANECK, NEW JERSEY



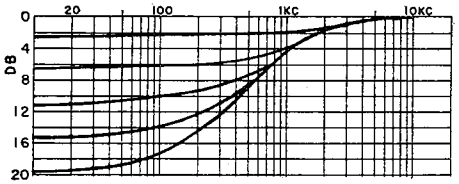
20 CPS ATTENUATE



30 CPS ATTENUATE



60 CPS ATTENUATE



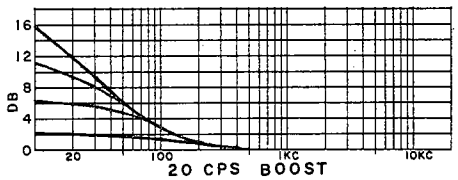
100 CPS ATTENUATE

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

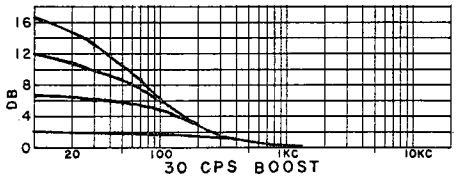
PULTEC®

MODEL EQP-1A3

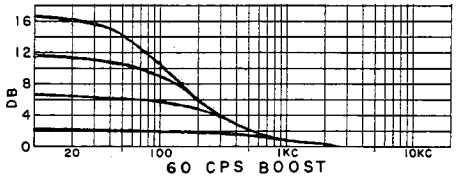
PROGRAM EQUALIZER



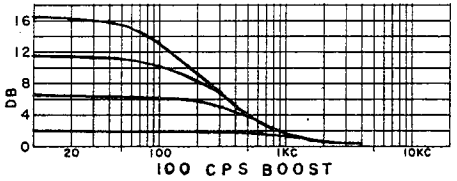
20 CPS BOOST



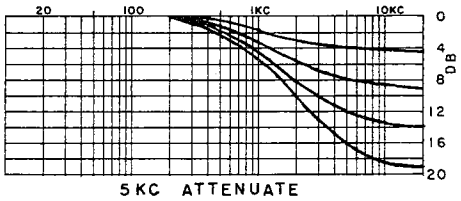
30 CPS BOOST



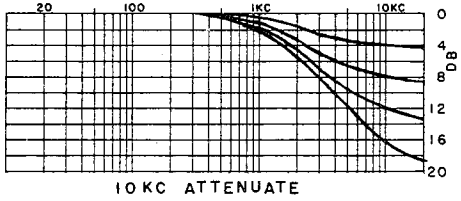
60 CPS BOOST



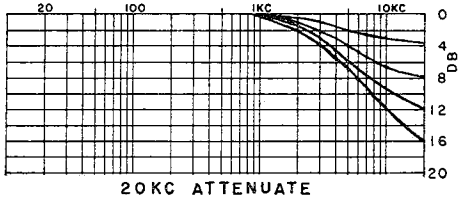
100 CPS BOOST



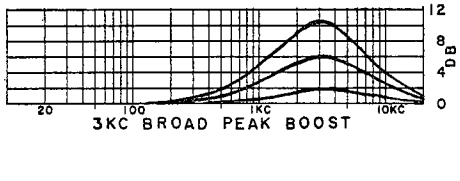
5KC ATTENUATE



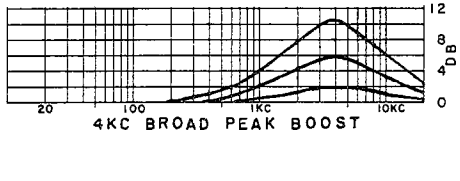
10KC ATTENUATE



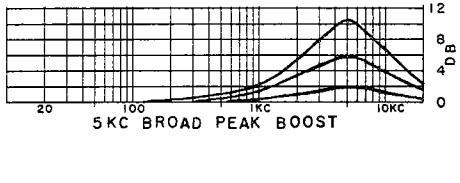
20KC ATTENUATE



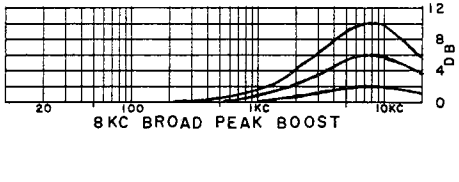
3KC BROAD PEAK BOOST



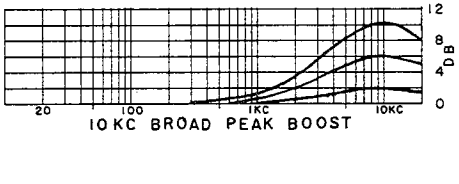
4KC BROAD PEAK BOOST



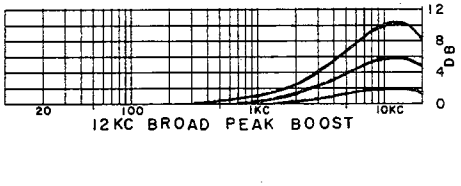
5KC BROAD PEAK BOOST



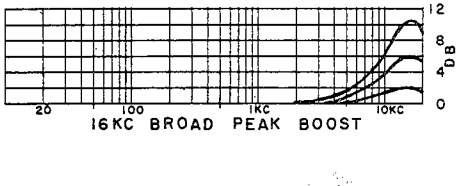
8KC BROAD PEAK BOOST



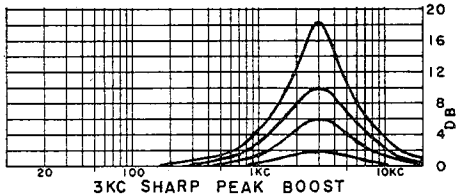
10KC BROAD PEAK BOOST



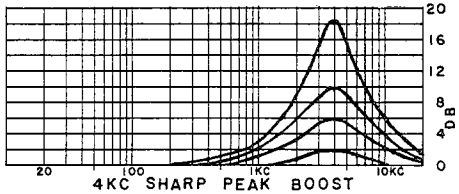
12KC BROAD PEAK BOOST



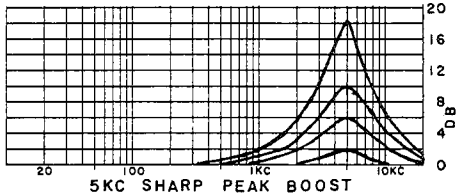
16KC BROAD PEAK BOOST



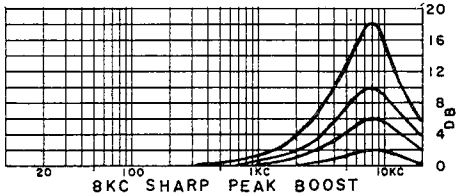
3KC SHARP PEAK BOOST



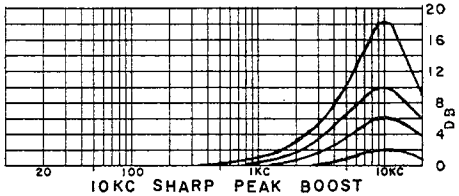
4KC SHARP PEAK BOOST



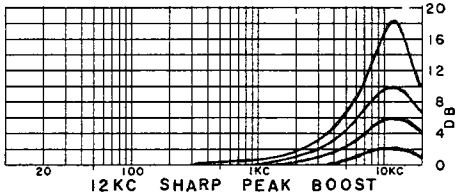
5KC SHARP PEAK BOOST



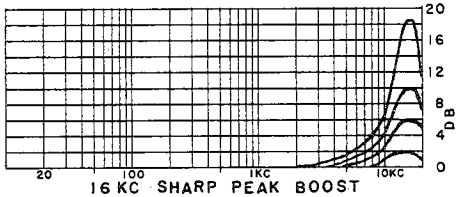
8KC SHARP PEAK BOOST



10KC SHARP PEAK BOOST



12KC SHARP PEAK BOOST



16KC SHARP PEAK BOOST

PULTEC®

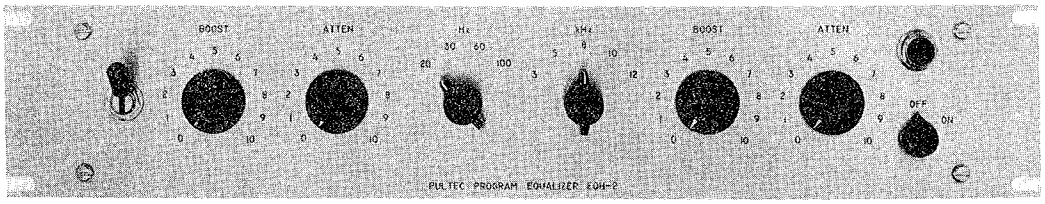
NO LOSS **PASSIVE**

PROGRAM EQUALIZER

Solid State

MODEL

EQH-2



It is usually those tones on the extreme ends of the musical spectrum which lose their proper perspective in the many steps between the musician and the ultimate listener. The wide range of equalization curves provided in the Model EQH-2 makes it possible to correct the low and high frequency notes of the orchestra without "muddying up" the middle register instruments.

