A-Designs

quality without compromise

VENTURA$_{SE}$™

Owner’s Manual

WARRANTY:

One Year Warranty – Parts and Labor.

Your Warranty begins on the date of purchase. To activate your Warranty, please fill out and mail the Warranty Card to:

A-Designs Audio
P.O. Box 4255
West Hills, CA 91304
U.S.A.
Or go online to: Adesignsaudio.com

Also, your name may be placed on our mailing list for future updates and new product announcements unless declined.

A-Designs reserves the right to make improvements and/or changes to this product at any time.

Your Warranty Is Void If:

1. This product has been opened by unauthorized personnel.

2. The product serial numbers have been removed or tampered.

3. The product has been damaged by misuse or abuse.

4. Modified and/or repaired by unauthorized personnel.

There Are No User Serviceable Parts Inside.

A-Designs **warrants** that our product(s) conform substantially to the specifications contained in this manual. When used in accordance these specifications, A-Designs warrants for a period of 1 year from the date of purchase to the original purchaser if purchased from A-Designs or its authorized dealers. In the case of a valid warranty claim, your sole and exclusive remedy is A-Designs. A-Designs entire liability under any theory of liability will be, at its option, to repair or replace the product without charge or, if not possible, to refund the purchase price to you. This warranty is not transferable and applies only to the original purchaser of this product.

For warranty service contact A-Designs Audio at 818-716-4153 to obtain a Return Merchandise Authorization (RMA) number. After obtaining the RMA number, ship defective product to A-Designs Audio, P.O. Box 4255, West Hills, CA 91304. Write RMA number on the outside of the shipping box. Be sure to include your name, address and phone number with a copy of original sales invoice and detailed description of the problem. A Designs Audio will not accept responsibility for loss or damage in shipping.

Published by: A-Designs Audio
P.O. Box 4255
West Hills, CA 91304
U.S.A.

Edition 1.0 2005

LEGAL NOTICE

THIS A-DESIGNS AUDIO WARRANTY SUPPERCEDES OF ALL OTHER WARRANTIES WHETHER ORAL, WRITTEN OR IMPLIED.

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PURCHASER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS WARRANTY SHALL BE TO REPAIR OR REPLACEMENT AS SPECIFIED HEREIN.

UNDER NO CIRCUMSTANCE WILL A-DESIGNS AUDIO BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL, INCREMENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY DEFECT IN THIS PRODUCT.

THOSE DAMAGES INCLUDE BUT NOT LIMITED TO LOST PROFITS, DAMAGE TO PROPERTY AND, TO THE EXTENT PERMITTED BY LAW, DAMAGE FOR PERSONAL INJURY; EVEN IF A DESIGNS AUDIO HAS BEEN ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES.

Introduction

A-Designs Audio Inc.

Introduces the VENTURA*SE*

A-Designs Audio Inc. is proud to produce a new improved design of the Ventura to professionals in audio recording.

We call it the **VENTURA*SE***.

Our goal is to bring a high quality, high fidelity, solid state design to market that will integrate with the digital world

and at the same time deliver analog warmth with a hint of color and richness to your recordings.

Hand-built in the US, this **NEW** A-Designs' device features three separate inputs and three separate outputs – microphone, instrument and EQ – which may be used together or independently. The product is also equipped with a highly musical three-band parametric EQ and high/low filters, as well as two independent transformer balanced XLR outputs - mic/instrument and EQ.

The heart of the **VENTURA*SE*** is its specially designed discrete bipolar transistor operational amplifier that operates on high voltage rails. This opamp is a high-gain, fast-slew rate, stable audio block with virtually no DC offset over the audio spectrum and is capable of driving a very low load with little current draw. It is used in the microphone preamp, instrument input amp and main and EQ and output stages.

