

EMOTIVA®



XPA HC-1

Modular Power Amplifier

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 XPA HC-1 High Current Monoblock Power Amplifier. After successful installation and configuration of the XPA HC-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 XPA HC-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 XPA HC-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 XPA HC-1 AMPLIFIER. THERE ARE NO USER-SERVICEABLE PARTS INSIDE THE UNIT. REFER ALL SERVICE TO QUALIFIED SERVICE PERSONNEL.

Do not install the XPA HC-1 amplifier 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 XPA HC-1 amplifier in locations without proper ventilation. The XPA HC-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 XPA HC-1 amplifier according to the manufacturer's instructions and only use attachments or accessories specified by the manufacturer.

Do not install the XPA HC-1 amplifier 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 XPA HC-1 amplifier only to power sources of the correct voltage (as shown in this manual and on the XPA HC-1 unit).

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 XPA HC-1 amplifier 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 grounding 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 XPA HC-1 amplifier should be unplugged from the outlet during severe electrical storms, or when unused for a long period of time.

Only replace the fuse(s) in the XPA HC-1 amplifier with fuse(s) of proper value and voltage rating.



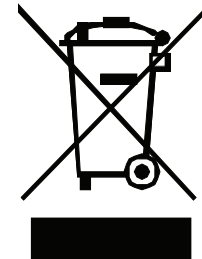
The XPA HC-1 should only be cleaned as directed in the manual. Avoid spraying liquids directly onto the unit and NEVER spray liquids into the vents. Care should be taken so that small objects do not fall into the inside of the unit.

You should seek service for your XPA HC-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 XPA HC-1 AMPLIFIER FROM THE AC POWER MAINS, DISCONNECT THE AC POWER CORD FROM THE AC RECEPTACLE.

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





XPA HC-1 High Current Monoblock Power Amplifier

Contents

Important Safety Precautions and Explanation of Symbols	
XPA HC-1 High Current Monoblock Power Amplifier.....	1
Introduction	3
About This Manual.....	4
Features	5
Unpacking.....	6
XPA HC-1 Front Panel.....	7
XPA HC-1 Rear Panel.....	9
Quick Start	11
Connections	12
Configuration and Operation	13
Care and Maintenance	14
Specifications	15
Troubleshooting	18
Emotiva Audio Corporation Five-Year Limited Warranty	19
Notes.....	22

Introduction

Thank you for purchasing the new Emotiva XPA HC-1 High Current Monoblock Power Amplifier.

There are several advantages to using true monoblock amplifiers. Each channel is fully independent, with its own chassis and power supply, which assures you that there will be absolutely no interaction or crosstalk between channels. You also have the added convenience of being able to add exactly as many channels as you need, and being able to position each amplifier where it makes the most sense, whether that means lining them all up on an equipment rack, or positioning each directly beside the speaker it's powering. Monoblocks also offer you the option of upgrading your system in stages - add a center channel, or upgrade your main channels today - then upgrade the surround channels later when there's room in your budget.

The XPA HC-1 High Current Monoblock Power Amplifier uses the same exceptional sounding short signal path Class A/B output circuitry, efficient Optimized Class H™ power topology, and massive Switched Mode Power Supply (SMPS) that we use in our latest generation of XPA amplifiers. Each XPA HC-1 is a totally independent amplifier, encased in its own heavy-duty all-metal enclosure, and powered by its own massive isolated power supply, for the ultimate in performance and channel isolation. The XPA HC-1 delivers 300 Watts into 8 Ohms, or 600 Watts into 4 Ohms, of pure clean audiophile-grade Class A/B power.

Each XPA HC-1 is a little over 7 inches high, 18 inches deep, and 8-1/2 inches wide; and multiple XPA HC-1 monoblocks may be mounted side by side if desired.

Whether you buy a single XPA HC-1 to power your center channel...

Or a full set to power your entire home theater system...

Move on up to monoblocks...

You'll be glad you did!

Happy listening!

The Emotiva Team

About This Manual

This manual will provide you with the information you need to get started enjoying your XPA HC-1 High Current Monoblock Power Amplifier.

We suggest that you read through the entire manual; we kept things as short and direct as possible. Even if you're an expert user, you will probably find some interesting information and useful suggestions.

If you're really in a hurry to get started, please read the Quick Start section (on page 11); you may then read the remainder of the manual at your leisure.

You may wish to keep a copy of this manual with your records, and record serial numbers or other purchase information on the Notes page at the back.

Features

The XPA HC-1 High Current Monoblock Power Amplifier is an audiophile-grade power amplifier that provides a single channel of superb quality audio amplification. The XPA HC-1 features our fully discrete, high-current, short signal path class A/B output section, combined with the Optimized Class H™ power supply topology we developed for our iconic XPR amplifiers, and our new, powerful yet light weight and efficient, audiophile grade Switch Mode Power Supply.

Welcome to the XPA HC-1... the next generation of power amplification for the audiophile who wants it all: superb sound quality and lasting value.

Features of the new XPA HC-1 monoblock power amplifier:

- **True audiophile-quality sound** - as with all of our amplifiers, the XPA HC-1 power amplifier was designed first and foremost to sound superb in all types of audio systems.
- **A true monoblock** - Each XPA HC-1 powers a single channel, for the ultimate in audiophile quality performance.
- **Great sounding Class A/B output stage** - ensures smooth detailed sound and incredibly natural imaging - without a trace of harshness or strain.
- **Optimized Class H™ power supply topology** - delivers improved efficiency without compromising audio performance.
- **Switched Mode Power Supply (SMPS)** - offers all of the performance of a traditional linear power supply, while improving efficiency and reliability, and reducing overall weight.
- **Top quality parts and construction throughout** - promise years of reliable service.
- **Totally stable** - designed for use in the real world, with real speakers.
- **Compact heavy steel chassis with milled aluminum face plate** - provides strength and rugged good looks.
- **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.
- **Solid machined gold-plated RCA input connector** - provide a reliable connection with a wide variety of audio interconnects.
- **Choice of balanced or unbalanced inputs** - controlled by a high-reliability metal toggle switch to ensure long service life.
- **Remote trigger input and output** - allow the XPA HC-1 to be turned on by trigger-enabled equipment, and to activate other trigger-enabled equipment.
- **Audiophile-grade fault protection** - entirely transparent under normal conditions, yet protects the amp and your other equipment from all common fault conditions.
- **Universal AC line voltage operation** - the XPA HC-1 operates on any line voltage between 100 VAC and 250 VAC; and is protected from faults by a rugged resettable circuit breaker.
- **Standard IEC power inlet** - fits all standard and audiophile IEC power cables.
- **Fully five year warranty** - ensures that you'll be able to enjoy your XPA HC-1 monoblocks for years to come.

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

Unpacking

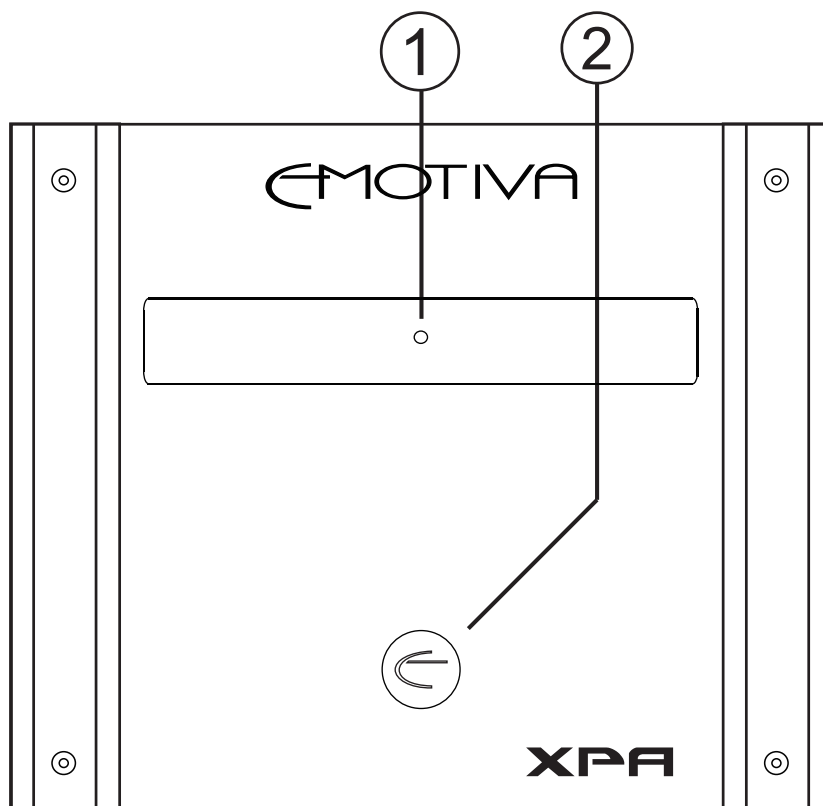
Your XPA HC-1 High Current Monoblock Power Amplifier was carefully packed and should reach you in perfect condition. If you notice any shipping damage or other issues when you unpack it, please contact Emotiva immediately.

Gently remove your XPA HC-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.

XPA HC-1 Front Panel



1. Status Display Window & Status LED

This window houses the single blue status LED.

Note: The Status LED can be disabled by the Status LEDs switch on the rear panel.

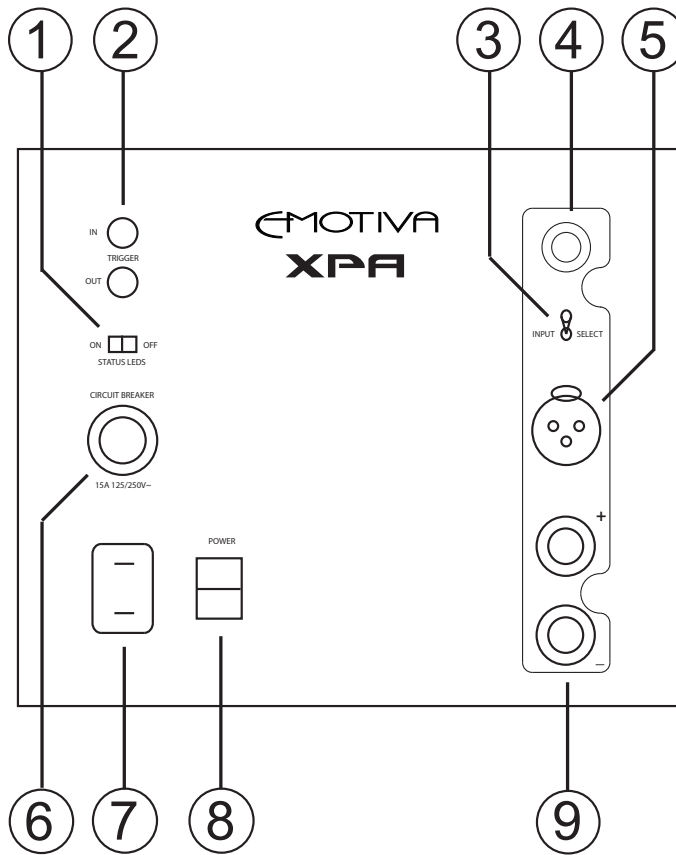
Note: The Status LED illuminates red during startup; blue in normal operation; and flashes red to indicate a fault.

2. Standby Button

Press to switch the amplifier On; press again to return to Standby; the halo ring around the button (and the "E" on the button) illuminate amber for Standby and blue for On.

Note: In order for the XPA HC-1 to operate, the rear panel AC Power Switch must first be turned On.

XPA HC-1 Rear Panel



1. Status LEDs Switch

Disables the front panel status LED when set to Off.

2. Trigger Input and Trigger Output

The XPA HC-1 is switched On (from Standby) when a trigger signal is presented at the Trigger Input; the XPA HC-1 returns to Standby when the trigger signal is removed. When the XPA HC-1 is on, a 12 VDC signal is sent from the Trigger Output to control other devices.

3. Un-Balanced / Balanced Input Select Switch

A high-quality metal toggle switch selects between the Unbalanced (RCA) and Balanced (XLR) input. Up selects the Unbalanced input and Down selects the Balanced input. Only one input can be used at once. (Both a balanced and an unbalanced source may be connected at the same time, and the switch used to select between them, but only one will be active at any given time.)

4. Unbalanced (RCA) Input

Audiophile quality gold plated machined RCA input connector (accepts a line level unbalanced input).

5. Balanced (XLR) Input

Standard XLR connector (accepts a line level balanced input).

6. Circuit Breaker

The XPA HC-1 is protected by a heavy duty user-resettable Circuit Breaker. In the unlikely event that the circuit breaker trips, the button on the Circuit Breaker will pop up, and extend above the rear panel. When the Circuit Breaker button is out, the XPA HC-1 will not operate, and none the Status LEDs and Standby Button will not be lit. To reset the Circuit Breaker, press the button firmly in.

In the unlikely event that the circuit breaker trips, the button will pop out and extend noticeably from the rear panel. If this happens, try resetting the Circuit Breaker by pressing the button firmly in. If the Circuit Breaker trips a second time, please contact Emotiva, or your nearest authorized Emotiva service representative.

7. IEC Power Cord Receptacle

The XPA HC-1 can be powered by any receptacle that provides between 100 VAC and 250 VAC at 50/60 Hz. This receptacle accepts a standard removable IEC AC power cable (a high-quality commercial power cable is included).

Note: The XPA HC-1 will provide excellent performance and exceptional sound quality with any line voltage between 100 VAC and 250 VAC; however, for the absolute ultimate in performance, a 230 VAC line is recommended.

8. AC Power Switch

Switches the main AC power to the XPA HC-1 On and Off. When this switch is Off, no controls operate (the XPA HC-1 cannot be turned On from the front panel or by a trigger signal).

9. Speaker Terminals

Heavy duty audiophile quality five way binding posts with gold-plated contacts and clear covers accept speaker wires with banana plugs, spade lugs, or bare wire terminations.

Quick Start

To get the most from your XPA HC-1 High Current Monoblock Power Amplifier, we urge you to read the entire manual. If you just can't wait to listen to it, this section will cover the basics you need to get started.

- Find a secure location or locations for your XPA HC-1 monoblocks.
- Connect each of your XPA HC-1 monoblocks to a signal source.
- Set the Input Selector switch on each of your XPA HC-1 monoblocks for the type of input you're using (unbalanced or balanced)
- Connect each XPA HC-1 to a speakers (4 ohm or 8 ohm) using reasonably heavy gauge speaker wires (at least 16 gauge).
- Find some music you *really* like to listen to.
- Turn on your XPA HC-1 monoblocks and your signal source and turn up the volume a bit!
- Enjoy!

While you're enjoying your XPA HC-1 monoblocks, it would be a great time to read the rest of the manual to learn more about it.

Connections

Connecting speakers to your XPA HC-1 monoblocks

Your XPA HC-1 has no special connection requirements; audiophile grade five-way binding posts are provided for speaker connections.

- **Always** turn off the amplifier before connecting or disconnecting speaker cables or signal source interconnects.
- **Always** verify that your speaker cables are firmly attached, and not shorted to each other or to any other cables, before powering up your XPA HC-1.
- **Always** use high-quality speaker wire; 16-gauge or heavier.
- If you must use thinner wire, try to keep the length as short as possible.
- 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 jumpers on the input panel of each speaker. Failure to remove these will damage your amplifier.

Connecting an input source to your XPA HC-1

Your XPA HC-1 monoblock has both balanced (XLR) and unbalanced (RCA) inputs; the Input Select switch determines which input is active. Be sure to set this switch correctly. If your source component offers both types of outputs, a balanced connection is generally preferred, especially for long cable runs and in noisy environments. We suggest using reasonably high quality cables, keeping cables no longer than necessary, and avoiding running signal cables near power cables and speaker cables whenever possible.

DO NOT connect a digital signal to the input of your XPA HC-1 (or you may damage your source or your speakers).

Connecting the Trigger Input and Trigger Output

The Trigger Input accepts a 12 VDC (nominal) trigger signal from another device via a standard 1/8” mono plug. When the trigger is asserted, the XPA HC-1 will switch On; when the trigger is removed, the XPA HC-1 will return to Standby mode. The Trigger Output sends out 12 VDC whenever the main power to the XPA HC-1 is On (and NOT when it is in Standby mode) which can be used to switch on other units with trigger capabilities.

