

**EDGE  
ELECTRONICS**

**LINEAR BY DESIGN  
MUSICAL BY NATURE**

## Owner's Manual



## EDGE Preamplifiers

Si1m Preamplifier.

The following guide will help you use and understand the features of your preamplifier. Also included is technical information necessary to gain the most out of your preamplifier.

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## ■ Unpacking Your Preamplifier

Thoroughly inspect your preamplifier and packing materials for shipping damage. If you discover any damage, contact your EDGE dealer immediately. We recommend saving the packing materials for future shipment. Your preamplifier has been shipped with a removable power cord and warranty card. Please fill out the warranty card and return it to EDGE.

### **WARNING!!!**

Please remove all packaging, and let your unit sit at room temperature for at least 3 hours before plugging it in or attaching any cables. It should NOT be cold to the touch when you hook it up.

***Not doing this may result in damage to your unit!***

## PreAmplifier Placement

Choose a place that will support the weight of your preamplifier and allow you access to the back for cable connections. Your preamplifier dissipates heat through air circulation and must be kept free of any obstruction that would reduce air flow. Never place your preamplifier on a carpeted surface and always allow at least 2 inches of free space above for ventilation. Also allow adequate clearance for the AC cord and signal cables to bend behind your preamplifier, we recommend leaving at least 6 inches for clearance.



**ON / OFF Switch**

**Balance Switch**

**Selector / Input Switch**

**Volume Controls**

## On / Off Switch

*Located on the left side of the face plate.*

**On:** When switch pushed in.

**Off:** When switch is out or flush with face plate

## Selector / Input Switch

*Located in the center right side of the face plate.*

It has five (5) settings: CD, DVD, DSS, AUX 1, & AUX 2.

All inputs are of the same type / gain. Therefore, any audio source can be plugged into any input, **except a phonograph** requires a special gain stage. See your dealer for more details.

### **CAUTION:**

*Never connect or disconnect an Audio Source unless your amplifier and preamplifier are turned off!*

## Volume Control

*Located on the right side of the face plate.*

Right / Clockwise to turn volume up.

Left / Counterclockwise to turn volume down.

Volume is completely off when dial is turned completely to the left.

# Balance Switch

Located in the center left side of the face plate.

This rotary control is used to balance the audio signal to achieve the best sound stage possible.

The Si1m balance control is designed to give *very fine* adjustments for the first 90 degrees of rotation. Proper balance of the signal, left to right, in the room is one of the most overlooked set-up procedures. Room acoustics and room decor can account for .3db to .5db losses from one side to the other.

# Setup & Cable Connections

### WARNING!

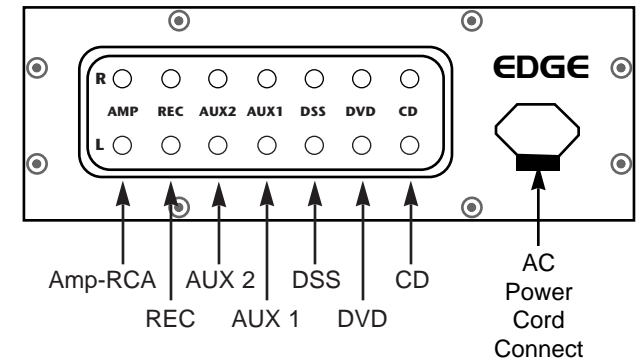
Always make sure the power switches of your preamplifier, amplifier, and source units are OFF and power indicator light is OFF before making or disconnecting ANY connections. Never plug in this unit and any components until all connections are completed.

- Step 1 RCA from Source:**  
Connect your RCA interconnect cables from your source (CD, DVD, DSS, AUX1 and AUX2) to the corresponding left / right RCA input on your preamplifier.
- Step 2 AMP-RCA Interconnects:**  
Connect your RCA interconnect cables from your preamplifier outputs to the corresponding left/right RCA inputs on your amplifier.
- Step 3 Record Interconnects:**  
Connect your record cables from the corresponding left/right outputs on your preamplifier to the recording device. Never plug record outputs directly into your amplifier.
- Step 4 AC Power Cord:**  
Connect your AC cord to the back of the preamplifier and plug it into a grounded, surge-protected outlet.