Features

- Solid State Design
- Three Specially Designed Discrete Operational Amplifiers
- Jensen Input Transformer
- Cinemag Output Transformers
- Single 1U Rack Space Steel Chassis
- Neutrik XLR Input and Output Connectors
- **NEW** - Individual Input and Output for Each Section – Mic, **Instrument** and EQ
- Separate Gain Controls for Mic and Instrument Input Sections
- **NEW** – Output Gain Switch for the Instrument Section
- -20dB Mic Pad Switch
- +48Vdc Phantom Mic Power
- Phase Switch for the Mic
- Blue LED Power Indicator
- ON/OFF Switch
- Toroidal Power Transformer
- Discrete Mic Preamplifier with 72dB of Gain
- Discrete Instrument Input Preamplifier
- Red LED Phantom Indicator
- True Three Band Parametric Equalizer
- 2 Filters - High Pass / Low Pass
- TRS Balanced Insert Return / EQ Input
- Silver Contact High Durability Toggle Switches

In line with our company policy of continuous development, the above features are subject to change without notice.

Specifications

TECHNICAL DATA

Input Impedance
- Microphone . . . . . 1.4k ohms typical
- Instrument. . . . . 20Meg ohms nominal
- Insert / EQ Input. . . . . 15K ohms

Gain Input Range
- Microphone . . . . . -62dbv to +30dbv
- Instrument 70db
- Insert / EQ . . . . . 0dbv to +26dbv

Noise (EIN) . . . . . -120dbm

Phantom Power . . . . . +48VDC

Balanced XLR Outputs . . . . . 600 ohms nominal

Frequency Responses. . . . . better than 20Hz to 20KHz

Distortion 0.01%

Power Requirements . . . . . 120 / 230 VAC - 23 Watts

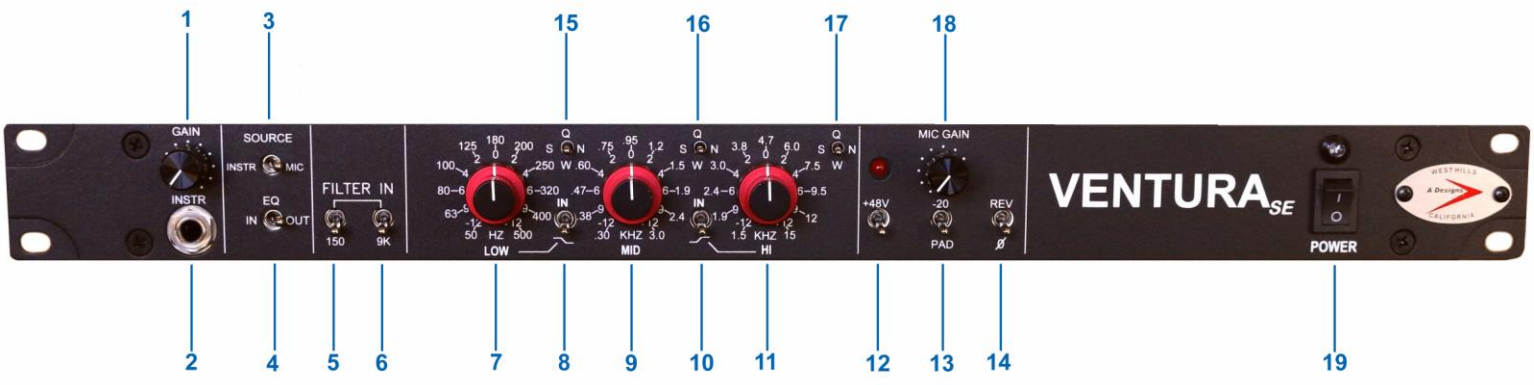
Dimensions . . . . . 19” x 1.75” x 10”

Weight . . . . . 14lbs. - 16.5 lbs. shipping weight

In line with our company policy of continuous development, the above specifications are subject to change without notice.

Functions

Front Panel



1 **Gain Control Pot** – Adjusts the level of the Instrument Input Preamplifier.

2 **Instrument Input Jack** – Use this ¼" unbalanced phone jack with high impedance Instruments like guitars and synthesizers.

