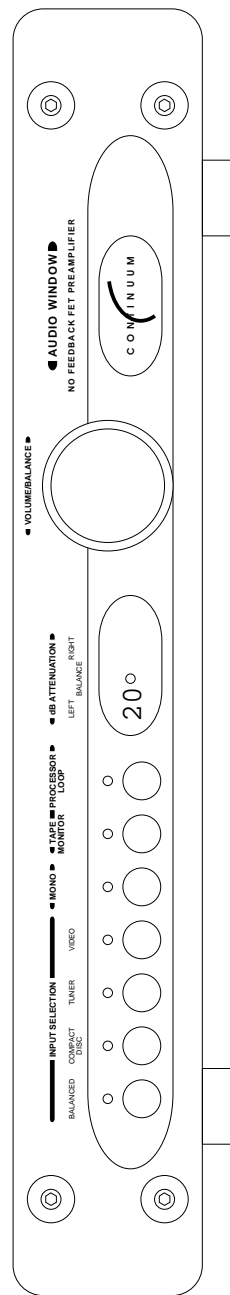


CONTINUUM AUDIO WINDOW OWNERS MANUAL



CAUTION**WARNING**

CAUTION: TO PREVENT ELECTRIC SHOCK, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



THIS SYMBOL IS TO ALERT YOU OF THE PRESENCE OF UNINSULATED DANGEROUS VOLTAGE WITHIN THE UNIT'S ENCLOSURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK.



THIS SYMBOL IS INTENDED TO ALERT YOU OF THE PRESENCE OF IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS IN THE LITERATURE ACCOMPANYING THE UNIT.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD , DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE. TO AVOID ELECTRICAL SHOCK , DO NOT OPEN THE UNIT. REFER SERVICING TO QUALIFIED PERSONNEL.

CAUTION

- Never install or remove the power cord from the chassis unless it has been disconnected from the AC power source first.
- Never pull on the power cord when removing it from an AC power source. Grasp it by the plug.
- Do not leave the power cord connected to an AC power source unless it is connected to the unit.
- It is recommend that during extended periods of nonuse that the units power cord be unplugged from its AC power source.
- Route the AC power cord so that it will not be damaged or walked on.

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Thank you for selecting Continuum Electronics. The Audio Window preamplifier is a precision instrument that will provide you with many years of listening enjoyment. Please take a few moments to read this brief manual to insure maximum benefit from your electronic system.

LIMITED FIVE YEAR WARRANTY

Continuum Electronics extends to the original owner coverage of defects in materials and workmanship for a period of five years from date of purchase.

This warranty does not include a) damage in shipment b) damage caused by accidental or intentional misuse or abuse c) units not registered with Continuum Electronics d) damage resulting from unauthorized modifications or repairs. Liability is limited to the repair or replacement, at our option, of any defective component and shall not include damage due to short circuits, property and or consequential damages which may result from the failure of this product.

If this product should ever require servicing, contact:

Continuum Electronics
9941 Horn Rd., Unit A
Sacramento CA 95827
Phone: 1-916-363-4653
Fax: 1-916-363-4627

CUSTOMER RECORD	
MODEL NO.	_____
SERIAL NO.	_____
DATE OF PURCHASE	____/____/____
DEALER NAME	_____
DEALER ADDRESS	_____
CITY	_____
STATE	_____
ZIP	_____
OWNER	_____
STREET ADDRESS	_____
CITY	_____
STATE	_____
ZIP	_____

The remote controlled Audio Window preamplifier is designed with the same level of thoroughness usually reserved for the finest preamplifier gain stages. Analytical, as well as subjective design techniques are all applied in an open-minded fashion with musical perfection as the goal.

On the face plate, the straight forward simple controls and display provide comprehensive functionality to the user. All input selections have LEDs to show when they are in use. A single knob controls both volume and balance, with an LED to show when the knob is in the balance mode. Settings for the volume and balance are precisely indicated by the dB attenuation display.

The input stages use FETs which are transconductance devices, meaning that an input voltage controls an output current. This eliminates complex interactions, reducing the chance of cable characteristics altering the sound. Differential voltage gain provides exceptional rejection of external noise and contributes to the inherent DC stability of the circuit. This allows direct coupling without servo circuitry. The class A complimentary followers used to drive the preamp output are so linear that no feedback correction is required or used. The advantage of this stability, is that transient response is preserved into a wide range of difficult and unpredictable loads.

The supply starts with a toroidal transformer and 14,000 uF of capacitance. A reference voltage is developed by delivering a constant current to zener diodes. The resulting voltage is heavily filtered and delivered through class A followers. The non-reactive low impedance and extremely wide bandwidth yields a perfect stable power source for the gain stages.

