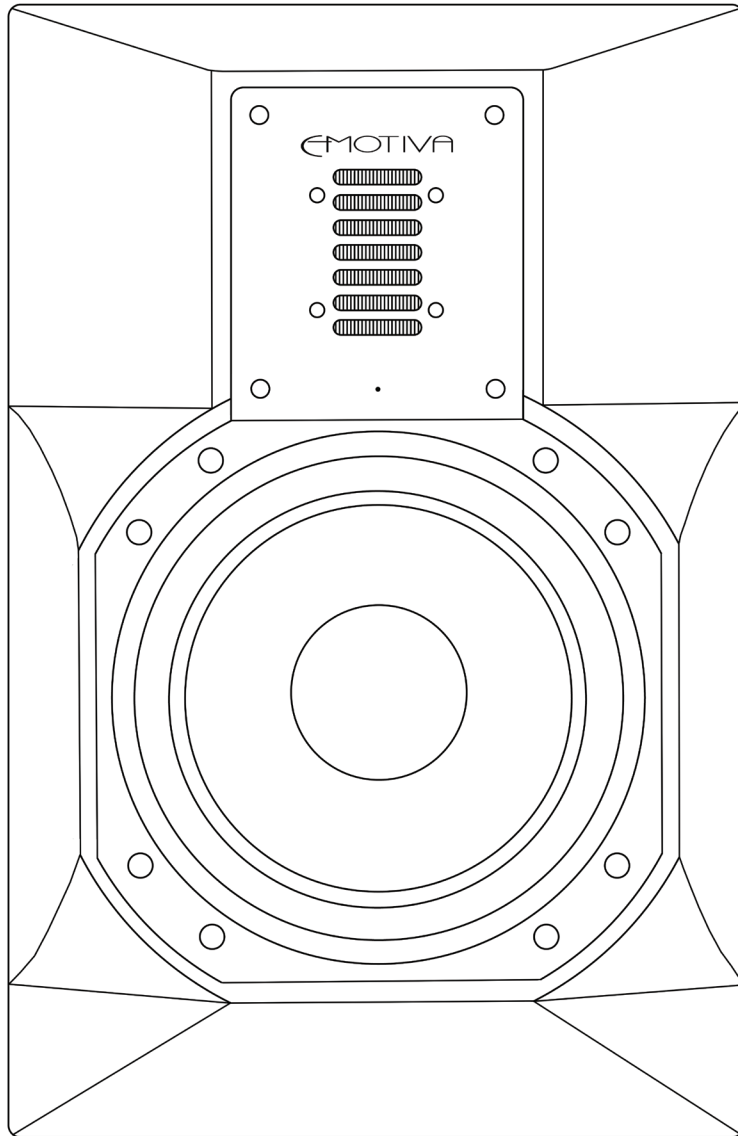


EMOTIVA[®]

PRO



STEALTH 8 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 Airmotiv™ Stealth 8 precision bi-amplified monitor. After successful installation and configuration of the Stealth 8, 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 Stealth 8 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 8 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 DISASSEMBLE THE STEALTH 8. THERE ARE NO USER-SERVICEABLE PARTS INSIDE THE UNIT. REFER ALL SERVICE TO QUALIFIED SERVICE PERSONNEL.

Do not install the Stealth 8 near or above any heat sources such as radiators, heating vents, or other apparatus that produces 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 Stealth 8 in locations without proper ventilation. The Stealth 8 should not be operated on a bed, sofa, rug, or similar surface that may block air flow to the heat sinks. The unit should not be mounted against a surface or in an enclosed location such as a bookcase, cabinet, or closed equipment rack unless sufficient ventilation is provided.

Always install your Stealth 8 according to the manufacturer's instructions and only use attachments or accessories specified by the manufacturer.

Do not install the Stealth 8 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 Stealth 8 only to power sources of the correct voltage (as shown in this manual and on the Stealth 8 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 Stealth 8 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 Stealth 8 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 Stealth 8 with a fuse(s) of proper value and voltage rating.

The Stealth 8 should only be cleaned as directed in the Manual. Avoid spraying liquids directly onto the unit and NEVER spray liquids into the port, drivers, or controls. Care should be taken so that small objects do not fall into the inside of the unit.