3 **Source** – Determines which Input is sent to the EQ/Mult, Mic or Instrument.

4 **EQ Switch** – Activates the Three Band Equalizer section.

5 **High Pass Filter Switch** – 150 Hz low roll-off is a 12db, 2nd order slope with the switch in the up position and works independent of the Equalizer.

6 **Low Pass Filter Switch** – 9K Hz high roll-off is a 12db, 2nd order slope with the switch in the up position and works independent of the Equalizer.

7 **Low Band Concentric Switch** – Black Inner Knob is the cut/boost gain switch for that band – Red Outer Knob selects the Frequency affected.

8 **Low Band Shelf Switch** – In the up position it changes the Low Band from peak to a shelf type. Also, it defeats Low Q Switch.

9 **Mid Band Concentric Switch** – Black Inner Knob is the cut/boost gain switch for that band. – Red Outer Knob selects the Frequency affected.

10 **High Band Shelf Switch** – In the up position it changes the High Band from peak to a shelf type. Also, it defeats High Q Switch.

11 **High Band Concentric Switch** – Black Inner Knob is the cut/boost gain switch for that band. – Red Outer Knob selects the Frequency affected.

12 **Phantom Power Switch** – In the up position, applies +48Vdc to pins 2 and 3 of the Microphone input Jack. The Red LED will light when Phantom Power is on.

13 **Pad Switch** – in the up position, applies a -20db attenuation to the Mic Input signal.

14 **Phase Reverse Switch** – In the up position, flips the Mic Input signal 180 degrees out for phase.

15 **Low Q Position Switch** – S = Sharp 2.4 curve, W = Wide .7 curve, N = Narrow 7.7 curve.

16 **Mid Q Position Switch** – S = Sharp 2.4 curve, W = Wide .7 curve, N = Narrow 7.7 curve. (Mid Q is not affected by the position of either shelf switch)

17 **High Q Position Switch** – S = Sharp 2.4 curve, W = Wide .7 curve, N = Narrow 7.7 curve.

18 **Microphone Gain Control Pot** – Adjusts the level of the Microphone Preamplifier.

19 **Power Switch with LED Indicator** – Blue LED will light when the unit powered on.

Rear Panel

20 **IEC Cord Connector** – AC Power Mains

21 **Fuse/AC Power Settings** – Holds the Fuse and 110VAC to 220VAC Jumpers.

22 **Fuse Amperage Ratings** – Guide to match Fuse to your Wall Voltage.

23 **Microphone Input** – Balanced XLR with Pin Two Hot at + 4 dbm.

24 **Mic/Instrument Output Mult** – Balanced XLR with Pin Two Hot at + 4 dbm.

25 **EQ Input/Insert** – Balanced TRS Input for Equalizer only or FX return.

26 **Instrument Gain Switch** - Changes the Instrument output gain, High/Low.

