



EQP-A USER MANUAL

AUDIOSCAPE
ENGINEERING CO.



POWERED BY
SONIC TRUTH
MADE IN THE USA

This manual provides general information, preparation for use, installation, and operating instructions for the Audioscope 76A.

Audioscope Engineering Co.
Florida
Made in the U.S.A.



TABLE OF CONTENTS

PAGE

A word from the Audioscape family..... 1

Important Safety Instructions..... 2

Front Panel..... 3

Rear Panel..... 4

Features..... 5

The Tech Stuff..... 6

Troubleshooting..... 7



A WORD FROM THE AUDIOSCAPE FAMILY.

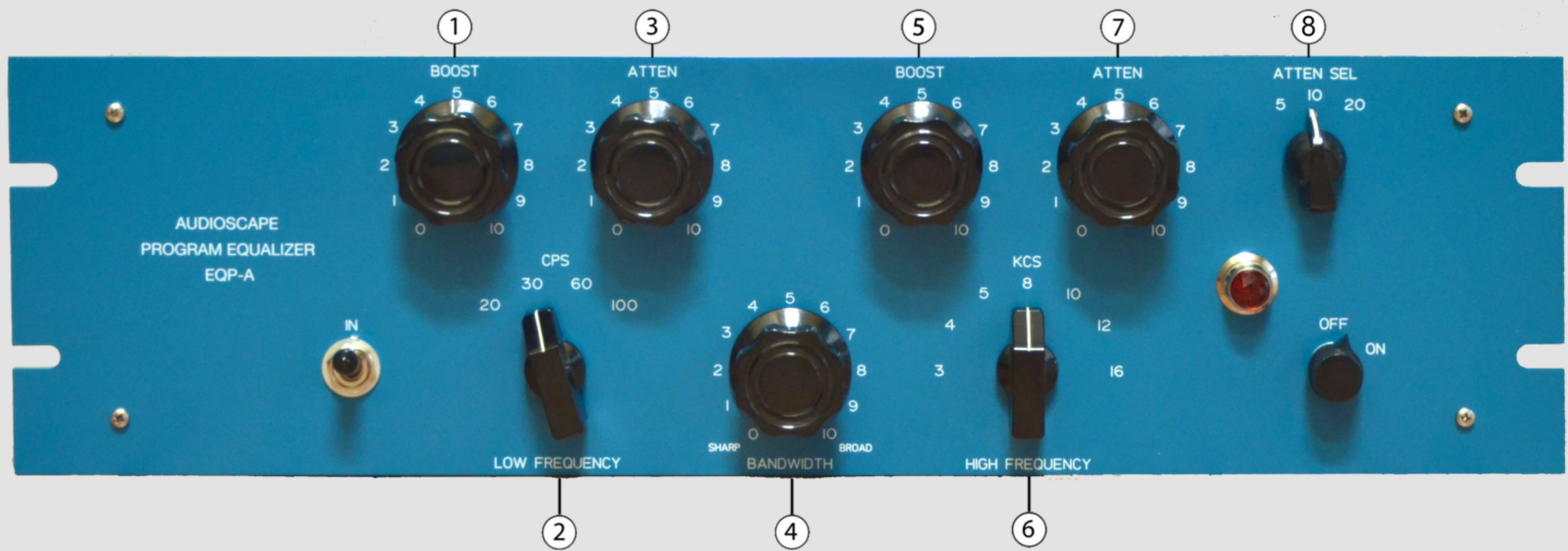
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IMPORTANT SAFETY INSTRUCTIONS



- 1. Water and Moisture** - Do not use the unit near any source of water or in excessively moist environments.
- 2. Object and Liquid Entry** - Care should be taken so that objects do not fall, and liquids are not spilled, into the enclosure through openings.
- 3. Ventilation** - When installing the unit in a rack or any other location, be sure there is adequate ventilation. Improper ventilation will cause overheating and can damage the unit.
- 4. Heat** - The unit should be situated away from heat sources, or other equipment that produce heat.
- 5. Power Sources** - The unit should be connected to a power supply only of the type described in the operating instructions, or as marked on the unit.
- 6. Power Cord Protection** - AC power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit. Never take hold of the plug or cord if your hand is wet. Always grasp the plug body when connecting or disconnecting it.
- 7. Non-use Periods** - The AC power supply cord of the unit should be unplugged from the AC outlet when left unused for a long period of time.