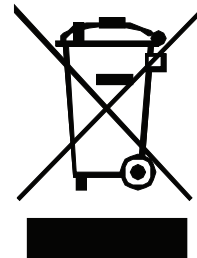


You should seek service for your Stealth 8 by qualified service personnel if any of the following occur:

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 STEALTH 8 FROM THE AC POWER MAINS, DISCONNECT THE AC POWER CORD FROM THE AC RECEPTACLE.

NOTE: THE POWER CORD ON THE STEALTH 8 MUST REMAIN READILY ACCESSIBLE AT ALL TIMES.





Precision *airmotiv*[™] Monitor

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Explanation of Symbols

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Introduction

Thank you for purchasing the new Airmotiv[™] Stealth 8 precision bi-amplified active studio monitors.

The Stealth 8's are the result of an extensive R&D initiative to create a precision studio monitoring system for the professional recording engineer and discerning artist. Great care has been taken with every detail of the design and production of each Stealth 8, and the end result is quite remarkable. We believe you'll find that the Stealth 8 is the ideal instrument to help you translate your sonic vision into reality.

The advanced cabinet, designed and computer optimized especially for the Stealth 8, provides incredible structural rigidity and very high internal damping. The massive, highly damped, front baffle assembly is machined on a multi-axis CNC milling station in order to maintain exact dimensional stability and produce the complex Stealth baffle contours. Those contours produce a Minimum Acoustic Signature, which virtually eliminates reflections and diffraction effects. The result is a holographic, three-dimensional soundstage, with pinpoint imaging and accurate tonal balance across a wide horizontal listening window.

The high performance transducers employed in the Stealth 8 are equally innovative. Our signature 32mm x 60mm airmotiv[™] folded ribbon high/mid-frequency transducer produces clean, accurate midrange and crystal clear highs - with vanishingly low distortion, excellent detail retrieval, and impressive, uncompressed dynamics. The 8-inch airmotiv[™] low-frequency transducer delivers a fast, natural, extended low end with a beautifully integrated and cohesive midrange that blends perfectly with the output of the airmotiv[™] folded ribbon.

The precision crossover and powerful discrete internal amplifiers, developed and tuned specifically for the Stealth 8, provide a seamless transition between the drivers and include built-in acoustically transparent protection circuitry. They also offer calibration options that enable you to fine tune the response of each pair of Stealth 8's to perfectly match your particular listening space or studio. The independent amplifiers deliver 200 watts of ultra-clean, discrete class A/B power to each driver (that's 400 watts RMS of amplification in *each* Stealth 8)!

Working together as a cohesive and perfectly balanced electro-acoustic system, the Stealth 8 delivers an incredibly accurate and realistic soundfield, which is especially evident with complex and demanding program material. The Stealth 8 is flat within + /- 1.75 dB from 30 Hz to 23 kHz, and a pair of Stealth 8's are capable of producing clean near-field sound levels (short term) of over 120 dB. The exceptional performance, accuracy, and dynamic presentation of the Stealth 8's ensure that they will work seamlessly in a wide variety of critical monitoring applications, and makes them especially attractive for small to medium sized studios and control rooms. The extended bass response of the Stealth 8 also means that they are appropriate for critical listening in many situations without the need for an external subwoofer.

Happy listening!

The Emotiva Professional Team

About This Manual

This manual will provide you with all the information you need to get great performance, accurate sound, and many years of reliable service from your Airmotiv Stealth 8 precision bi-amplified powered monitors.

Many of you are experienced studio professionals and are very familiar with powered monitors. We suggest that you read through the entire manual as we kept things as short and direct as possible. Even if you're an expert user, you might 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 8); you may then read the remainder of the manual at your leisure.

You may wish to record serial numbers or other purchase information on the Notes page at the back of this manual.

Features

Each Airmotiv Stealth 8 is a fully self-contained bi-amplified powered precision studio monitor, pre-calibrated and ready for installation.

Accuracy and consistency. The gain and frequency balance of each Stealth 8 is factory calibrated to be within 1 dB of our reference standard; the Stealth 8 is flat from 30 Hz to 23 kHz + / - 1.75 dB.

Emotiva's exclusive airmotiv[™] high-frequency transducer. Delivers flat frequency response, low distortion, virtually nonexistent signal compression, smooth off-axis response, superb transparency, and uncanny imaging.