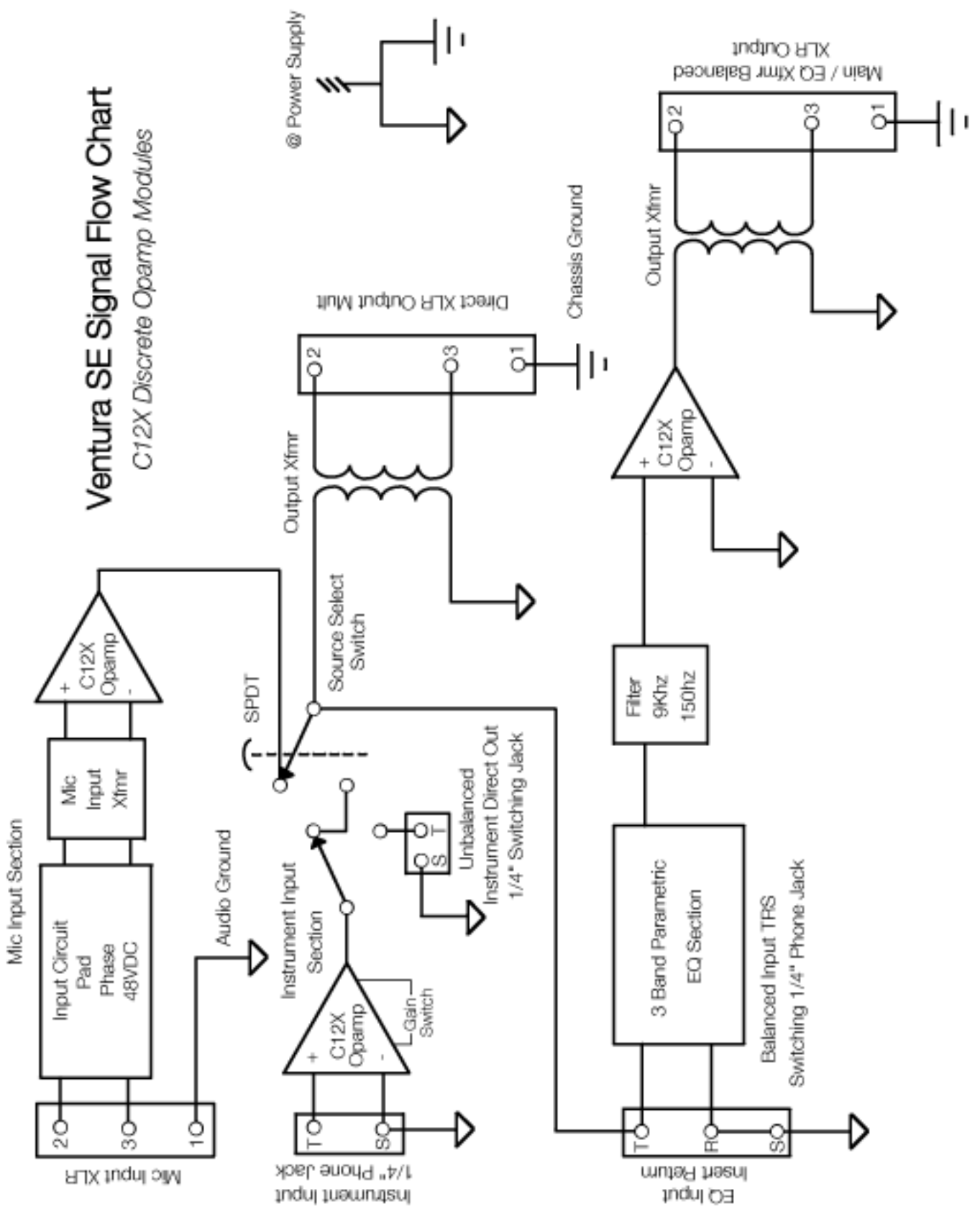
27 **Instrument Direct Output** – Unbalanced Instrument Pre-Amp Output.

28 **Main/EQ Output** – Balance XLR Main System Output with Pin Two Hot at + 4 dbm.