(1) Low Boost -

(2) Low Frequency -

(3) Low Attenuation -

(4) Bandwith Q -

(5) High Boost -

(6) High Frequency -

(7) High Attenuation -

(8) Attenuation Select -





- (1) AC Power Connector / Fuse Holder - Connect a standard, detachable IEC power cable (supplied) here. If fuse replacement is required, use
- (2) XLR OUTPUT - A balanced XLR connector carrying the line-level output signal of the unit. This signal will normally be routed via a patchbay to a channel or bus insert return.
- (3) XLR INPUT - Connect line-level input signal to this balanced XLR connector. Pin 2 is wired positive (hot). This signal will normally be arriving via a patchbay from a channel or bus insert send.



★ FEATURES

the EQP-A is an uncompromising, authentically Made-in-USA recreation of the classic vintage tube equalizer known for imparting a uniquely electric, silky sheen and thundering, tight low end to countless recordings over the last half-century.

The EQP-A has been built from the ground up accurately and faithfully, with no component compromises and no gratuitous enhancements to completely and faithfully capture the shockingly vivid, detailed, and elegant character of this classic EQ.



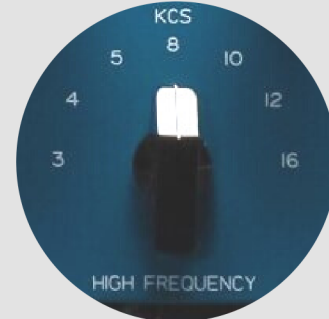
LF

LF



Q

BANDWIDTH



HF

HF



BOOST

FREQ BOOST



ATTEN

FREQ ATTEN



SPECIFICATIONS

Channels:	Mono (1)
Passive EQ Bands	2 Boost/Cut)
Freq Response:	20hz-20khz
Noise:	-90db +/-5
Makeup Gain:	16db
Impedance in/out:	600ohm
Power:	120v/240v
Height:	3U
Depth:	9 In (229mm)
Width:	19in (48cm)
Weight:	15lbs

TUBE LAYOUT

12ax7
12Au7
6x4

EQ SPECS

Low Boost:	+13.5 dB
Low Cut:	-17.5 dB
High Boost:	+18.0dB
High Cut:	-16.0dB

ADDITIONAL FEATURES

- Handcrafted in the USA
- Stylish 3U 19" Rackmount - Original Pultec "Blue"
- Premium, FULL NOS Tube Complement
- Exclusive, Custom-Wound Input Transformer (Sonically True to the Original)
- Exclusive, Custom-Wound Interstage Transformer (Sonically True to the Original)
- Carnhill Output Transformer (an exceptional recreation of the obscenely RARE, virtually unobtainable original Peerless Iron)
- Premium Custom Inductor (Wound to Original Specifications)
- Cornell Dubilier Polypropylene Axial Capacitors
- Allen-Bradley Carbon Comp Resistors in Key Areas of the Signal Path
- Period-Correct Davies Knobs
- USA Made "Pultec Blue" Silk-Screened Front Panel
- Alpha Potentiometers
- USA Made Custom Power Transformer
- Neutrik XLR Input and Output Connectors (Real Metal)
- Custom 120V/240V Power Transformer
- Alpha Potentiometers and Rotary Switches





TROUBLESHOOTING

- **COMMON QUESTIONS**

- Q:
 - A:
- Q:
 - A:
- Q:
 - A:



