# MOTIVA\*



## STEPLTH

PA-1 Balanced Class-D Monoblock Power Amplifier User Manual

## **Important Safety Precautions and Explanation of Symbols**



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important installation, operation, and service instructions in this manual.



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltages within the enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to the user.

Please read this manual thoroughly before attempting to install, configure, or operate the Stealth PA-1 Balanced Class-D Monoblock Power Amplifier. After successful installation and configuration of the PA-1 amplifier, be sure to retain this manual in a safe place for future reference.

Safety is a key component to a long lasting and trouble free installation. Please read and follow all instructions and heed all warnings on the PA-1 amplifier and in this manual. The vast majority of the subsequent safety precautions are common sense. If you are not comfortable with the installation of audio/video entertainment equipment, you should seek the services of a qualified installation professional or call us for help.



WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT USE THE STEALTH PA-1
AMPLIFIER NEAR WATER OR IN WET LOCATIONS, DO NOT EXPOSE IT TO RAIN OR MOISTURE, DO NOT
EXPOSE IT TO DRIPPING OR SPLASHING FROM OTHER SOURCES, AND ENSURE THAT NO OBJECTS
FILLED WITH LIQUIDS (SUCH AS VASES) ARE PLACED ON IT. DOING SO MAY RESULT IN DAMAGE TO
THE UNIT AND THE RISK OF ELECTRIC SHOCK, WHICH MAY RESULT IN BODILY INJURY OR DEATH.



WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER FROM THE STEALTH PA-1 AMPLIFIER. THERE ARE NO USER-SERVICEABLE PARTS INSIDE THE UNIT. REFER ALL SERVICE TO QUALIFIED SERVICE PERSONNEL.

Do not install the PA-1 near or above any heat sources such as radiators, heating vents, or other apparatus' that produce heat. Do not block any ventilation openings or heat sinks. Avoid installing the unit directly above other heat-producing equipment unless sufficient ventilation or forced-air cooling is provided.

Do not install the PA-1 in locations without proper ventilation. The PA-1 should not be operated on a bed, sofa, rug, or similar surface that may block vents. The unit should not be installed in an enclosed location such as a bookcase, cabinet, or closed equipment rack unless sufficient forced-air ventilation is provided.

Always install your PA-1according to the manufacturer's instructions and only use attachments or accessories specified by the manufacturer.

Do not install the PA-1 on any stand, shelf, or other piece of furniture that is unable to support its weight. If a cart is used to move the unit, use caution to avoid injury from tip-over.

Connect the PA-1 only to power sources of the correct voltage (as shown in this manual and on the PA-1).

Protect power supply cables from being pinched, walked on, or otherwise damaged. Be especially careful where the power cable enters the power outlet and the unit.

Only connect the PA-1 to an electrical outlet or extension cord of appropriate type and rating.

DO NOT defeat the safety purpose of a grounding or polarized plug by removing ground pins or using unsafe adapters. A polarized plug has two blades - one wider than the other. A grounding plug has a third ground prong in addition to the two main conductors. The wide blade or third groundling prong is provided for your safety. If the provided plug does not fit your outlet, consult an electrician to replace your obsolete outlet. If you replace the power cord, only use one of similar type and equal or greater current rating.

The power cable for the PA-1 should be unplugged from the outlet during severe electrical storms, or when unused for a long period of time.



The Stealth PA-1 should only be cleaned as directed in the manual. Avoid spraying liquids directly onto the unit and NEVER spray liquids into the vents. Care should be taken so that small objects do not fall into the inside of the unit

You should seek service for your PA-1 amplifier by qualified service personnel if any of the following occur:

- 1. The power-supply cord or the plug has been damaged.
- 2. Objects or liquid have fallen or spilled into the vents.
- 3. The unit has been exposed to rain.
- 4. The unit exhibits a marked change in performance.
- 5. The unit has been dropped, or its enclosure or chassis is damaged.

NOTE: TO COMPLETELY DISCONNECT THE PA-1 AMPLIFIER FROM THE AC POWER MAINS, DISCONNECT THE AC POWER CORD FROM THE AC RECEPTACLE.

NOTE: THE POWER CORD ON THE PA-1 AMPLIFIER MUST REMAIN READILY ACCESSIBLE AT ALL TIMES.



WARNING: THE AMPLIFIER CIRCUITRY USED IN THE STEALTH PA-1 UTILIZES A FULLY BALANCED BRIDGE TOPOLOGY OPERATED FROM A SINGLE DC POWER SUPPLY. BOTH OF THE SPEAKER OUTPUTS ON THE PA-1 CARRY AN ACTIVE SIGNAL, AND BOTH REST AT A DC VOLTAGE POTENTIAL OF APPROXIMATELY +27 VDC. ALWAYS MAKE SPEAKER CONNECTIONS WITH THE PA-1 TURNED OFF AND THE AC POWER DISCONNECTED.

- CONNECT BOTH SPEAKER OUTPUTS <u>ONLY</u> TO THE INPUT TERMINALS ON A PASSIVE LOUDSPEAKER.
- DO NOT CONNECT THE OUTPUTS OF THE PA-1 TO ANY DEVICE WITH A COMMON GROUND.
- DO NOT CONNECT THE BLACK (-) SPEAKER TERMINAL ON THE PA-1 TO GROUND.
- DO NOT CONNECT THE MINUS (-) TERMINAL ON YOUR LOUDSPEAKER TO GROUND.

DOING SO MAY RESULT IN DAMAGE TO THE PA-1, YOUR SPEAKER, OR YOUR OTHER EQUIPMENT.









## Stealth PA-1 Balanced Class-D Monoblock Power Amplifier

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## Introduction

Thank you for purchasing the new Emotiva Stealth PA-1 Class-D Monoblock Power Amplifier.

The Stealth PA-1 is a high performance monoblock power amplifier featuring the highly acclaimed ICEpower 300ASC Class-D amplifier module. The PA-1 combines compact size, high efficiency, and excellent sound quality in a single convenient package.

The Stealth PA-1 is the ideal solution anywhere a small great sounding power amplifier is needed. Use one to power a center channel speaker, use a full set to power your entire home theater system, or use several of them to add extra channels to your current audio system. Each PA-1 delivers 140 watts RMS into 8 Ohms, or 300 watts RMS into 4 Ohms, and runs cool, so it only requires minimal ventilation. Because it's so small, the PA-1 fits conveniently on any shelf, and rack mount kits are available to mount a single PA-1, or a pair of them side by side, in a single 1U rack space.

Not only does the Stealth PA-1 sound great, but it's also simple to configure and use. The PA-1 runs on any line voltage between 100 VAC and 264 VAC, accepts a balanced input using either an XLR or balanced 1/4" connector, and can be configured to remain on continuously or to automatically switch itself on when it detects an incoming audio signal. Comprehensive protection circuitry protects the PA-1 from a variety of faults, without intruding on the quality of your music during normal operation, and automatically resets itself once the fault is removed.

Happy listening!

The Emotiva Team

## **Features**

The Stealth PA-1 is a very efficient, high performance, small footprint, fully balanced Class-D monoblock power amplifier that delivers excellent technical performance and audiophile sound quality.