Configuration and Operation

Line Voltage

The XPA HC-1 can operate from any line voltage between 100 VAC and 250 VAC and from any line frequency between 50 Hz and 60 Hz. The amplifier will automatically detect which line voltage it is connected to and configure itself accordingly.

AC Power Switch (rear panel)

The rear-panel AC Power switch controls the main AC power for your XPA HC-1. When this switch is in the Off position, the amplifier will not operate. Turning it On will put the XPA HC-1 into Standby mode.

AC Circuit Breaker (rear panel)

If an electrical power fault occurs, the button on the rear-panel Circuit Breaker will pop up. When the Circuit Breaker button is up, the XPA HC-1 will not operate, and neither the Status LED nor the Standby Button will be lit. The Circuit Breaker is reset by pressing the button firmly in.

Standby Switch (front panel push button)

Press to switch the amplifier On; press again to return to Standby; the halo ring around the button illuminates amber for Standby and blue for On.

Un-Balanced / Balanced Selector Switches

This switch selects between the Unbalanced (RCA) and Balanced (XLR) inputs. Only one input will be active at once. (Both a balanced and an unbalanced source may be connected at the same time, and the switch used to select between them, but only one will be active at a time.)

Status LED Switch

Disables the front panel Status LED when set to Off.

Trigger Input and Output

When a trigger cable is connected to the Trigger Input (on the rear panel), and a trigger signal is received (between 5-20 V - AC or DC), the XPA HC-1 will switch from Standby to On; when the trigger signal ceases, the XPA HC-1 will return to Off.

The trigger is typically connected to the preamp or pre/pro that provides a signal source for the XPA HC-1, and set to turn the XPA HC-1 on when the preamp or pre/pro is turned on. For multiple XPA HC-1 monoblocks, the Trigger Input of each amp may be connected to the Trigger Output of the previous unit.

Whenever the XPA HC-1 is On, the Trigger Output will assert a 12 VDC signal, which may be used to turn on other trigger-enabled equipment.

Care and Maintenance

Periodic Maintenance

Your XPA HC-1 requires no periodic maintenance or calibration.

Cleaning your XPA Gen3

- If necessary, the XPA HC-1 should be cleaned gently with a soft rag.
- If something sticky gets on the front panel or case of the XPA HC-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 XPA HC-1 or into the vents.

Specifications

Circuit Topology

The Emotiva XPA HC-1 is a monoblock power amplifier, with a high-efficiency switch mode power supply (SMPS), a fully discrete, dual differential, high current, short signal path Class A/B amplifier section, Optimized Class H™ power supply topology, and microprocessor-controlled fault protection.

Audio Power Output

Output Power

300 watts RMS; 20 Hz - 20 kHz; THD < 0.1%; into 8 Ohms

600 watts RMS; 20 Hz - 20 kHz; THD < 0.2%; into 4 Ohms

Power Bandwidth (at rated power; 8 Ohm load):

20 Hz to 20 kHz (+ / - 0.1 dB).

Broad Band Frequency Response :

5 Hz to 80 kHz +0/-2 dB.

THD + noise:

< 0.005%; at 100 watts RMS; 1 kHz; 8 Ohms.

Signal to Noise Ratio (8 Ohm load):

> 120 dB; ref FTC rated power; unbalanced input (A-weighted).

> 95 dB; ref 1 watt; unbalanced input (A-weighted).

Damping Factor (8 Ohm load):

> 500.

Input Sensitivity (for rated power; 8 Ohm load):

1.7 V.

Gain:

29 dB.

Input Impedance:

33 kOhms (balanced).

23.5 kOhms (unbalanced).

Minimum Recommended Load Impedance

4 Ohms; which equals one 4 Ohm load or two paralleled 8 Ohm loads.

The XPA HC-1 is fully stable into reactive loads whose impedance reaches as low as 2 Ohms.

Speaker Output Connections

Audiophile grade, gold plated, 5-way binding posts.

Power Supply

High efficiency, audiophile grade, Switch Mode Power Supply (SMPS).

Power Requirements

Between 100 VAC and 250 VAC @ 50 / 60 Hz (automatically detected).

Front Panel Controls and Indicators

Standby; push button (halo ring changes color to indicate Standby or On).

Status LED; blue (changes to red to indicate a fault condition).

