

**EDGE**  
**ELECTRONICS**

**LINEAR BY DESIGN**  
**MUSICAL BY NATURE**

## Owner's Manual



### EDGE G Preamplifiers and G Integrated

Thank you for purchasing an EDGE G Series. Years of research and development went into the design of your G Series to give you many years of enjoyment. The following guide will help you use and understand the features of your G Series. Also included is technical information necessary to gain the most out of your G Series Preamplifier or Integrated.

## Product overview

This manual covers G1,G2 and G3 models.

The G 1 Preamplifier operates on the AC voltage derived from the wall outlet.

The G 2 Preamplifier is unique in that it can operate on AC voltage derived from the wall outlet or DC voltage from it's internal gel batteries. It also has the ability to charge its own internal batteries while in the play AC play mode. The benefit of using batteries is that it is true DC; free from the noise and hash that is always present on the AC line. When in DC mode the audio/main transformer is switched off and the batteries supply all the voltage and current necessary to operate the audio section. One transformer supplies voltage to the control board which contain relays, LEDs, and the volume motor.

To keep the signal as intact as possible the G 2 only uses one relay in the signal path. All switching is done at the rear input panel by relays and only the selected signal is allowed to come forward to the audio circuit.

The G 1, G 2 and G 3 uses only RCA type inputs or single ended inputs to preserve the original signal as close as possible through the use of less parts in the signal path. By using balanced line inputs, no matter how good the parts, we still see 2-5% signal degeneration. The fewer the parts in the signal path; typically, the less the original signal will be changed.

The G 3 Integrated uses the same preamplifier section as the G1 with a 75 watt per channel output stage.

## Unpacking

Thoroughly inspect your unit 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 unit has been shipped with a removable power cord and warranty card. Please fill out the warranty card and return it to EDGE.

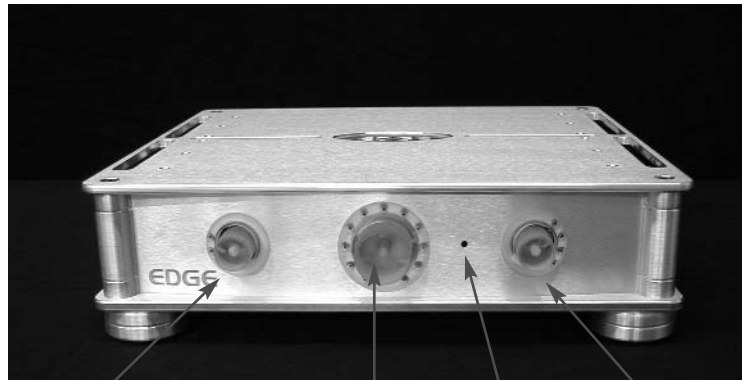
### WARNING!!!

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!

## Component Placement

Choose a place that will support the weight of your unit and allow you access to the back for cable connections. Your preamp or integrated dissipates heat through air circulation and must be kept free of any obstruction that would reduce air flow. Never place your equipment 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 unit, we recommend leaving at least 6 inches for clearance.



Mode switch

Volume Control

IR Sensor

Input Selector

- 1
- 2
- 3
- 4

## Volume Control

Located in the center of the face plate.

Volume can be controlled by manually adjusting the volume knob on the front of the unit or by remote control.

Manually: Always start with the volume in the off (approximately 7 o'clock position). Turn the dial slowly. Volume increases by turning the dial clockwise. You will feel some resistance, this is normal because you will be moving the servo motor also.

Remote control: left button-down volume, right button-up volume  
Remote volume function will still control the dial in the mute mode.

Therefore make sure the volume is turned down before returning to play mode.

IR sensor for remote: Located between the volume control and selector/input switch. Sensor does not light up.



**WARNING!**

Volume must be turned all the way down when switching from mute to other modes!

## Mode Control

Located in the left side of the face plate.

G 1 and G 3 units have 2 position mode control.

Mute -Top position (yellow light) G1 and G3 only  
AC play-bottom position (green light)

G 2 units have 3 position mode control

Mute 1 click above yellow light. On the G2 this position has no markings. All lights, including dial lights, will go out.

AC/Charge Battery (yellow light)-middle position or top marked position: The audio transformer will be switched on, and the power to run the audio circuit will be supplied by the transformer. This will also charge the batteries.

DC (green light) bottom position: The unit will operate in the DC mode. The power to the audio circuit will be supplied by the internal batteries. The volume motor, relays, and LEDs are not run off the batteries in this mode. They are supplied from a separate transformer, therefore the unit will still need to be plugged into the wall outlet. with ON / OFF in the ON position.

## Input Selector Control

Located in the right side of the face plate.



It has four positions: Input 1, 2, 3, 4.

