



CV-12

Multi-Pattern Tube Condenser Microphone

INTRODUCTION

Congratulations on your purchase of the AVANTONE CV-12 Microphone!

Your AVANTONE CV-12 Tube mic is carefully packed at the factory. Our padded, wooden mic box housed inside its aluminum travel case is designed to protect the mic during shipping and storage. In addition, a final inspection and testing is performed here in the USA to make sure the mic is ready for you to reliably enjoy.

DESCRIPTION

The AVANTONE "Cabernet (C-series)" mics from AVANTONE PRO are designed to offer true professional performance. They will meet or surpass the performance and specifications of much higher priced mics.

The AVANTONE CV-12 is truly a gorgeous looking and sounding microphone. The design, character and performance is comparable to some of the very finest vintage tube mics of the 1950's and 1960's...but at a fraction of their cost!

The rugged CV-12 microphone body and capsule assembly are precision machined of BRASS.

Aesthetically, it features an elegant Metallic Cabernet Wine-Red finish, accented with polished nickel trim and grill.

The transformer coupled tube circuitry has its origins in famous European vintage designs.

Manufactured using the finest materials yielding a very solid feel, superb structural integrity and rugged reliability.

Any studio can proudly offer the CV-12 as a primary vocal mic...It exudes class visually as well as sonically.

The versatile AVANTONE CV-12 mic is able to produce professional results with a warm, pleasing sonic character

The included Custom Retro Shockmount is superb in allowing a precise positioning of the mic while inhibiting the unwanted vibrations up into the mic. This isolation allows for superior professional results.

9-Pattern Tube microphone with dual 32mm gold sputtered thin Mylar capsule assemblies.

Military grade -10dB pad and 80Hz roll off switches.

"Hand Selected" Russian made 6072A tube.

Each CV-12 Mic has a serial number

Uses include:

Studio vocals, acoustic guitar, mandolin, drum overheads, piano, room mic, etc...

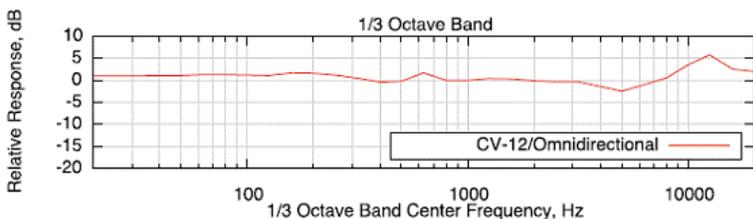
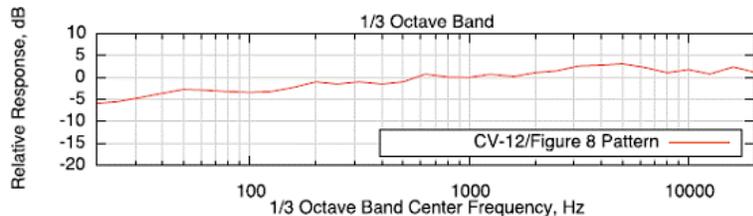
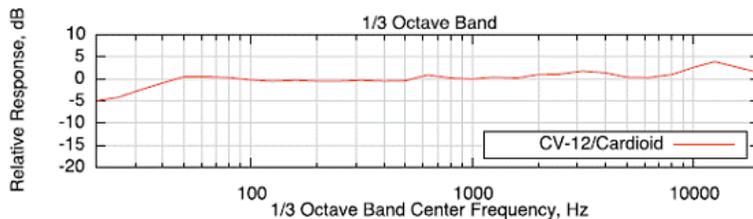
STANDARD ITEMS SUPPLIED

- AVANTONE CV-12 Tube Microphone
- AVANTONE Custom Retro Shockmount
- AVANTONE PS-12 Multi-Pattern Power Supply with cables
- Elegant padded genuine wooden Mic box
- Padded Aluminum storage / travel case
- Owner's Manual

SPECIFICATIONS

Type:	Tube-Type True Condenser
Capsule:	Dual-sided 32mm center-terminated gold-sputtered Mylar (6 micron)
Polar Pattern/s:	9 Patterns selectable at PS-12 Power Supply
Frequency Response:	20-20,000Hz +/- 3dB
Output Impedance:	<=250 Ohms / transformer isolated
Maximum SPL :	136dB (0.5% THD @ 1000Hz) 146dB with pad engaged
Equivalent noise level	17dB (A weighted EC651)
S/N Ratio re 1Pa :	78dB
Sensitivity	-38dB
Output Connector:	Male XLR 7 pin with special power supply and cables
High-Pass Switch	80 Hz 6dB/octave
Attenuation Switch	-10dB
Included Accessories:	Wood Box, Shockmount, 7-pin cable, metal Road Case, PS-12 Power Supply
Power Requirement:	Dedicated PS-121 Power Supply, 115/230VAC selectable
Weight:s.	.8kg / 1.8 lb.
Dimensions:	237mm x 46mm (9.5" x 1.8")
Finish:	Polished Nickel trim / Metallic Cabernet Red Body

Specification and design subject to change for improvement purposes without prior notice E&OE



FEATURES

- Manufactured using the finest materials yielding a very solid feel, superb structural integrity and rugged reliability.
- The versatile CV-12 mic is able to produce professional results with a warm, pleasing sonic character.
- The included Custom Retro Shockmount is superb in allowing a precise positioning of the mic while inhibiting the transfer of unwanted vibrations up into the mic. This isolation allows for superior professional results.
- The PS-12 power supply offers access not only to the above OMNI, CARDIOID, and FIGURE-8 patterns but also 6 "in-between" settings. Most vocals will be best suited to Cardioid pattern but you may experiment to satisfy yourself. The omni-mode works well in some rooms for ambient room mic usage
- -10 dB pad & 80 Hz LF roll off switches.

CARE AND PRECAUTIONS

- When not in use please store your mic in the provided padded case.
- It is advisable to use a high quality Pop Filter such as the AVANTONE PRO-SHIELD to protect the capsule against 'plosive' blasts like "P", "K", "T" etc.
- Always protect your mics from any hard jolts and vibrations. Although they are ruggedly constructed, they are professional tools and should be treated with respect. Always handle with complete care.
- For best performance & longevity, do not expose the microphones to moisture or smoke.
- Do NOT open up the mic while it is plugged in & powered up!

LIMITED 5 YEAR WARRANTY

AVANTONE PRO AVANTONE microphones are warranted by AVANTONE PRO to be free from defects in materials and workmanship for the period of 5 YEARS to the original purchaser. In the event of such defects, the AVANTONE PRO product will be repaired without charge or, at our option, replaced with a new one if delivered to AVANTONE PRO prepaid, together with the sales slip or other proof of purchase date. The warranty excludes problems due to normal wear, abuse, shipping damage or failure to use the product in accordance with the specifications. This warranty does not apply if the product has been damaged by accident or misuse, or as a result of repair or modification by other than an AVANTONE PRO customer service facility authorized to service this product.

All parts are covered under this Limited 5 Year Warranty.

AVANTONE PRO shall not be liable for damages based upon inconvenience, loss of use of the product, loss of time, interrupted operation or commercial loss or any other damages, whether incidental, consequential or otherwise. This warranty gives you specific legal rights, and you may have other rights, which will vary from state to state



The AVANTONE CV-12 complies with all applicable CE/RoHS/WEEE European Union directives

SERVICE

Do not attempt to service this unit yourself, as it will void your warranty. Please check your unit carefully upon receipt and return to place of purchase immediately if there are any problems with the product. After that, the standard AVANTONE 5 YEAR warranty will apply to defects in materials and workmanship.

(U.S.A) Should your AVANTONE PRO microphone require service, please contact the AVANTONE PRO Service Department: info@avantonepro.com.

(INTERNATIONAL) For service or warranty assistance, please contact the AVANTONE PRO distributor in your country through the dealer from whom you purchased this product.

Another fine product from...

AVANTONE
PRO

www.avantonepro.com

Avantone Pro
Po Box 748
Tallman NY 10918

Inspected By: _____

Date Inspected: _____

Serial #: _____