Emotiva's airmotiv[™] low-frequency transducer. Delivers clean, accurate bass; made from advanced Curv[®] woven-polypropylene cone material, a heavy-duty die-cast metal basket, flat spider, and synthetic butyl rubber surround. A copper capped pole piece and aluminum shorting ring further reduce distortion and enhance linearity.

Plenty of clean power. The Stealth 8 is fully bi-amplified. Each transducer is powered by its own independent 200 watt RMS class A/B amplifier, which minimizes distortion, even at very high listening levels. This power enables a pair of Stealth 8's to deliver clean peak sound levels of over 120 dB SPL (on axis, short term, near field).

Precision electronic crossover. The amplifiers are fed by a precision multi-pole active crossover, which was custom designed and optimized for the Stealth 8; the crossover includes adjustments that enable you to match the Stealth 8 perfectly to your studio or audition room.

Minimum Acoustic Signature[™] cabinet. Besides looking impressive, the angled exterior contours on the Stealth 8's advanced cabinet are computer-optimized to minimize diffraction effects and room interactions. Heavy duty construction, non-parallel side walls, and extensive bracing in all three axes cooperate to eliminate resonances, standing waves, and cabinet vibrations. Our exclusive three-phase interior damping (consisting of asphaltic mastic to eliminate vibration, acoustic foam to absorb high-frequencies, and synthetic fiber to tame low frequency energy and increase the apparent size of the cabinet) prevents the cabinet from making any unwanted contributions to the sound. The face plate, milled from a slab of MDF over two inches thick for superior strength and rigidity, is acoustically inert.

A tough exterior. The attractive studio black satin finish, made up of six individually applied coats of lacquer, is both durable and great looking.

High quality electronics throughout. Components include all double-sided FR4 circuit boards, all precision resistors and precision film capacitors in the signal path, extensive use of surface mount technology, and an efficient low noise toroidal power transformer.

Effective yet unobtrusive protection. Individually protects each amplifier and transducer and prevents dangerous overdrive conditions, but doesn't limit normal music peaks, or produce artifacts under normal listening conditions.

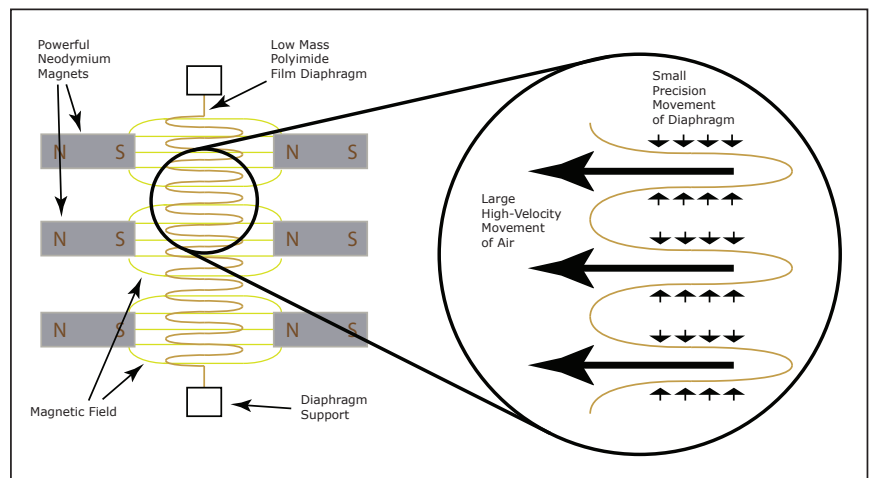
You can find more information about the Stealth 8's and Emotiva Pro's exclusive airmotiv[™] technology on our website at www.emotivapro.com.

Understanding *airmotiv*™ technology

A high-frequency driver is required to move air at high velocity, with high efficiency, near-perfect frequency linearity, little or no distortion, and a minimum of energy storage. Failure to excel in any of these areas can result in uneven frequency response, distorted sound, and a subtle loss of the clarity and sense of immediacy we long for in a speaker. Until now the technologies available for high-frequency reproduction have all been compromises. Some drivers excel in one or more aspects, while falling far short in others; other drivers offer reasonable all-around performance and sound good but not great.

Virtually all conventional high-frequency drivers move air by *pushing* it. The biggest problem with this method is that the velocity and acceleration that can be imparted to the air are limited by the mechanical properties of the diaphragm and drive mechanism; air cannot be propelled further or faster than the diaphragm itself can move.