Rear panel connectors include XLRs which have the advantage of greater noise rejection than RCAs. The AC power entry module has a line fuse, a spare fuse and a power switch. Since the power draw is low, the preamp may be left on, except when installing, changing cables, or changing system components.

REAR PANEL CONNECTIONS

You may place the Audio Window wherever is convenient. However, because of their large power supplies, amplifiers produce a local magnetic field that may be picked up by low level circuitry such as preamplifiers turntables and the like. For this reason you should provide at least a foot of space between the Audio Window and your amplifier.

Be certain the Audio Window and all associated equipment is turned off before making any connections.

A. SELECTOR INPUTS

Signal input is made through two XLR (balanced) type connectors and six gold plated RCA (unbalanced) type connectors. The XLR pin configuration is as follows; ground is pin 1, positive is pin 2, negative is pin 3.

B. TAPE MONITOR

Signal input and output connections for a recording device.

C. PROCESSOR

Signal input and output connections for an audio processor (surround sound processor, equalizer, etc.).

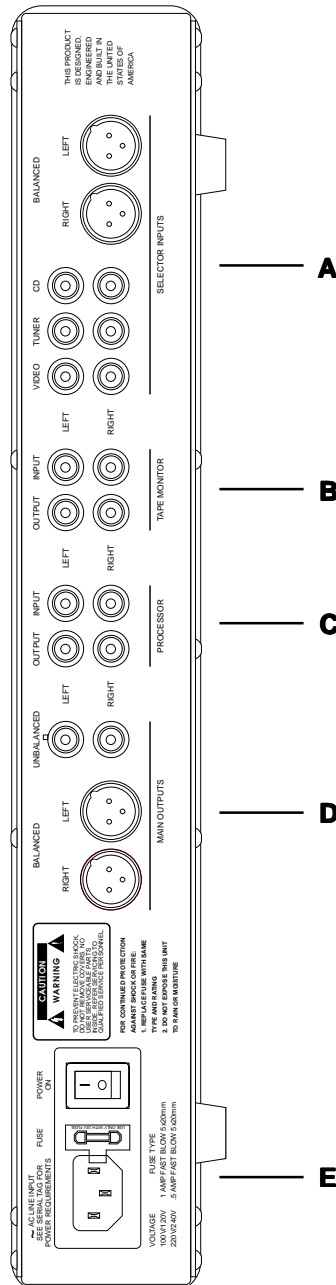
D. MAIN OUTPUTS

Signal output to your amplifier is made through two gold plated RCA (unbalanced) type connectors and two XLR (balanced) type connectors. The XLR pin configuration is as follows; ground is pin 1, positive is pin 2, negative is pin 3.

E. AC LINE INPUT

Insert the power cord into the AC receptacle and then connect it to an appropriate power source. The fuse can be removed by pulling the fuse drawer out and clipping in a new one. Once all connections are made the power switch may be set to the on position. The Audio Window may be left on as it draws a negligible amount of power.

Note: the AC line voltage is preset at the factory but may be changed by your Continuum dealer.



FRONT PANEL CONTROLS

A. VOLUME/BALANCE

Audio level is controlled by this optical pot. Clockwise rotation increases level, counterclockwise rotation decreases level. Left to right balance is made by pressing the knob, which it then becomes a balance control. Rotating it clockwise will reduce the left channel and counterclockwise will reduce the right channel. Pressing the knob again will bring it back to being a volume control.

B. dB ATTENUATION

Left and right volume setting is indicated by this decibel (dB) display. When the display reads 00 there is no decibel attenuation, 78 is the maximum decibel attenuation and the default setting. Just as displays in recorders read 0dB or +3dB for the maximum setting and -20dB to -40dB for the minimum setting the Audio Window display functions in a similar fashion.

In addition the display will flash on and off when the volume is muted.

In between the left and right display is a LED that lights when the VOLUME/BALANCE control is active in the balance mode.

C. PROCESSOR LOOP

For switching in a audio processor (surround sound processor, equalizer, etc.).

D. TAPE MONITOR

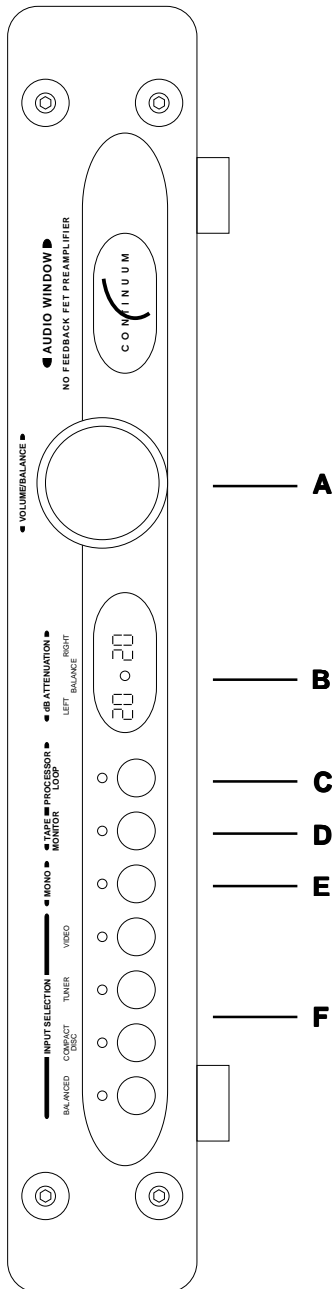
For switching in a recording device (tape deck, mini disk, etc.).