## Features of the new Stealth PA-1 include:

- Audiophile-quality sound As with all of our amplifiers, the Stealth PA-1 was designed
  to deliver both great technical performance and superb sound quality in a variety of audio
  applications.
- **Proven Class-D technology** The Stealth PA-1 is based on the ICEpower 300ASC Class-D amplifier module. The ICEpower 300ASC, and other modules in the ICEpower amplifier family, have been in widespread use in a variety of high-end audiophile applications for several years, and have a proven history of superb sound quality and excellent reliability.
- **Bulletproof automatic circuit protection** The Stealth PA-1 continuously monitors its operating temperature, and scans for fault conditions like shorted connections and invalid input signals. If a fault is detected, the PA-1 will mute its output until the fault is removed. The status is updated every few seconds and, as soon as the fault is removed, the PA-1 will automatically return to normal operation.
- Rated for low impedance loads The Stealth PA-1 is rated to drive loads from 2.7 Ohms to 8 Ohms, and so will work well with virtually all loudspeakers and passive subwoofers.
- **DC servo-controlled output offset adjustment** The output voltage of the PA-1 is continually monitored and adjusted by a servo circuit to ensure a very low DC offset voltage at the speaker terminals.
- Gold plated five-way speaker binding posts with clear shields allow you to use a wide range of speaker cables with bare wires, lugs, or banana plugs.
- **Integral switch mode power supply (SMPS)** The ICEpower 300ASC includes its own builtin, high performance switch mode power supply for optimum performance and reliability.
- **Universal AC line voltage operation** The Stealth PA-1will automatically detect and operate on any AC line voltage from 100 VAC to 264 VAC at 50 Hz or 60 Hz.
- **Small footprint and cool operation** The Stealth PA-1 features a small footprint, and generates very little heat, which makes it the ideal choice where space is at a premium.
- **Universal balanced input connection** The combination input on the Stealth PA-1 accepts both XLR and 1/4" balanced input connections. The PA-1 can also be operated from any unbalanced input source with the addition of a simple low-cost passive adaper.
- **Standard IEC power inlet** The standard IEC power inlet fits all standard and audiophile IEC power cables.
- **Fully five year warranty** Our full five year warranty ensures that you'll be able to enjoy your Stealth PA-1 for years to come.

You can find more information about the Stealth PA-1 on our website at www.emotiva.com.

## Unpacking

Your Stealth PA-1 Class-D Monoblock Power Amplifier was carefully packed and should reach you in perfect condition. If you notice any shipping damage or other issues when you unpack it, please contact Emotiva immediately.

Gently remove your PA-1 from the packing carton and remove all wrappings and shipping material.

It is important to save the box and all packing materials in case your power amp ever needs to be moved or shipped back to the factory for service.

We truly value customer feedback and would like to hear from you.

## **Connections**



WARNING: THE AMPLIFIER CIRCUITRY USED IN THE STEALTH PA-1 UTILIZES A FULLY BALANCED BRIDGE TOPOLOGY. BOTH OF THE SPEAKER OUTPUTS ON THE PA-1 CARRY AN ACTIVE SIGNAL AND A SMALL COMMON DC OFFSET.

Both speaker output terminals on the PA-1 rest at a DC potential of approximately +27 VDC. This DC potential is carefully controlled and balanced by the servo-control circuitry in the PA-1, and is NOT applied across your loudspeakers.

- Always make speaker and input connections to the Stealth PA-1 with the amplifier turned Off.
- ONLY connect the speaker outputs on the PA-1 to the teminals on a PASSIVE loudspeaker.
- DO NOT connect the outputs of the PA-1 to any device with a common ground.
- DO NOT connect either output terminal on the PA-1 to another amplifier.
- DO NOT connect the black (-) OUTPUT terminal on the PA-1 to ground.
- DO NOT connect the minus (-) terminal on your loudspeaker to ground.

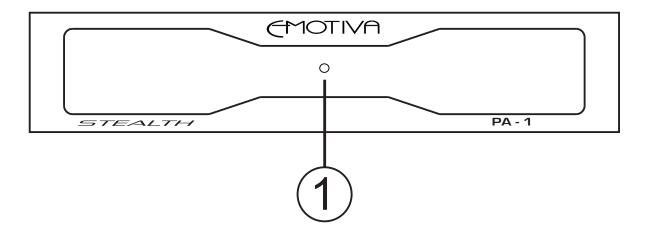
Failure to heed these warnings will result in improper operation of your Stealth PA-1 and may damage the PA-1 or your other equipment.

## Connecting speakers to your Stealth PA-1

The Stealth PA-1 provides audiophile grade five-way binding posts for connecting your loudspeakers. Because the PA-1 utilizes a fully balanced bridge topology, there are a few extra things to consider when connecting the PA-1 to a loudspeaker.

- **Always** turn off the amplifier before connecting or disconnecting speaker cables.
- **Always** verify that your speaker cables are firmly attached, and not shorted to each other or to any other cables, before powering up your PA-1.
- **DO NOT** connect either of the speaker outputs on the PA-1 to any device, including speaker switches or powered loudspeakers, that utilizes a common ground.
- **DO NOT** allow either terminal on your speaker cable to come into contact with ground while the speaker is connected to the PA-1.
- Always use high-quality speaker wire; 16-gauge or heavier.
- Be careful to wire all speakers "in phase" (the plus/red terminal on each speaker to the plus/red terminal on your amp).
- Try to use wires of equal length and gauge for both speakers in each pair (use the same gauge and length for both fronts, or for both surrounds; don't use a long 16-gauge wire for one speaker and a short 10-gauge wire for the other).
- If you use stranded cables, use care to avoid short circuits (from stray strands touching).
- If you are planning to bi-amp your speakers, make sure to remove the bi-amp jumpers on the input panel of each speaker. Failure to remove the jumpers will damage your amplifier.

## **Stealth PA-1 Front Panel**



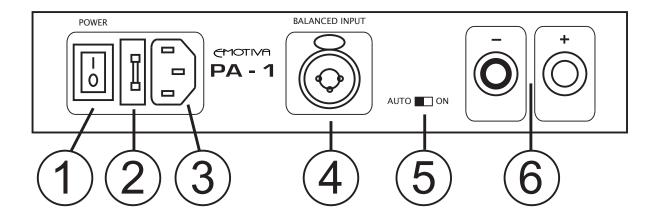
## 1. Power LED

There is a single LED located in the center of the front panel.

This LED is off when the PA-1 is Off or in Standby Mode and blue when the PA-1 is On.

Note: Under most fault conditions, such as a shorted speaker cable, the PA-1 speaker output is muted BUT THE BLUE LED REMAINS LIT. Once the fault has been removed, the PA-1 will typically return to normal operation after three to five seconds, with no user reset required.

## **Stealth PA-1 Rear Panel**



#### 1. AC Power Switch

Switches the main AC power to the Stealth PA-1 On and Off. When this switch is Off, the PA-1 will not operate; when this switch is On, the PA-1 will either be continuously on, or will turn on when it senses an input signal, depending on the position of the Auto/On Switch.

## 2. AC Power Fuse

The Stealth PA-1 is protected by a 20 mm 3.15A Time Delay (Slo-Blo) fuse. If the fuse blows, replace it with a new fuse of the same value; be sure to use a time delay type fuse. The same fuse value is used for both 115 VAC and 230 VAC operation.

To change the fuse, turn off the main AC power, and remove the AC power cord from the PA-1. The fuse holder slides towards you out of the PA-1 like a drawer. To release the fuse holder, reach across the opening in the power cord receptacle with a small bladed screwdriver and pry the small tab on that side of the fuse holder cover straight out towards you. Replace the fuse and then replace the fuse holder; pressing it firmly in until it snaps into place.

## 3. IEC Power Cable Receptacle

The Stealth PA-1 uses a standard IEC power cable. A good quality commercial power cable is provided, but you can substitute any power cable that fits a standard IEC receptacle.

The Stealth PA-1 will operate on any AC line voltage between 100 VAC and 264 VAC.

## 4. Balanced Input

The Stealth PA-1 offers a fully balanced audio input. The universal input connector on the PA-1 accepts a standard balanced XLR connector, a stereo 1/4" phone connector wired for a balanced connection, or a monaural 1/4" phone connector wired for an unbalanced connection.