Rear Panel Controls

AC Power switch; rocker switch (switches AC main power).

Status LEDs switch; disables front panel Status LED.

Input selector switch; selects between balanced and unbalanced inputs.

Circuit Breaker; press button to reset circuit breaker.

Protection

The XPA HC-1 is protected against excessive operating temperature, shorted speaker connections, ground faults, and other common fault conditions.

Input Connections

Unbalanced (RCA); balanced (XLR); selectable.

Trigger

Trigger Input: 5 - 12 V (AC or DC); <10 mA input current required.

Trigger Output: 12 VDC; can drive any load up to 120 mA.

Dimensions:

8-3/8" wide x 7-5/8" high x 19" deep (unboxed; including feet and connectors).

8-3/8" wide x 7" high x 18" deep (unboxed; without feet and connectors).

24-3/4" wide x 12" high x 14-1/2" deep (boxed).

Weight

Boxed: 28 lbs.

Unboxed: 21.5 lbs.

Mounting Clearance

Adequate clearance for cooling must be allowed above each XPA HC-1 monoblock. However, the XPA HC-1 is designed with no cooling vents on the sides, so multiple units may be mounted directly side by side.

Troubleshooting

Your XPA HC-1 was carefully designed and manufactured from high-quality precision components to ensure years of trouble free operation. We really doubt you'll ever have any problems with your XPA HC-1, but if you do, here are a few things you could try:

Problem: No output (nothing is lit).

Reason: You have no AC power.

- Verify that the rear panel AC Power switch is On.
- Verify that your circuit is live.
- Verify that the line cord on your XPA HC-1 is fully inserted and is tight.
- Verify that the Circuit Breaker hasn't tripped.

When the circuit breaker trips, the button will pop up and extend noticeably from the rear panel. If this happens, try resetting the Circuit Breaker by pressing the button firmly in. If the Circuit Breaker trips a second time, please contact Emotiva, or your nearest authorized Emotiva service representative.

Problem: Your XPA HC-1 is operating normally, but the front panel Status LED is not lit.

Reason: The front panel status LED is turned off.

- Set the Status LEDs switch on the rear panel to On.

Problem: No sound or distorted sound is heard; the Standby button halo is lit blue; the status LED are lit blue.

Reason: Your XPA HC-1 is not indicating a fault condition.

- Check your source.
- Check your Balanced/Unbalanced Selector Switch.
- Check your speaker and speaker connections.

Problem: No sound is heard; the Status LED is flashing red.

Reason: Your XPA HC-1 is in Protect mode, which indicates a fault condition.

- Switch the rear panel AC Power switch Off and On to clear the Fault condition.
- If the fault remains, look for a shorted speaker cable or damaged speaker.
- Check your sources and source connections (a bad interconnect, DC on the input, or an otherwise bad source component can cause a fault).

Problem: The halo around the Standby button is lit amber and your XPA HC-1 fails to come on when triggered.

Reason: Your XPA HC-1 is in Standby mode and should respond to a valid trigger signal.

- Check your trigger cable.
- Check the trigger settings on your source equipment.

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 original 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 all XPA and XPA-DR Amplifiers 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 equal to the purchase price that you paid for the product. The credit may only be used for the purchase of merchandise from Emotiva, and 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.

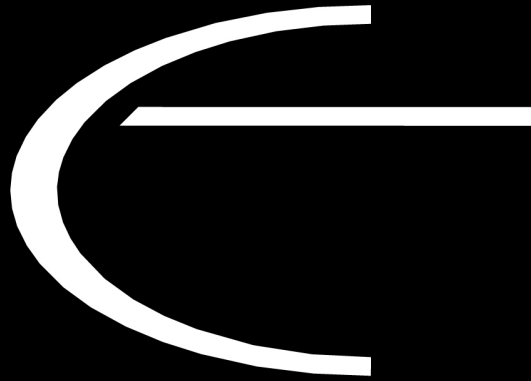
What if my product is damaged on the way to you?

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 county.

If you purchased your Emotiva Product outside of the USA and wish to have it serviced at the factory, all freight charges are your responsibility. 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.



Emotiva Audio Corporation
135 Southeast Parkway Court
Franklin, TN 37064

www.emotiva.com