E. MONO

To sum the left and right channels

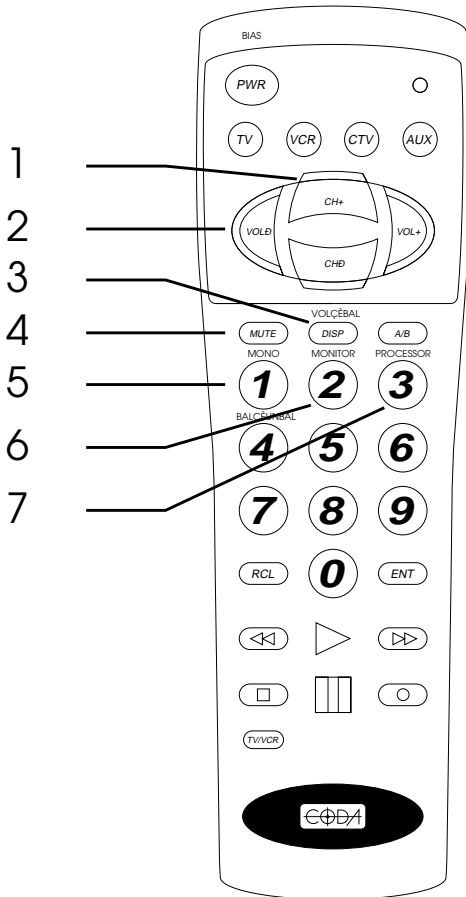
F. INPUT SELECTION

Primary input selection between one balanced (XLR) input and three unbalanced (RCA) inputs. Note that only one selection may be used at a time.



REMOTE CONTROL

The AUDIO WINDOW may be operated by remote control. To operate, set the universal remote to *AUX*. The provided universal remote can be used to control many other audio and video components. For instructions on the remotes other capabilities, refer to the Universal Remote Control Manual.



1. CH SELECTOR

These up and down buttons select the source which will be presented to the unbalanced outputs and balanced outputs.

2. VOL-, VOL+

These buttons control the volume and balance level. VOL-, when in the volume mode, lowers the volume level. VOL+ raises the volume level. VOL-, when in the balance mode, raises the left channel level. VOL+ raises the right channel level.

3. VOL↔BAL

This button toggles the VOL- and VOL+ buttons between volume control and balance adjust.

4. MUTE

This button completely mutes the left and right channels, which is indicated by the flashing display on the Audio Window. To unmute you must press the mute button again. Note: while muted you can still change the volume level.

5. MONO

This button commons the left and right channels.

6. MONITOR

This button switches in a recording device (tape deck, mini disk, ect.).

7. PROCESSOR

This button switches in a audio processor (surround sound processor, equalizer, ect.).

If you wish to clean your preamplifier use a diluted ammonia based window cleaner. Do not use any abrasive cleaners or chemical solvents. Take care not to damage the aluminum faceplate, since aluminum is a medium hardness metal and can be scratched by the careless use of tools during installation.

The preamplifier may overheat and the finish may fade if exposed to direct sunlight or intense heat sources for prolonged periods.

Save your box and packing material, they may be necessary for moving or shipping the unit for servicing by the factory.

FREQUENCY RESPONSE

5Hz to -3dB at 200kHz

DISTORTION

Less than .1% from 10Hz to 40kHz at 6 Volts peak into 600 Ohms or higher, shunted by 1000 pF or less

GAIN

14dB

MAXIMUM OUTPUT

12 Volts peak

NOISE

More than 100 dBA referenced to 1 Volt output

INPUT IMPEDANCE

20k Ohms unbalanced

20k Ohms balanced

OUTPUT IMPEDANCE

50 Ohms non-reactive unbalanced

100 Ohms non-reactive balanced

CROSSTALK

70dB at 20kHz

POWER SUPPLY

Toroidal transformer with 14,000 uF of capacitance

DIMENSIONS

Height: 2.5" Faceplate, 3.0" Overall

Width: 17.0" Faceplate, 17.0" Chassis

Depth: 12.0" Overall

WEIGHT

18 lbs

POWER CONSUMPTION

20 Watts