In addition to the generous choice of frequencies provided, the effectiveness of this equalizer is further enhanced by the availability of 16 dB of boost and 16 dB of attenuation on the high frequency curves. Low frequency curves provide up to 13.5 dB of boost and 17 dB of attenuation.

Continuously variable controls permit changing the amount of equalization, even on sustained tones, without steps in level, or clicks.

LOSSLESS:

Amplifer follows **Passive equalizer**

CAPABLE:

20, 30, 60, 100 Hz Shelf 3, 5, 8, 10, 12 kHz Peak	**Boost**
20, 30, 60, 100 Hz Shelf 10 kHz Shelf	**Attenuate**

IN-OUT KEY: Switches equalization in and out without clicks.

Specifications

PEAK BOOST: 3, 5, 8, 10, 12 kHz; 0 to 16 dB.

SHELF ATTENUATE: 10 kHz; 0 to 16 dB.

SHELF BOOST: 20, 30, 60, 100 Hz; 0 to 13.5 dB.

SHELF ATTENUATE: 20, 30, 60, 100 Hz; 0 to 17.5 dB.

NOISE: Below −75 dBm.

DISTORTION: 0.15% at +10 dBm into 600 ohms.

PANEL SIZE: 3½ x 19 in. Depth behind panel is 7½ in.

PANEL FINISH: Brushed aluminum satintone.

MOUNTING: Standard EIA rack mount.

NET WEIGHT: 8¾ pounds.

POWER REQUIRED: 117 volts, 50/60 Hz, 5 watts. 234 volts, 50/60 Hz available on order.

LOSS: None. Equalizer loss is restored by operational amplifier. Over-all result is no loss and no gain.

INPUT LEVEL: -15 dBm provides greater than 60 dB signal to noise ratio. +4 dBm allows generously for signal peaks without clipping.

OUTPUT LEVEL: +21 dBm maximum.

INPUT TRANSFORMER: 600 ohms, matching. Connections can be changed for 250 or 150 ohms.

OUTPUT TRANSFORMER: Feeds a 600 ohm load. Connections can be changed for 250 or 150 ohms.

AMPLIFIER RESPONSE: Including input and output transformers, 20 Hz to 20 kHz; +0, -1 dB from 1000 Hz reference. Transformers have 70 dB magnetic shielding.

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PULSE TECHNIQUES, INC.

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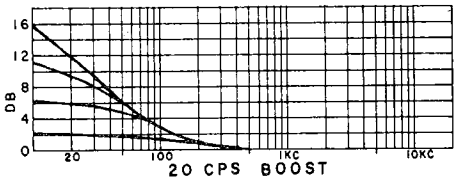
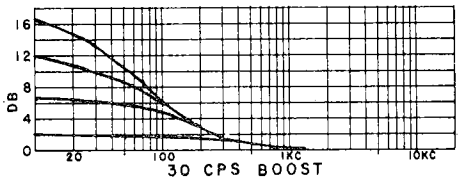
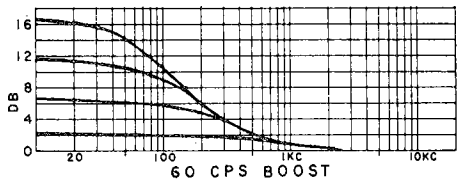
PULTEC® MODEL EQH-2 PROGRAM EQUALIZER