Emotiva's innovative new *airmotiv* folded ribbon transducer is very different. It operates by *squeezing* the air from between a series of surfaces in a light yet incredibly strong polyimide film diaphragm. As you can see in the diagram, this allows a small, precisely controlled movement of the diaphragm to produce a large, precisely controlled, high-velocity movement of air.



The amount of motion necessary to produce a given sound level with our *airmotiv* transducer is an order of magnitude lower than that required of ordinary drivers, with a corresponding reduction in distortion and other nonlinearities.

The motive force is provided by the interaction of current flowing through aluminum conductors etched directly onto the surface of the diaphragm within a powerful magnetic field created by a set of neodymium rare-earth alloy magnets. The result is a transducer that can effortlessly follow the waveform of the musical signal, with virtually no distortion, signal compression, or stored energy artifacts. Emotiva's *airmotiv* transducer can reproduce the subtle nuances of a quiet passage with awesome subtlety, yet deliver crashing crescendos with a glorious sense of immediacy and vanishingly low distortion.

Unpacking

Your Emotiva Airmotiv Stealth 8 precision bi-amplified powered monitors were carefully packed and should reach you in perfect condition. If you notice any shipping damage or other issues when you unpack them, please contact Emotiva Pro immediately.

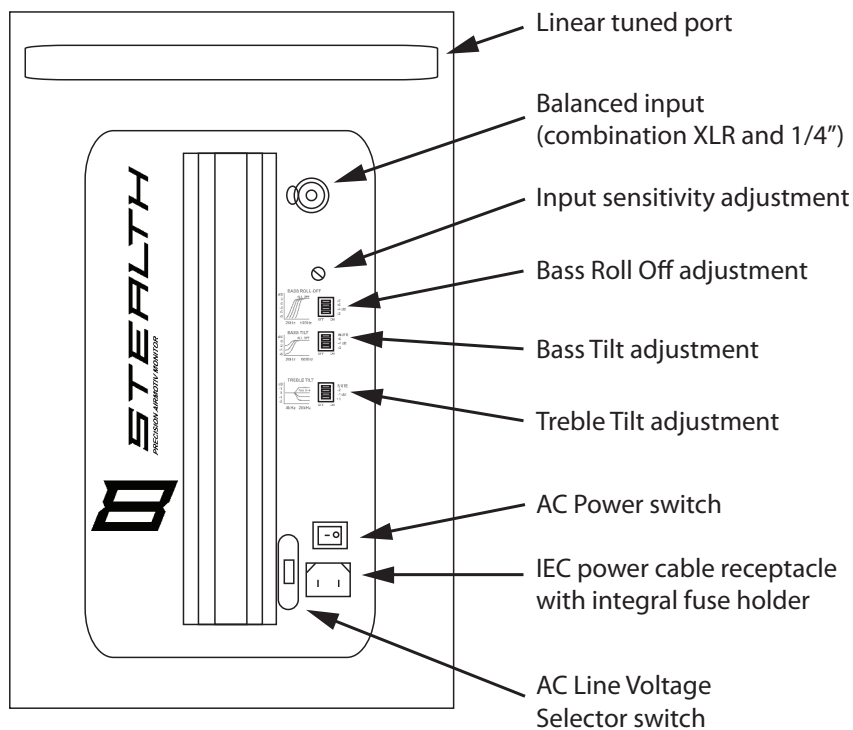
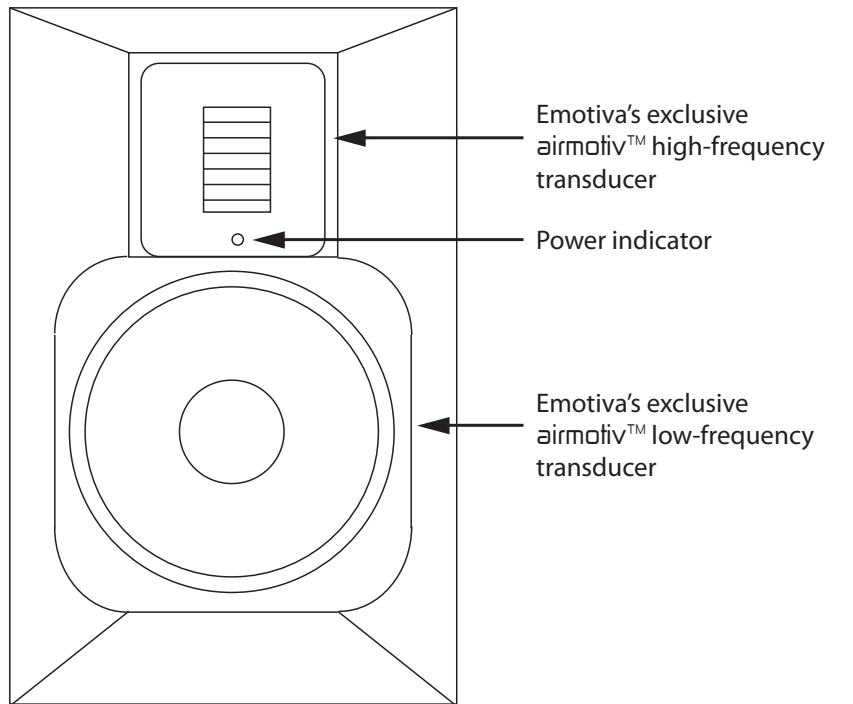
Gently remove your Stealth 8 powered monitors from the packing carton and remove all wrappings and shipping material. Avoid pressing directly on the front of the low-frequency transducer or dropping any bits of packing material into the high-frequency transducer or rear port opening.