If your source device only offers an RCA unbalanced output, you can easily find low cost adapters and adapter cables that go from an RCA connector to an XLR connector or a 1/4" phone connector.

## 5. Auto/On Switch

When the Auto/On Switch is on the On position, operation of the Stealth PA-1 will be controlled solely by the AC Power Switch. The PA-1 will turn on immediately when the AC Power Switch is turned On, and will turn off immediately when the AC Power Switch is turned Off.

When the AC Power Switch is in the On position, and the Auto/On Switch is on the Auto position, the PA-1 will switch on automatically when it detects an audio signal at its input, and switch off after a short delay when signal is no longer detected.

## 6. Speaker Terminals

High quality gold plated five-way binding posts accept banana plugs, spade lugs, or bare wires.

## **Care and Maintenance**

## **Periodic Maintenance**

Your Stealth PA-1 requires no periodic maintenance or calibration.

## Cleaning your Stealth PA-1

- If necessary, the Stealth PA-1 should be cleaned gently with a soft rag.
- If something sticky gets on the front panel or case of the PA-1, it should be cleaned with a mild cleaning solution applied to a soft rag, followed by wiping with a clean rag dampened with plain water, and drying with a soft dry rag or cloth.

Note: DO NOT spray water or cleaning solution directly onto the PA-1 or into the vents.

## **Troubleshooting**

Operation of the Stealth PA-1 is simple and straightforward.

#### If the blue LED on the front panel of the PA-1 is not illuminated:

- check to make sure you have AC power.
- check to make sure the AC Power Switch on the rear panel of the PA-1 is set to On.
- check to make sure the Auto/On Switch is set to its proper position.
- check the AC line fuse (see page 10 for fuse location).

Note: When the Auto/On Switch is in the Auto position, the PA-1 may fail to switch on with extremely low level audio signals. If this happens, then set the Auto/On Switch to the On position.

#### If the blue LED is illuminated, but you have no audio:

- check your source signal.
- check your speaker cables.

Note: If you find and correct a shorted cable or other fault, the PA-1 should reset and return to normal operation within a few seconds.

#### If the PA-1 is On and you have distorted audio:

- check your source signal.
- contact Emotiva Technical Support.

## **Specifications**

## **Circuit Topology**

The Emotiva Stealth PA-1 Class-D Monoblock Power Amplifier is a fully balanced high-performance Class D power amplifier featuring the ICEpower ASC300 amplifier module. The ICEpower ASC300 is self-contained, and includes an audiophile-grade Class D power amplifier, and an integral high-performance switch mode power supply.

Audio amplifier type: Fully balanced bridged high-performance Class D amplifier. Power supply: High-performance high-efficiency switch mode power supply.

#### **Connections**

Speaker connections: Audiophile grade, insulated, gold plated, 5-way binding posts (one pair). Audio input: Balanced input; accepts balanced XLR, balanced 1/4", and unbalanced 1/4" plugs. Power: Standard IEC AC power receptacle; accepts all standard IEC power cables.

## **Controls and Indicators**

Status LED: Front panel LED; Illuminates blue when the PA-1 is powered On. AC Power Switch (rear panel rocker switch): Switches AC power to the PA-1 On and Off. Auto/On Switch (rear panel slide switch): Configures the PA-1 to remain on continuously or to automatically switch on when an audio signal is detected at its input.

## Power

Line requirement: Between 100 VAC and 264 VAC @ 50 / 60 Hz (automatically detected). Standby power: Approximately 0.275 watts. Total power efficiency: Approximately 80%.

## **Protection**

The Stealth PA-1 is protected against excessive temperature, short circuit conditions, excessive DC offset at the output, and various input signal fault contidions. The protection circuitry in the PA-1 is totally transparent in normal operation. If a fault is detected, the PA-1 will instantly mute its output, and continue to monitor the situation. As soon as the fault is removed, the PA-1 will automatically reset itself and return to normal operation.