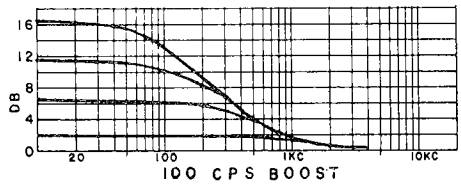
20 CPS BOOST



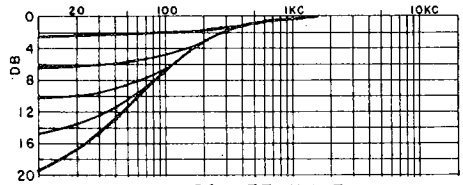
30 CPS BOOST



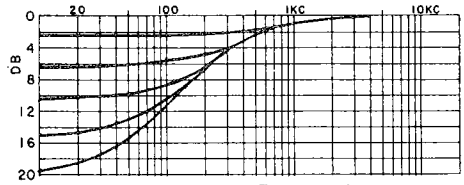
60 CPS BOOST



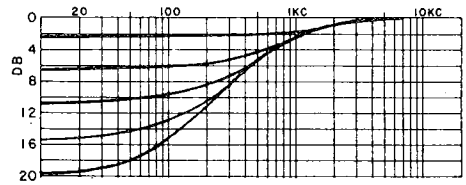
100 CPS BOOST



20 CPS ATTENUATE



30 CPS ATTENUATE



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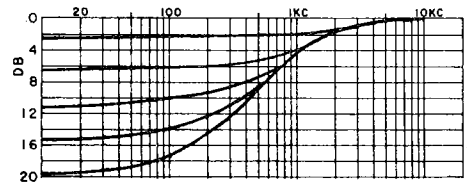
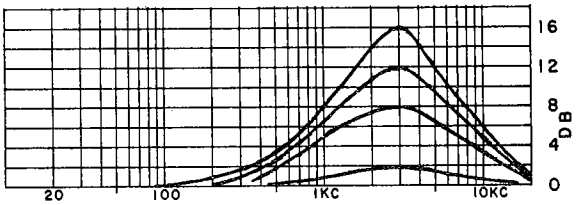
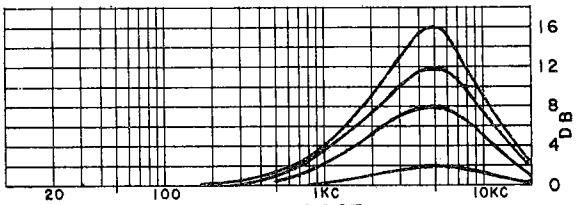


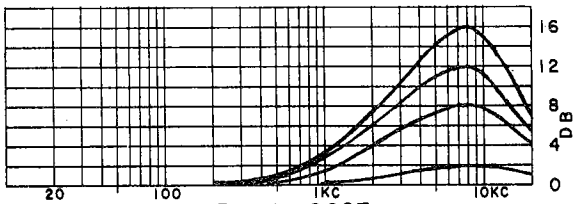
100 CPS ATTENUATE



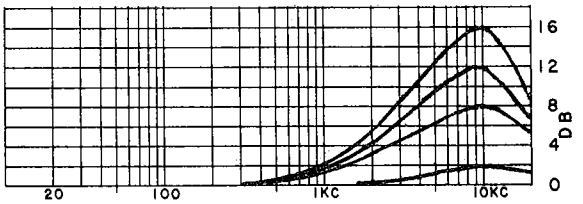
3KC PEAK BOOST



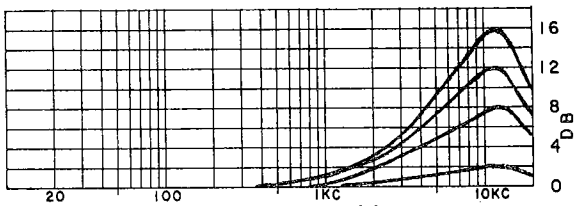
5KC PEAK BOOST



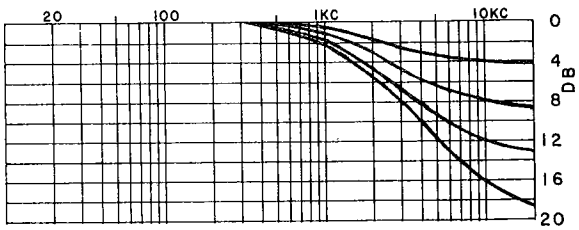
8 KC PEAK BOOST



10KC PEAK BOOST



12 KC PEAK BOOST



10 KC ATTENUATE

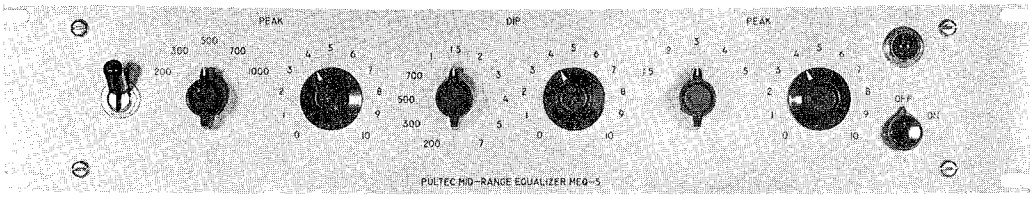
The boost and attenuate controls are continuously variable. Therefore, the curves in the above families represent typical settings, not steps.

PULTEC® MID-RANGE EQUALIZER

Solid State

MODEL

MEQ-5



WILL *EFFECTIVELY*

Three independent sets of controls make it possible to boost on a peak curve at 200, 300, 500, 700 or 1000 Hz while simultaneously boosting on a peak curve at 1.5, 2, 3, 4 or 5 kHz while simultaneously dipping at 200, 300, 500, 700, 1000, 1500, 2000, 3000, 4000, 5000 or 7000 Hz. Thus two selectable peak boost areas and one selectable dip area are available for simultaneous use.

ADD BODY AND PRESENCE to music already thought to be well balanced.

HIGHLIGHT OR SUBDUE a vocalist, where the vocal is already mixed with the orchestra.

ROUND OUT a vocal group, or make it *stand out.*

IMPROVE THE BASIC QUALITY of voices or instruments by altering their fundamental and overtone relationships.

EQUALIZE DIALOGUE

The MEQ-5 provides exacting control of the "power region" in program material, that frequency range from about 300 Hz to about 5000 Hz in which most of the sound **energy** is concentrated. The ear is especially sensitive to sounds in this region. It is here that pre-emphasis, de-emphasis and cross over networks must blend together smoothly. In this region, even small resonances in studio acoustics and microphone and speaker responses are very evident in their effect on the listenability of the sound.

Specifications

PEAK BOOST: 200, 300, 500, 700, 1000 Hz; 0 to 10 dB.

PEAK BOOST: 1.5, 2, 3, 4, 5 kHz; 0 to 8 dB.

DIP ATTENUATE: 200, 300, 500, 700, 1000 Hz and 1.5, 2, 3, 4, 5, 7 kHz; 0 to 10 dB.

NOISE: Below -75 dBm.

DISTORTION: 0.15% at +10 dBm into 600 ohms.

