



MEQ-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 MEQ-A.

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



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A WORD FROM THE AUDIOSCAPE FAMILY

**Thank you for purchasing the MEQ-A from
AudioScape Engineering!**

Inspired by the famous blue vintage mid-range equalizer of the 1960's, it is a worthy addition to any studio. It magically brings program material to life with musical and effortless tube warmth. Simply put, there is no setting that sounds anything less than amazing.

The AUDIOSCAPE MEQ-A Mid-Range Equalizer is an all tube, period-correct faithful recreation of the legendary midrange-eq used on countless records and in the most famous mastering rooms.



Let's dig into it's features!

IMPORTANT SAFETY INSTRUCTIONS



- **Water and Moisture** - Do not use the unit near any source of water or in excessively moist environments.
- **Object and Liquid Entry** - Care should be taken so that objects do not fall, and liquids are not spilled, into the enclosure through openings.
- **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.
- **Heat** - The unit should be situated away from heat sources, or other equipment that produce heat.
- **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.
- **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.
- **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.
- **Damage Requiring Service** - Please refer to a qualified technician.



FRONT PANEL



(1) In toggle switch - Up to engage the EQ, Down to merely pass through without EQ

(2) Low Mid Frequency Select

(3) Low Mid Frequency Boost

(4) Mid Frequency Select

(5) Mid Frequency Cut (Dip)

(6) Mid High Frequency

(7) Mid High Frequency Boost

(8) Off/On - power switch.



REAR PANEL



(1) AC Power Connector / Fuse Holder - Connect a standard, detachable IEC power cable (supplied) here. If fuse replacement is required, use only a 125 mA time delay (slow blow) fuse for operation at 115 V, or a 63 mA time delay (slow blow) fuse for operation at 230 V.

Never substitute different fuses other than those specified here!

(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

A painstaking all tube recreation of the infamous Midrange EQ used to sweeten mixes, increase density and weight of recorded audio and featured on countless classic records.

POWERFUL, COLORFUL, BEAUTIFULLY SMOOTH TUBE EQUALIZER; A TRUE SLEEPER, BUILT THE AUDIOSCAPE WAY!

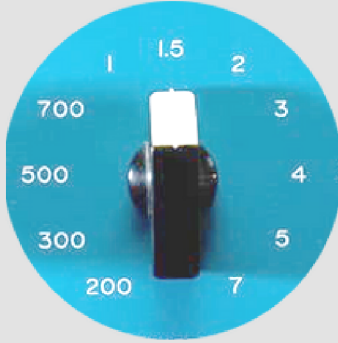
This EQ targets arguably, the most CRUCIAL frequency range known to the human-ear - 200hz to 7k and imparts a warm and musical tone to every track that goes through it. It can be subtle or OVER THE TOP depending on how you choose to (ab)use it.

What we love is; you really CAN'T make it sound bad.



LF

Low Frequency
200-1000 Hz



MID

Mid Frequency
200-7 kHz



HF

High Frequency
1.5 - 5 kHz



LF BOOST

Up to 10 dB boost



DIP

Up to -10 dB cut



LF BOOST

Up to 8 dB boost





SPECIFICATIONS

Freq Response:	15 Hz-20 kHz
EQ Range:	200 Hz-7 kHz
Noise:	-80dB +/-5
Height:	2U
Depth:	9 In (229mm)
Width:	19 in (48cm)
Weight:	14 lbs
Power:	120 V
Impedance in/out:	600 Ω

TUBE LAYOUT

Tube 1:	12ax7
Tube 2:	6aq5a
Tube 3:	6x4

EQ SPECS

Lo Band:	+10 dB from 200 Hz - 1 kHz
Mid Cut:	-10 dB from 200 Hz - 7 kHz
Hi Band:	centered at 5 kHz extends to 7 kHz