It is important to save the box and all packing materials in case your Stealth 8 monitors ever need to be moved or shipped back to the factory for service.

Please keep a copy of your sales receipt in a safe place. It is the easiest way to verify your purchase date for warranty purposes, and may also be required if you ever have to file an insurance claim.

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

The Emotiva Pro Stealth 8 Precision *airmotiv*™ Monitor



Quick Start

To get the most from your Airmotiv Stealth 8 precision powered monitors, we strongly urge you to read the entire manual. If you just can't wait to hear how great your Stealth 8 monitors sound, this section will cover the basics you need to get started.

- Find a secure location for your Stealth 8 monitors.
- Verify that the Stealth 8 monitors you received use the correct operating voltage for your location (the AC line voltage may be changed using the AC Line Voltage Selector switch on the rear panel).
- Verify that the rear panel configuration switches are all set to flat (for now); all of the DIP switches should be set to Off.
- Plug your Stealth 8 monitors into grounded AC electrical outlets. If you use a different power cord or extension cord, use only a three-prong grounded type.
- Connect a variable level signal source (with a volume control) to the input on the rear panel of each Stealth 8 monitor.
- Turn On the Power switch on the rear panel of each Stealth 8.
- Enjoy the music.

While you're enjoying your Stealth 8 monitors, it would be a great time to read the rest of the manual to learn more about them.

Connections

Each Airmotiv Stealth 8 accepts a single balanced input via a combination XLR and 1/4" input connector. This input also accepts an unbalanced 1/4" connector (you will lose the benefits of a balanced connection, but it won't cause any problems).

Cables

- Always use high quality, fully shielded cables.
- Balanced connections and cables are more resistant to hum and noise than unbalanced cables.
- Always ensure that all cables are plugged fully in, that the connectors fit firmly, and that the cables and connectors are in good condition, with no bent pins or corrosion.
- Verify that the cables themselves are wired properly according to standards. (You may encounter custom or modified cables, especially in studios.)

Cable Topology (runs)

- Always run cables as directly as possible, and use the shortest cables that fit your requirements. Avoid using excessively long cables and coiling up the excess, especially with unbalanced connections.
- If long cable runs are required, then using a balanced connection is more important, and is strongly suggested.
- Avoid running signal cables next to power cables. If this is unavoidable, then using balanced cables is virtually a necessity to avoid hum problems.
- If you cannot avoid using unbalanced cables in close proximity to power cables, try not to run them parallel to each other, and try to ensure that, if and when they cross each other, they do so at right angles.

Mounting Location

Each Stealth 8 should be mounted on a stand or bracket that can safely support its weight. You should allow at least six inches of clearance behind the back of each Stealth 8, and some free air flow around them. (The rear ports on the Stealth 8 require six to twelve inches of clearance to work properly. In addition, the heat sinks for the amplifiers in the Stealth 8 are on the back, and require both clearance and free air flow to operate properly and to avoid causing the Stealth 8 to overheat. You must avoid mounting the Stealth 8 with its back against a surface that will impede air flow; it is also inadvisable to shut the rear of the Stealth 8 in a cabinet or shelf which fails to provide free air flow around the rear and sides of the cabinet. If you must do so, then you must provide forced-air ventilation.)