PANEL SIZE: 3½ x 19 in. Depth behind panel is 7½ in.

PANEL FINISH: Brushed aluminum satintone.

MOUNTING: Standard EIA rack mount.

NET WEIGHT: 9 pounds.

POWER REQUIRED: 117 volts, 50/60 Hz, 5 watts. 234 volts, 50/60 Hz available on order.

LOSS: None. **Passive equalizer** loss is restored by operational amplifier. Over-all result is no loss and no gain.

IN-OUT KEY: Switches equalization in and out without clicks.

INPUT LEVEL: -15 dBm provides greater than 60 dB signal to noise ratio. +4 dBm allows generously for signal peaks without clipping.

OUTPUT LEVEL: +21 dBm maximum.

INPUT TRANSFORMER: 600 ohms, matching. Connections can be changed for 250 or 150 ohms.

OUTPUT TRANSFORMER: Feeds a 600 ohm load. Connections can be changed for 250 or 150 ohms.

AMPLIFIER RESPONSE: Including input and output transformers, 20 Hz to 20 kHz; +0, -1 dB from 1000 Hz reference. Transformers have 70 dB magnetic shielding.

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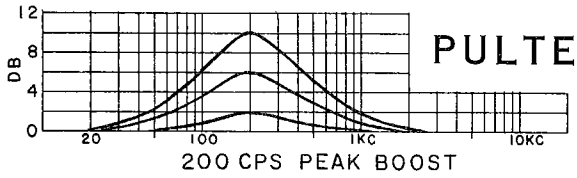
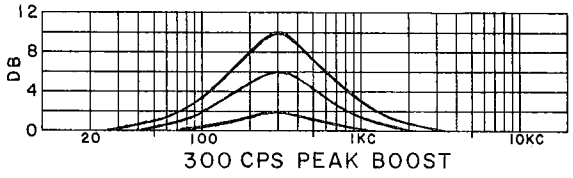
TELEPHONE: (201) 837-2575

CABLE ADDRESS: PULTEC, TEANECK, NEW JERSEY

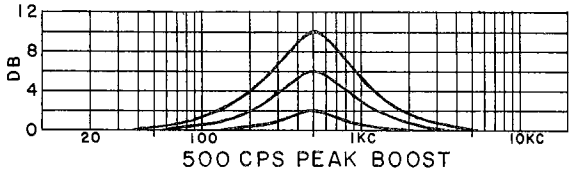
PULTEC MEQ-5



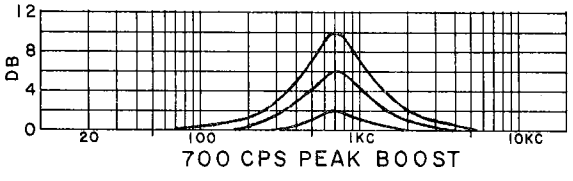
200 CPS PEAK BOOST



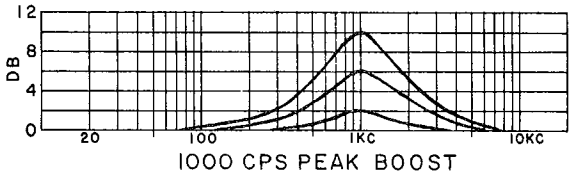
300 CPS PEAK BOOST



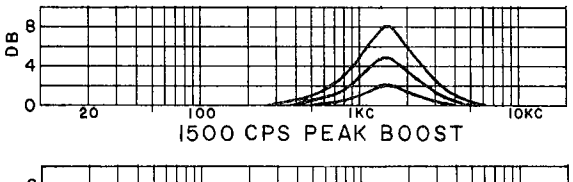
500 CPS PEAK BOOST



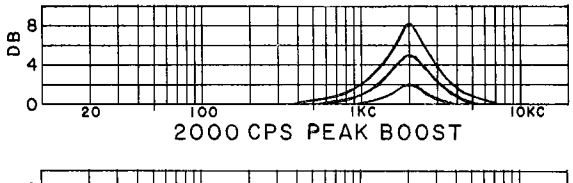
700 CPS PEAK BOOST



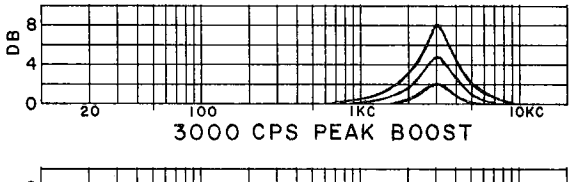
1000 CPS PEAK BOOST



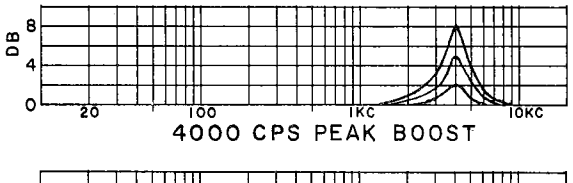
1500 CPS PEAK BOOST



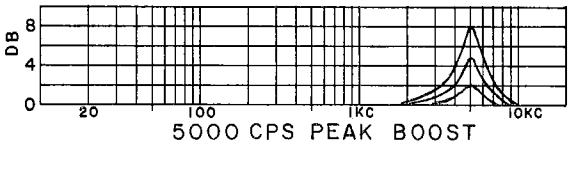
2000 CPS PEAK BOOST



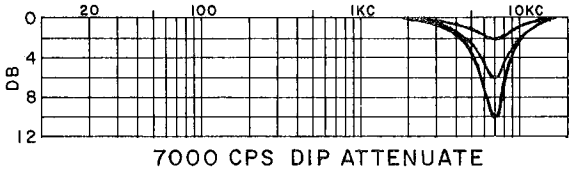
3000 CPS PEAK BOOST



4000 CPS PEAK BOOST

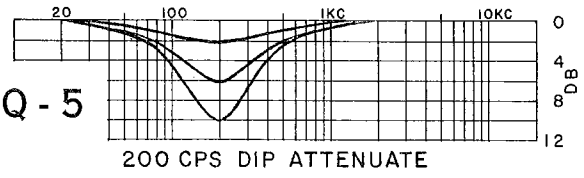


5000 CPS PEAK BOOST

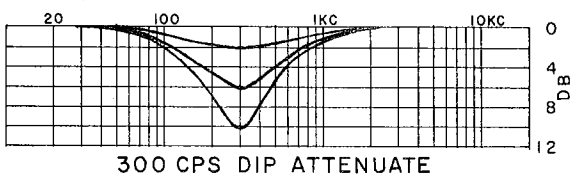


7000 CPS DIP ATTENUATE

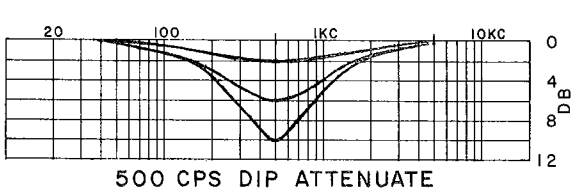
The peak and dip controls are continuously variable.
Therefore, the curves in these families represent typical settings, not steps.