Note: Under certain extreme fault conditions, the PA-1 may not return to normal operation automatically. If this occurs, simply switch the AC Power switch Off and On again to reset the protection circuitry. If your PA-1 fails to return to normal operation after doing so, please contact Emotiva Technical Support.

## **Audio Specifications**

Channels: 1

#### Output power:

140 watts RMS into 8 Ohms at 1 kHz at 1% THD; 135 watts RMS into 8 Ohms at 0.1% THD. 300 watts RMS into 4 Ohms at 1 KHz at 1% THD; 270 watts RMS into 4 Ohms at 0.1% THD. 450 watts RMS into 2.7 Ohms at 1 kHz at 1% THD

Input impedance:

47k Ohms (balanced).

Voltage gain:

28 dB

Full power bandwidth:

20 Hz to 20 kHz.

THD+N:

0.005% at 1 kHz at 1 watt into 4 Ohms.

S/N ratio:

Referenced to 1 watt (A-weighted): 91 dB. Referenced to full output (A-weighted): 112 dB.

Frequency response:

20 Hz to 20 kHz +/- 1 dB (worst case; 4 Ohm load).

Damping factor:

>500

Rated load:

2.5 Ohms to 8 Ohms.

## **Physical Dimensions and Weight**

**Dimensions:** 

8-1/2" wide x 1-7/8" high x 9" deep (unboxed; including feet; not including connectors).

8-1/2" wide x 1-3/4" high x 9" deep (unboxed; without feet).

13-5/8" long x 13" wide x 6-1/2" high (boxed)

Weight:

3 lbs. (unboxed)

6 lbs (boxed)

## Ventilation

The Emotiva Stealth PA-1 requires very little ventilation and generally runs quite cool. However, the small vents on the top and bottom of the unit should remain unblocked.

## **Emotiva Audio Corporation Five-Year Limited Warranty**

#### What does this warranty cover?

Emotiva Audio Corporation (Emotiva) warrants its products against defects in materials and workmanship. This warranty, and all rights provided hereunder, is granted to the original owner, and may be transferred by the current owner to a new owner if the unit is gifted or sold. In the event the original owner transfers ownership of the Product prior to the expiration of the applicable term described below, this Warranty shall terminate at the end of the original term.

This Warranty only applies to Products purchased directly from Emotiva or any of its Authorized Dealers or International Distributors.

Emotiva warrants any replacement product or part furnished hereunder against defects in materials and workmanship for the longer of the following: (i) the amount of time remaining under the original warranty, or (ii) 120 days from your receipt of the repaired or replaced product. The duration described in this paragraph is hereinafter referred to as the "Term".

TO THE FULLEST EXTENT PERMITTED BY LAW, ALL IMPLIED WARRANTIES RELATED TO THE ORIGINAL PRODUCT AND ANY REPLACEMENT PRODUCT OR PARTS (INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE) ARE EXPRESSLY LIMITED TO THE TERM OF THIS LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

The current owner must make a claim within the Term of the Warranty. A claim shall not be valid (and Emotiva has no obligation related to the claim) if it is not made within the Term and if it is not made in strict compliance with the requirements of the "How do you get service?" section.

#### How long does this coverage last?

The warranty on the Stealth PA-1 commences on the date of retail purchase by the original retail purchaser and runs for a period of five years thereafter. This warranty may be transferred by the current owner to a new owner at any time during the original term. Emotiva warrants any replacement product or part furnished hereunder against defects in materials and workmanship for the longer of the following: (i) the amount of time remaining under the original warranty, or (ii) 120 days from your receipt of the repaired or replaced product. The duration described in this paragraph is hereinafter referred to as the "Term".