ADDITIONAL FEATURES

- Transformer Balanced, Inductor-Based Equalizer with a Tube Gain Make-Up Amplifier
- Custom, Hand-Wound USA Made Transformers (faithful to original specifications) and Vintage NOS Tubes in the Audio Path Faithfully Recreate the Sonic Nuances of the Original
- 3 Custom Inductors (1 for Each Band) Impart a Musical Edge that sets this EQ Circuit in a League of it's Own
- Period-Correct, Premium Capacitors and Resistors utilized throughout the circuit. Sourced from US Based Distributors
- Bypass EQ Switch on Front Panel to Allow use of the Tube Amplifier Alone to Add Track Warmth and Glue
- Midrange Dip Function Unlike any Other EQ Design. Cut Deep or Subtle Depending on the Will of the Operator
- Neutrik™ XLR In/Out Connectors - Built to Last a Lifetime
- Alpha Potentiometers and Rotary Switches
- Stylish 2U Rackmount with Period-Correct Faceplate and Vintage-Styled Replica Knobs





FAQ

COMMON QUESTIONS

Q: The “in” switch in the down position is a bypass. Does this bypass the entire unit?

A: No, audio will still pass through the transformers and tubes (valves) but the EQ will be bypassed

Q: Why unplug the AC cord if the unit is shut off for a period of time?

A: A power surge can still occur that may harm the power input or power transformer. This is just to minimize risk. It’s also entirely up to you!

Q: Why are there overlapping frequencies between the midrange bands?

A: This is true to the original design, and just as with our EQP, you can achieve an interesting focusing trick by boosting and cutting the same frequency! For example, on the low-mid band, boost 700 Hz by 5 dB and on the center-mid band, cut 700 Hz by 5 dB, or more, or less. Interesting results!





CONTACT

- Have support or service related questions? Please email tech@audio-scape.com
- Looking for Inventory updates, all general inquiries, questions about using our products, need gear or mix advice? Please email info@audio-scape.com and subscribe to the Email Newsletter, [Instagram](#), & [Facebook](#).



CE EU DECLARATION OF CONFORMITY

PRODUCT MODEL / PRODUCT:

PRODUCT: MEQ-A TUBE EQUALIZER

MODEL/TYPE: MEQ

SERIAL NOS. 120900 - 130000

MANUFACTURER:

MANUFACTURER: AUDIOSCAPE ENGINEERING CO. LLC

ADDRESS: 1631 S. NOVA ROAD, BUILDING A, DAYTONA BEACH, FL 32119, USA

THIS DECLARATION OF CONFORMITY IS ISSUED UNDER THE SOLE RESPONSIBILITY OF THE MANUFACTURER.



THE OBJECT OF THE DECLARATION DESCRIBED IS IN CONFORMITY WITH THE RELEVANT UNION HARMONISATION LEGISLATION:

73/23/EWG	LOW VOLTAGE DIRECTIVE
89/336/EWG	EMC DIRECTIVE
DIN EN 55103-1&2	ELECTROMAGNETIC COMPATIBILITY OF AUDIO EQUIPMENT
2011/65/EU	THE RESTRICTION OF HAZARDOUS SUBSTANCES DIRECTIVE

THIS DECLARATION BECOMES INVALID BY MODIFICATION ON THE DEVICE WITHOUT APPROVAL.

THE TECHNICAL FILE IS AVAILABLE FROM THE MANUFACTURER AT THE ADDRESS ABOVE.

SIGNED FOR AND ON BEHALF: AUDIOSCAPE ENGINEERING CO. LLC

PLACE OF ISSUE: DAYTONA BEACH, FL, USA

DATE OF ISSUE: NOVEMBER 1ST, 2023

NAME: CHRIS YETTER

POSITION: OWNER

SIGNATURE:

THE PURPOSE OF THIS EG DIRECTIVE 2003/108/EG IS, AS A FIRST PRIORITY, THE PREVENTION OF WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE), AND IN ADDITION, THE REUSE, RECYCLING AND OTHER FORMS OF RECOVERY OF SUCH WASTES SO AS TO REDUCE THE DISPOSAL OF WASTE. PLEASE ASSIST IN KEEPING OUR ENVIRONMENT CLEAN.