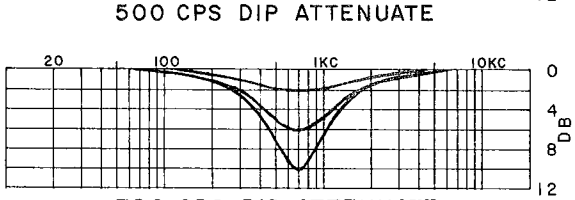
200 CPS DIP ATTENUATE



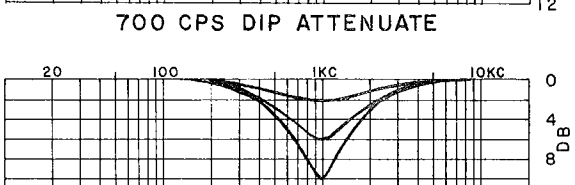
300 CPS DIP ATTENUATE



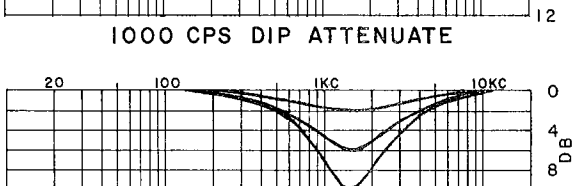
500 CPS DIP ATTENUATE



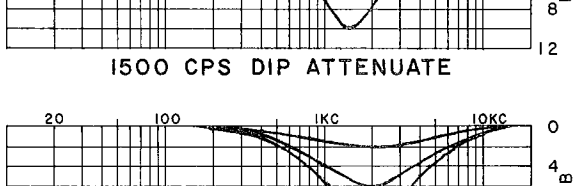
700 CPS DIP ATTENUATE



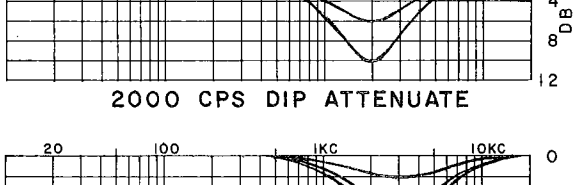
1000 CPS DIP ATTENUATE



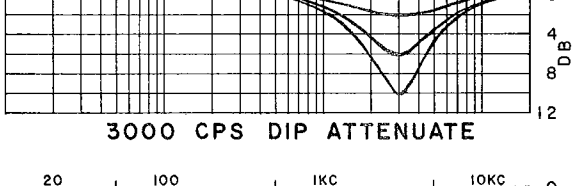
1500 CPS DIP ATTENUATE



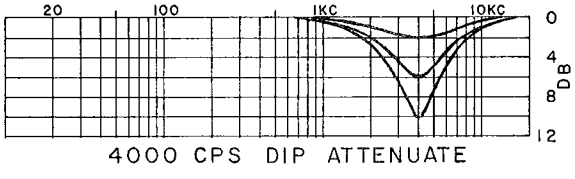
2000 CPS DIP ATTENUATE



3000 CPS DIP ATTENUATE



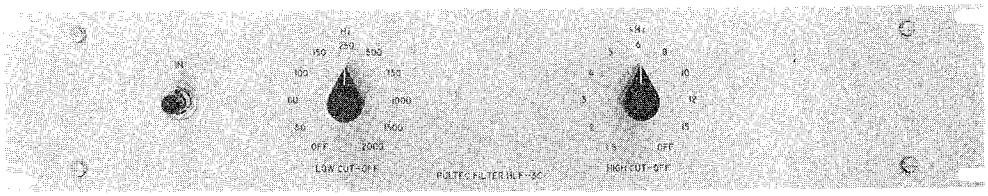
4000 CPS DIP ATTENUATE



5000 CPS DIP ATTENUATE

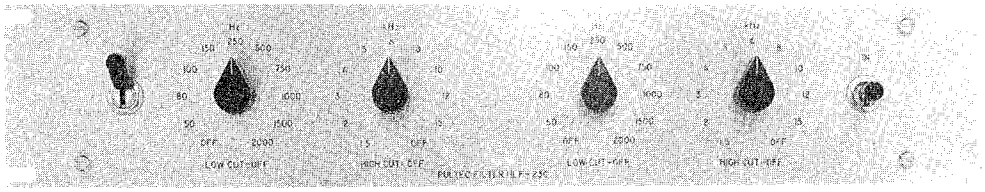
PULTEC® PROGRAM IMPROVEMENT & SOUND EFFECTS FILTERS

MODEL
HLF-3C



EFFECTIVE HELP for producing good music and dramatic presentations

MODEL
HLF-23C



Model HLF-23C is a dual HLF-3C

As a Program Filter, the wide range of the PULTEC makes it possible to remove rumble and hum as well as hiss and harmonic distortion components with a minimum loss of program content.

As a Sound Effects Filter, the PULTEC includes the frequencies that have proven most useful in the past, plus several intermediate frequencies; thus making it ideal for the creation of such effects as telephone conversations, midget radios, sounds from outer space, etc.

Shielded toroid coils minimize hum pickup. Switches are clickless. An "off" position on each selector switch provides full frequency transmission.

LOW CUT-OFF: Eleven positions — OFF, 50, 80, 100, 150, 250, 500, 750, 1000, 1500, 2000 Hz.

HIGH CUT-OFF: Eleven positions — 1.5, 2, 3, 4, 5, 6, 8, 10, 12, 15 kHz and OFF.

IN-OUT KEY: Permits cutting the filter in and out on cue.

IMPEDANCE: 500-600 ohms, input and output. Space to mount transformers for other impedances.

INSERTION LOSS: None.

CIRCUIT: Constant "K".

LEVEL: +28 dbm maximum.

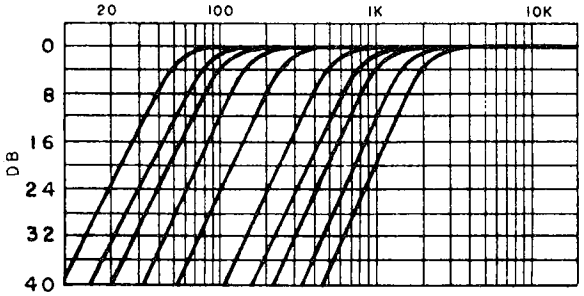
POWER REQUIRED: None.

PANEL SIZE: 3½" x 19". Depth behind panel 7½ inches.

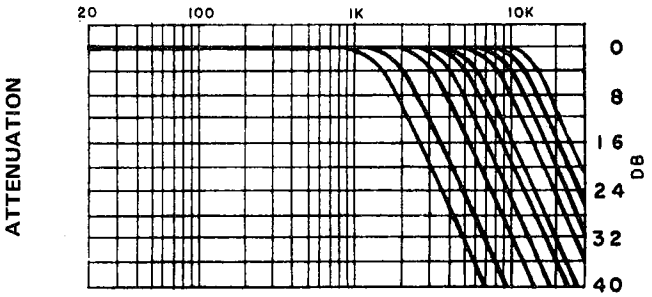
PANEL FINISH: Brushed aluminum satintone.

MOUNTING: Standard EIA rack mount.

NET WEIGHT: Model HLF-3C 10 pounds. Model HLF-23C 12¾ pounds.



LOW CUT-OFF: Eleven — OFF, 50, 80, 100, 150, 250, 500, 750, 1000, 1500, 2000 Hz.



HIGH CUT-OFF: Eleven — 1.5, 2, 3, 4, 5, 6, 8, 10, 12, 15 kHz and OFF

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CABLE ADDRESS: PULTEC, TEANECK, NEW JERSEY

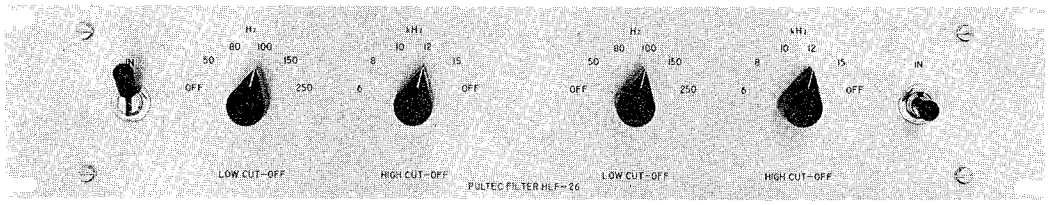
PULTEC® PROGRAM IMPROVEMENT FILTERS

These filters have cutoffs that help control rumble, hum, hiss and harmonic distortion

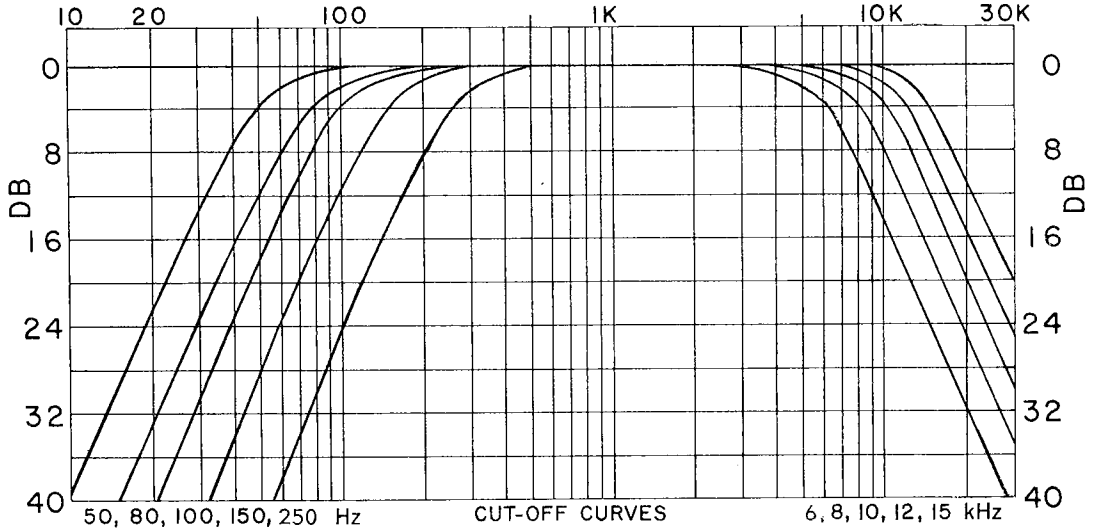
MODEL

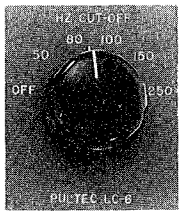
HLF-26

LOW & HIGH CUTS



TWO INDEPENDENT FILTERS — each filter has a low cut-off selector, a high cut-off selector and an in-out key.





MODEL

LC-6

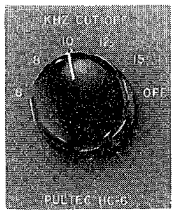
LOW CUTS

unit filters

MODEL

HC-6

HIGH CUTS



Specifications

ALL MODELS

LOW CUT-OFF: Six positions — OFF, 50, 80, 100, 150, 250 Hz.

HIGH CUT-OFF: Six positions — 6, 8, 10, 12, 15 kHz and OFF.

IN-OUT KEY: Model HLF-26 only. Permits cutting the filter in and out on cue.

IMPEDANCE: 500-600 ohms, input and output.

INSERTION LOSS: None.

CIRCUIT: Constant "K".

LEVEL: +28 dBm maximum.

POWER REQUIRED: None.

	HLF-26	LC-6 & HC-6
PANEL SIZE:	3½ x 19 inches.	2¾ x 3⅛ inches.
PANEL FINISH:	Brushed aluminum satintone.	Laminated plastic, Blue-gray, engraved.
DEPTH BEHIND PANEL:	7½ inches.	6½ inches.
MOUNTING:	Standard EIA rack mount.	2 screws under knob.
NET WEIGHT:	12½ pounds.	2½ pounds.

Shielded toroid coils minimize hum pickup. Switches are clickless. An "off" position on each selector provides full frequency transmission.