#### What will Emotiva do?

Emotiva will, at its option, either: (i) repair the product, or (ii) replace the product with a new consumer product which is identical or reasonably equivalent (in Warrantor's sole discretion) to the product. In the event Warrantor, in its sole discretion, is unable to replace or repair the Product or it is not commercially practicable to do so, then: (i) if the claim was submitted during the first 365 days of the Term, Warrantor shall refund to you the purchase price that you paid for the Product; and (ii) if the claim was submitted after the first 365 days of the Term, Emotiva shall issue you a credit, which may used for the purchase of merchandise from Emotiva, but cannot be used for freight charges.

When a Product or part is repaired or replaced, any replacement item becomes your property and the replaced item becomes Emotiva's property. When a refund or credit is given, the Product for which the refund or credit is provided must be returned to Emotiva and becomes Emotiva's property.

#### What is not covered by this warranty?

This warranty does not apply: (i) to damage caused by use with products not manufactured by Emotiva, where the non-Emotiva product is the cause of the damage; (ii) to damage caused by service or maintenance performed by anyone who is not a representative of Emotiva; (iii) to damage caused by accident, abuse, misuse, flood, fire, earthquake or other external causes; (iv) to a product or part that has been modified after its retail purchase, where the modification caused or contributed to the damage; (v) to consumable parts, such as batteries or failure of or damage to the Product caused by batteries; (vi) if any Emotiva serial number has been removed or defaced on the product; (vii) glass or plastic panels, cabinetry, trim or other appearance items; (viii) cosmetic wear or damage to remote controls by user.

EMOTIVA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM OR RELATED TO ANY DEFECTS IN OR DAMAGES TO ITS PRODUCTS. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

#### How do you get service?

In order to make a claim under the Warranty, you must:

- 1. Call or e-mail a customer service representative at 1-877-EMO-TECH (1-877-366-8324) or support@emotiva.com. You must provide a description of your problem, the serial number of the Product for which the warranty claim is being made, and the original purchase date.
- 2. Then, you will be provided with a warranty service authorization number ("WS").
- 3. Next, you must ship the Product to the following address, with the WS written in large, bold numbers on the outside of the box, and with the letters "WS" written before the number, for example: WS1234. Parcels arriving without a WS number on the outside of the box will be refused. The customer pays for the shipping to Warrantor. Warrantor pays for the shipping back to the customer within the continental United States only. Customer is responsible for shipping charges on all other warranty claims.

Emotiva Audio Corporation Attn: Repair Department 139 Southeast Parkway Court Franklin, TN 37064

Units will be refused by Emotiva for the following:

Product was sent without the WS#
Product was sent with inadequate packaging.
Product was damaged in transit.
Product was shipped collect for shipping charges.

#### How does state law apply?

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

#### What if my product is damaged on the way to you?

Emotiva is not liable for damages that may incur while an item is in transport to us. Please purchase insurance when you ship your item. If your Product was not adequately packaged, we will refuse receipt and the damaged package will be returned to you at your cost. If you do not have the original Emotiva Audio packaging, please check with our sales department to purchase replacement-shipping cartons.

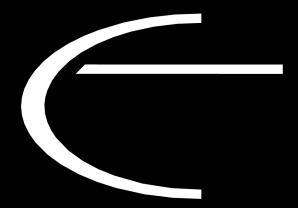
#### How does the Warranty and service apply to international orders?

The Product Warranty is only valid in the country where the Emotiva product was originally shipped via an authorized dealer, distributor, or direct from the Emotiva factory. The Warranty is subject to change at any time depending on the laws and regulations within your specific country. Please check with your distributor for a complete understanding of the warranty in your country.

If you purchased your Emotiva Product outside of the USA and wish to have it serviced at the factory, all freight charges are <u>your responsibility</u>. If you do not have an authorized distributor or repair center in your country, your Product must come back to the Emotiva USA factory for warranty service.

Notes

All information contained in this manual is accurate to the best of our knowledge at the time of publication. In keeping with our policy of ongoing product improvement, we reserve the right to make changes to the design and features of our products without prior notice.



Emotiva Audio Corporation 135 Southeast Parkway Court Franklin, TN 37064

www.emotiva.com