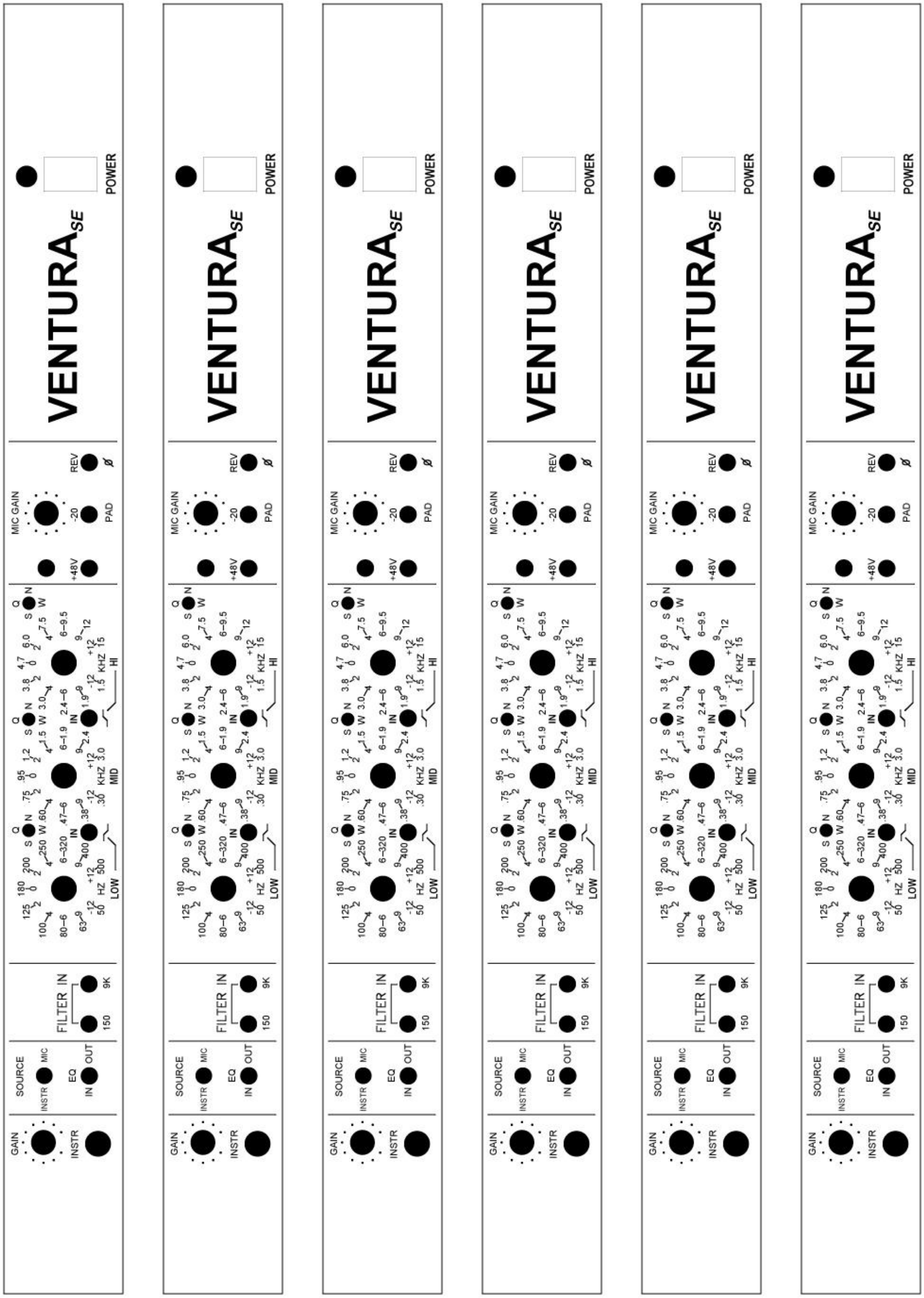
ALWAYS USE GOOD COMMON SENSE WHEN OPERATING ANY ELECTRONIC EQUIPMENT.

IF YOU HAVE QUESTIONS, PLEASE CONTACT YOUR DEALER OR THE MANUFACTURER BEFORE DOING ANYTHING!!!!!

Flow Chart


Ventura SE Signal Flow Chart
C12X Discrete Opamp Modules
@ Power Supply
Main / EQ Xfmr Balanced XLR Output
Direct XLR Output Mult
Chassis Ground
Output Xfmr
Output Xfmr
C12X Opamp
C12X Opamp
Source Select Switch
SPDT
Filter 9Khz 150hz
Mic Input Section
Mic Input Xfmr
Input Circuit Pad Phase 48VDC
Audio Ground
Instrument Input Section
C12X Opamp
Gain Switch
Unbalanced Instrument Direct Out 1/4" Switching Jack
3 Band Parametric EQ Section
Balanced Input TRS Switching 1/4" Phone Jack
Mic Input XLR
Instrument Input 1/4" Phone Jack
EQ Input Insert Return

Recall Sheet



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PRO-AUDIO

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