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CABLE ADDRESS: PULTEC, TEANECK, NEW JERSEY

STEREO PANNER

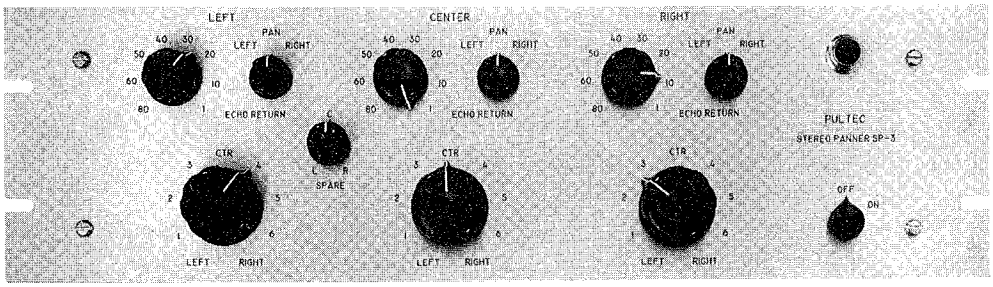
MIXES & POSITIONS STEREO SOUND

Solid State

PULTEC®

MODEL

SP-3



Accepts 4 Sound Tracks and 3 Echo Return Signals Supplies 2 Channel Stereo Output

When producing stereo tapes and discs, it is usually necessary to mix down from three or more tracks to 2 tracks. During this mix down, each of the original tracks must be acoustically located in exactly the preferred position somewhere between extreme left and right in the final 2 channel output. Echo is often added at this time.

If 4 tracks of a tape playback are fed into the LEFT, CENTER, RIGHT and SPARE inputs, then the 2 channel (left and right) stereo output will contain all 4 input signals split between left and right according to the settings of the pan pots. Any input signal can be "walked", if desired, by turning its pan pot.

Three echo returns (signals **from** the echo chambers) are also accepted as input signals. Each of these echo signals can be selected to be entirely in the Left stereo output or in the Right stereo output or to pan between the outputs with the corresponding input signal. Regardless of where the echo is positioned, an associated level pot controls the amount of echo.

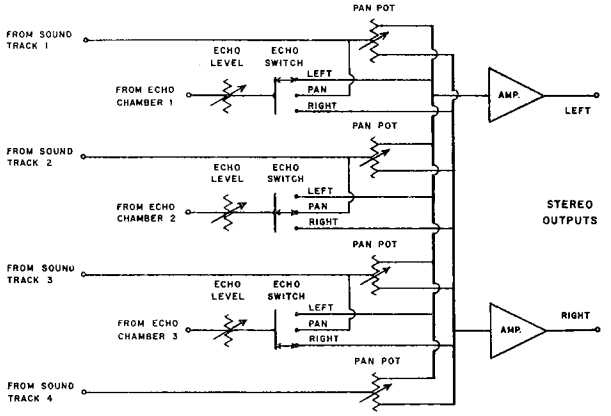
FIX THE LOCATION OF EACH SOUND TRACK
Anywhere from extreme left to right.

MOVE OR WALK ANY TRACK ANY TIME
Smoothly over any part of sound stage.

SET AMOUNT & LOCATION OF EACH ECHO
Independently of direct signal.

7 INPUTS — EACH CONTROLLED

2 OUTPUTS — LEFT and RIGHT



PULTEC SP-3 SIMPLIFIED DIAGRAM

Specifications

GAIN: 0 dB. No gain, no loss from any input to the output to which the particular input is fully panned.

INPUT LEVEL: −10 dBm provides greater than 60 dB signal to noise ratio. +4 dBm allows generously for signal peaks without clipping.

OUTPUT LEVEL: +21 dBm maximum into 600 ohms.

NOISE: Below −70 dBm.

FREQUENCY RESPONSE: 20 Hz to 20kHz; +0, −1 dB from 1000 Hz reference.

DISTORTION: 0.10% at +10 dBm into 600 ohms.

NET WEIGHT: 9½ pounds.

ISOLATION: Between Left, Center, Right and Spare Inputs exceeds 70 dB at all frequencies.

INPUT IMPEDANCE: All inputs are 600 ohms, unbalanced.

OUTPUT TRANSFORMERS: Feed 600 ohm loads. Connections can be changed for 250 or 150 ohms.

POWER REQUIRED: 117 volts, 50/60 Hz, 6 watts. 234 volts, 50/60 Hz available on order.

PANEL SIZE: 5¼ x 19 in. Depth behind panel is 6¾ in.

PANEL FINISH: Brushed aluminum satintone.

MOUNTING: Standard EIA rack mount.

Licensed under patents of the Western Electric Company

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TELEPHONE: (201) 837-2575

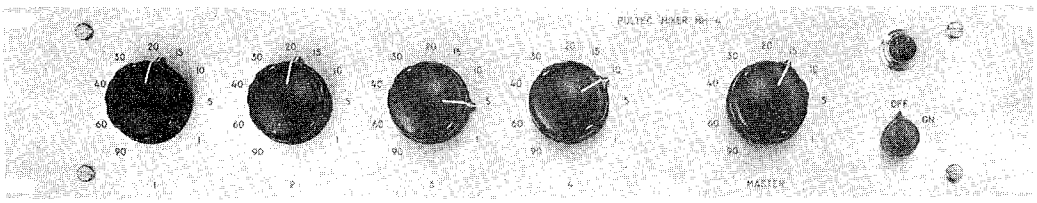
CABLE ADDRESS: PULTEC, TEANECK, NEW JERSEY

PULTEC® line level MIXER

Solid State

MODEL

MH-4



FEATURES

BRIDGING INPUTS: Connect them to low impedance busses without upsetting matching or loading. Inputs can be matching. See Specs.

TRANSFORMER OUTPUT: For maximum flexibility.

ISOLATED INPUTS: 60 dB of isolation between inputs when either bridging or matching 600 ohm feeds. Permits connecting the four inputs across 4 audio busses without causing cross-talk between the busses.

STEPLESS CONTROLS: Potentiometers provide smooth, noise free mixing. Dials are calibrated in dB.

MASTER LEVEL CONTROL: Potentiometer permits stepless level adjustment and smooth fades.

10 DB GAIN: From each input to 600 ohm output.

SELF CONTAINED POWER SUPPLY: Operates from 117 volts, 60 Hz line.

USES

RE-RECORDING and EDITING: Mix tape outputs, disc playbacks, film channels, echo signals — any signal having a level from 0.1 volt to 50 volts — from any source, whether high or low impedance.

PRODUCING MONAURAL FROM STEREO: Connect the 4 inputs of the MH-4 to 4 stereo busses and mix an ideal monaural signal. Do this while recording the stereo, if desired.