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

Input 1: top position-corresponds to input 1 on the back panel.  
Input 2: one below top-corresponds to input 2 on the back panel.  
Input 3: two below top-corresponds to input 3 on the back panel.  
Input 4: three below top-corresponds to input 3 on the back panel.

Any sources that are plugged into any of the 4 inputs on the unit should be in standby when not being used. (ie: if CD player is not being played put it in pause)



**WARNING:**

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

## On / Off Switch

Located in the right side of the back plate.

Switch OFF: Rocker (with 0) is down. Unit is in the stand-by mode, so no functions are available.

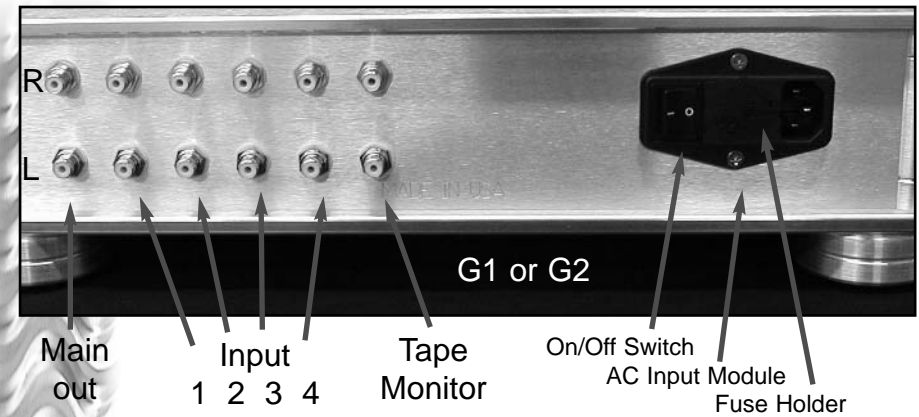
Switch ON: Rocker (with -) is down. Dials on the front of the unit will light up blue when mode selector in AC or DC.

## 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.



## Tape Monitor

Located on the back panel. The 2 RCA jacks on the far right of the set of jacks.

This jack is used to send a nonvarying signal to the tape deck or CD burner, etc. Whatever input is selected on the front panel will also go to the tape monitor jacks. This signal is steady state and will not vary with volume control changes on the preamp.

## Speaker Connections **G 3 model only**

Located center of the back panel

Resetable  
Speaker Fuse



Main  
out

Input  
1 2 3 4

Tape  
Monitor

Speaker Terminals

AC Input  
Module

# 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 Turn preamp volume all the way down.
- Step 4 Turn on your EDGE preamplifier/integrated.
- 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 double check your connections.

## 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 (See STEP 1), until the music fades away, the amplifier will drain of the above mentioned stored energy.

# Charging Batteries G 2 model only

Batteries should be charged at least once a week or after extended DC operation. Charge the batteries for a minimum of 12 hours to give them a full charge. You can charge for longer than 12 hour because you can not over charge the batteries.

Charging can also be done while the preamp is still playing music.

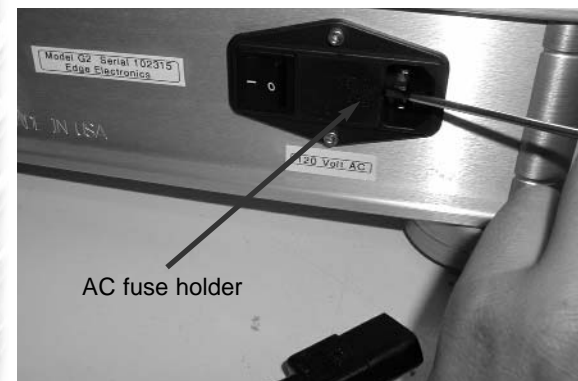
Put preamp Mode Control in the middle position (yellow light will come on) to charge the batteries.

# AC Input Module

Located on right side of back panel.

This module serves as your master on/off switch, AC wall connection and main fuse holder.

Check or Change fuses: A spare fuse is located in the fuse holder. See picture below. First turn off amplifier then turn off and unplug the preamplifier. Locate the word "use only with 250v fuse" on the AC Module about the middle and to the right edge of where the AC cord came out. Now using a straight edge screw driver gently pry out the center section of the module. this is the fuse holder. You will find the fuse and a spare inside.



Insert flat edge of screw driver in slot and gently pry the center section out.

Fuse and spare are inside.

## Care & Maintenance

To remove dust from your unit, 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 unit. Be sure the cloth is DAMP and not saturated to prevent dripping the cleaner into the unit.

## 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.

## General Rules of Operation

Never operate your component 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 component during an electrical storm.

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

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

Never attempt to open or service your component. 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 Input Module)

Never bypass any fuses.

Always turn the volume down on your component 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 component that is not addressed here, please contact your EDGE dealer.



### WARNING!

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



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