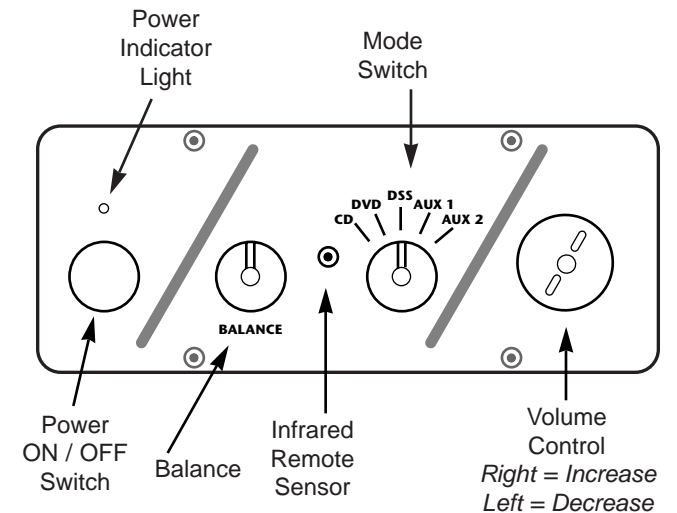
# Back of Si1 PreAmplifier



### BACK



### FRONT



# Turning Unit On & Off

## Turning System On

- Step 1** Turn on the source component you are going to use (CD, DVD, DSS, etc)
- Step 2** Select AC/DC operating mode.
- Step 3** Make sure the volume is turned all the way down.
- Step 4** Turn on your EDGE preamplifier.
- Step 5** Turn on your amplifier.
- Step 6** Select the source component on your EDGE preamplifier corresponding to the source you are going to listen to.
- Step 7** Start the source component and slowly turn the volume control up until you hear music. If there is no sound, turn the volume completely down and refer to the troubleshooting insert included with this manual.
- Step 8** Adjust balance.

## Turning System Off

- Step 1** **ALWAYS** turn off your amplifier **FIRST**, and wait until the power indicator light turns off.

### WARNING:

The internal supply capacitors in many amplifiers store large amounts of energy, and can power your amplifier for several minutes, even after the power switch is turned off. Always wait until the power light turns off before proceeding with shut down of the system.

- Step 2** Turn off your preamplifier.
- Step 3** Turn off your source component.

### HINT:

If you continue to play music after the amplifier is turned off (STEP 1), until the music fades away, the amplifier will drain of the above mentioned stored energy.

# Specifications

- One Toroid transformer - 300 VA
- Two full wave bridge rectifiers - 28,000 uF capacitance
- Three regulation stages - (+/- 24 Volt) (+/- 18 Volt) (+/- 15 Volt)
- One Volume control/Noble aluminum case hybrid
- One On/Off selector
- One Balance control - .5db first 90 degrees of rotation
- Filter Capacitance - 20,000 uF
- Gain - 21db
- Signal to Noise ratio - 87db
- Slew rate - 80volt uS
- Input - single ended RCA type
- Out put Impedance - 50 ohm
- Frequency Response - 5Hz - 300,000Hz + / - .1db
- Distortion - .009 %
- Intermodulation Distortion - .009 %
- One Infrared remote control for volume up and down

## General Rules of Operation

Never operate your preamplifier in a damp or wet location.

Never expose the unit to fluids. If the unit gets wet, IMMEDIATELY unplug the unit FROM THE WALL, and call your EDGE dealer.

Never operate your preamplifier during an electrical storm.

If your preamplifier has been exposed to cold temperatures, allow it to warm up before turning it on.

Never apply liquid cleaners directly to your preamplifier. (See care and maintenance section)

Never attempt to open or service your preamplifier. If a problem occurs, contact your EDGE dealer immediately.

Never replace fuse with a type or value different than those specified. (Fuse is located in AC receptacle)

Never bypass any fuses.

Always turn the volume down on your preamplifier before selecting a new source.

Always disconnect your entire system from the AC power before connecting or disconnecting any cables, components or when cleaning.

Always keep electrical components away from children and pets.

If you have any questions about your preamplifier that is not addressed here, please contact your EDGE dealer.

## Care & Maintenance

To remove dust from your preamplifier, use a feather-duster or lint-free soft cloth. To remove dirt and fingerprints, use a standard non abrasive liquid household cleaner and a soft cloth. Slightly dampen the cloth first and then lightly clean the surface. Never spray or apply the cleaner directly to the preamplifier. Be sure the cloth is DAMP and not saturated to prevent dripping the cleaner into the preamplifier.

## Limited Warranty

EDGE components are warranted to be free from defect in material and workmanship under normal use, for a period of two (2) years, to the original consumer purchaser, from the date of purchase. During the warranty period, and upon proof of purchase, any EDGE component exhibiting defects in materials and/or workmanship, will be repaired or replaced, at our option, without charge for either parts or labor, at our factory. The warranty will not apply to an EDGE component that has been abused or altered.

Any EDGE component not performing properly may be returned (freight prepaid) to the factory for evaluation. The factory will pay for shipping charges to return the unit only in the event that the component is found to be defective as above mentioned. Other stipulations may apply to shipping charges.

Neither this warranty, nor any other warranty including any implied warranties, shall extend beyond the warranty period. No responsibility is assumed for any incidental or consequential damages.



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