IMPEDANCE CHANGING: Now and then the professional system must accept signal from devices that cannot feed low impedance inputs. MH-4 solves this problem by accepting signal at high impedance and delivering it at low impedance. If higher than 50,000 ohms is required, a resistor can be added in series with the MH-4 input.

Specifications

GAIN: 10 dB from any input to 600 ohm load, with all controls at maximum.

INPUT LEVEL: −18 dBm (0.1 volt in 600 ohms) provides greater than 60 dB signal to noise ratio. Maximum input level is 50 volts.

OUTPUT LEVEL: +21 dBm maximum into 600 ohms.

NOISE: Below −70 dBm.

FREQUENCY RESPONSE: 20 Hz to 20kHz; +0, −1 dB from 1000 Hz reference.

DISTORTION: 0.10% at +10 dBm into 600 ohms.

NET WEIGHT: 7½ pounds.

INPUT IMPEDANCE: Each input is 50,000 ohms, unbalanced. Any input can be changed to 600 ohms or lower by connecting a resistor of that value from the input terminal to ground.

OUTPUT TRANSFORMER: Feeds a 600 ohm load. Connections can be changed for 250 or 150 ohms.

POWER REQUIRED: 117 volts, 50/60 Hz, 5 watts. 234 volts, 50/60 Hz available on order.

PANEL SIZE: 3½ x 19 in. Depth behind panel is 7½ in.

PANEL FINISH: Brushed aluminum satintone.

MOUNTING: Standard EIA rack mount.

Licensed under patents of the Western Electric Company

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TELEPHONE: (201) 837-2575

CABLE ADDRESS: PULTEC, TEANECK, NEW JERSEY

PULTEC®

SEPTEMBER 1977

Price Sheet

MODEL		NET PRICE
EQP-1A3	PROGRAM EQUALIZER. Most used program equalizer in professional audio. Passive network. No insertion loss. Solid state operational amplifier. Transformers in & out. Connected 600 ohms unless other impedance is requested.	$597.00
EQH-2	PROGRAM EQUALIZER. Passive network. No insertion loss because solid state operational amplifier is self contained. Transformer in & out. Connected 600 ohms unless other impedance is requested.	485.00
MEQ-5	MID-RANGE EQUALIZER. Full and effective coverage of the audio mid-range. Passive network. No insertion loss because solid state operational amplifier is self contained. Transformers in & out. Connected 600 ohms unless other impedance is requested.	593.00
HLF-3C	PROGRAM & SOUND EFFECTS FILTER. Ten low pass and ten high pass fast cutoffs ranging from 50 Hz to 15 kHz. Constant K sections. 500/600 ohms in and out. No insertion loss.	398.00
HLF-23C	PROGRAM & SOUND EFFECTS FILTER. Consists of two independent HLF-3C filters on one panel. Same size as HLF-3C.	778.00
HLF-26	PROGRAM FILTER. Similar to HLF-23C but five frequency selections on each dial instead of ten.	693.00
HC-6	PROGRAM FILTER. Unit filter has five high cutoffs. Constant K section. 500/600 ohms in and out. Dial size is 2¾ x 3⅛ inches.	170.00
LC-6	PROGRAM FILTER. Unit filter has five low cutoffs. Constant K section. 500/600 ohms in and out. Dial size is 2¾ x 3⅛ inches.	180.00
MH-4	MIXER FOR HIGH LEVEL SIGNALS. Accepts 4 signals at 0.1 volt or higher level. Four mixer pots and master pot. Inputs can be used bridging or low impedance. Transformer output -- connected to feed 600 ohm load, unless other impedance is requested.	287.00
SP-3	STEREO PANNER. Provides mixdown and acoustical positioning of program material in the production of stereo recordings. Fully and continuously pans each of four input channels between two output channels, left and right. Also accepts three echo return signals and mixes and pans them in the two outputs. Inputs are 600 ohms unbalanced. Transformer outputs. Connected to feed 600 ohm loads, unless other impedance is requested.	589.00

Prices F.O.B. Teaneck, N.J. Subject to change without notice.

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SOME USERS OF PULTEC AUDIO EQUIPMENT

Most of these companies are long time users who have added to their PULTEC equipment repeatedly

Accurate Film Labs
American Broadcasting Company
Archdiocese of New York
Atlantic Records
Australian Broadcasting Commission
Bell Sound Studios
Bermuda Broadcasting Company
Black Hawk Broadcasting Corporation
Canadian Broadcasting Corporation
Canadian Department of Agriculture
Capital Cities Broadcasting Corp.
Capital Records
Capricorn Sound Studios
Caterpillar Tractor Company
CBS Radio
CBS Records
CBS Television
Commonwealth Broadcasting Company
Cornell University
Cox Broadcasting Corporation
Cue Recordings
Eastman Kodak
East Texas State University
Elektra Records
El Virrey, Industrias Musicales, S.A.
E.M.I. South Africa Pty. Ltd.
Encyclopedia Brittanica
Explotadora Radiomar, S.A.
Federal Bureau of Investigation
Government of the Republic of Korea
Haji Sound Recording Company
Herald's of Hope, Inc.
Hispavox, S.A.
Hubbard Broadcasting, Inc.
Huntsville E.T.V. Center
Indiana University
Industrial Sono Radio, S.A.
Information et Publicite
Intermedia Sound
Israel Broadcasting Authority
Kaye Smith Recording Studios
King Broadcasting Company
Kings Dominion
Life Records — Hong Kong & Singapore
Mainichi Broadcasting Company
Major Network Pty. Ltd.
Manta Sound Company
MCA Recording Studios
Mediasound Studios
Middle Tennessee State University
Minorfon Record Company
Motown Record Corporation
Musicradio Broadcasting Corporation
National Aeronautics & Space Admin.
NBC Radio
NBC Television
New York Public Library
North American Rockwell
Northeastern Illinois University
Ohio State University
Pioneer Recording Studion, Inc.
Point Park College
Radio Atlantida, S.A.
Radio El Sol
Radio Gaucha
Radio Sensacion
RCA Victor Records
Record Plant
RKO Radio
Sausalita Music Factory
Scripps Howard
Societe Francaise Du Son
Soundtek, Inc.
State University of New York
Syracuse University
Teichiku Record Company
Texas State Network
The Mix Place
Transfer and Edit, Limited
United Press International
U.S. Army Band
U.S. Information Agency
University of Chicago
University of Michigan
University of Missouri
University of Northern Iowa
University of Utah
University of Wisconsin
Venezolana de Promociones y Prensa
Westinghouse Broadcasting — Group W
Wayne State University
World Broadcasting Corporation