Indicators

The Airmotiv Stealth 8 has a single indicator LED - located on the front panel on the bezel just below the tweeter. The LED illuminates blue when the Stealth 8 is turned on. (It flashes red for a few seconds as the Stealth 8 is powering up.)

If an internal electrical fault occurs, the Stealth 8 will go silent and the indicator LED will flash red. If this happens, switch the AC power Off and On again to clear the fault. If the indicator continues to flash red when you power on the Stealth 8, please contact Emotiva Pro Technical Support.

If the Stealth 8 overheats (which is unlikely to occur with normal use), the monitor will go silent, and the indicator LED will extinguish (it will not be lit red). If this happens, turn off the AC power and allow the monitor to cool down for several minutes, at which point you can restart it (the thermal protection circuitry resets automatically). If the Stealth 8 overheats frequently, verify that you have sufficient ventilation and that air flow to the heat sinks is unobstructed. If overheating persists, contact Emotiva Pro Technical Support.

Adjustments

The Stealth 8 has several adjustments that allow you to customize its gain and frequency response to your particular studio and mounting location.

Input Sensitivity adjustment

The Stealth 8 will nominally reach full output with an input level of 1 VRMS. (Of course this will vary depending on other settings and program content.) The Input Sensitivity control offers the ability to adjust the gain of the Stealth 8 by approximately +/- 6 dB for matching purposes.

Bass Tilt adjustment

The Bass Tilt adjustment allows you configure a gradual bass roll-off on the Stealth 8 to compensate for room acoustics. Frequency modification starts at approximately 1250 Hz, and reaches a maximum effect of -2 dB, -4 dB, or -6 dB at 40 Hz. The DIP switch labelled Mute completely disables the low-frequency transducer in the Stealth 8.

The default setting (with all DIP switches OFF) is flat.

Note: Please turn only one DIP switch in each group On at once.

Bass Roll Off adjustment

The Bass Roll Off adjustment allows you to apply a gradual bass roll-off on the Stealth 8 to compensate for room acoustics and boundary effects. The effect of the Bass Roll Off adjustment is more subtle than that of the Bass Tilt adjustment, and only affects lower frequencies. Frequency modification starts at approximately 250 Hz, and reaches a maximum effect of approximately -2 dB, -4 dB, -6 dB, or -8 dB at 40 Hz.

The default setting (with all DIP switches OFF) is flat.

Note: Please turn only one DIP switch in each group On at once.

Treble Tilt adjustment

The Treble Tilt adjustment allows you configure a slight boost or cut to the high-frequency response of the Stealth 8 to compensate for room acoustics. This is a shelving response adjustment which commences at approximately 2 kHz and has the specified effect at 3 kHz and above . High-frequency gain may be adjusted to +1 dB, -1 dB, or -2 dB. The DIP switch labelled Mute completely disables the high-frequency transducer in the Stealth 8.

The default setting (with all DIP switches OFF) is flat.

Note: Please turn only one DIP switch in each group On at once.

Care and Maintenance

Periodic Maintenance

Your Emotiva Airmotiv Stealth 8 precision bi-amplified powered monitors are factory calibrated (internally) and require no periodic maintenance or calibration.

Cleaning the Cabinet and Baffle

- The cabinet of the Stealth 8 powered monitor should normally be cleaned with a rag dampened with plain water. **DO NOT** spray water directly onto or into the monitor, transducers or connectors, and **DO NOT** use abrasive or chemical cleaners. Gently dry the surface with a clean soft rag after cleaning.
- If necessary, use a mild detergent, wipe the surface with a rag dampened with plain water afterwards to rinse it, and then gently dry the surface with a clean soft rag.
- If something nasty does get on the sides or top of your Stealth 8, use a rag dampened with a weak solution of dish detergent or other mild cleaning liquid, followed by a rag dampened with plain water, and then dry with a clean rag. Avoid applying cleaning liquid to the front baffle.

Cleaning the Low-frequency Transducer

- Is something gets splattered on the cone or surround of the low-frequency transducer, it may be *carefully* cleaned with a dampened rag. Be careful to avoid excessive pressure.

Cleaning the High-frequency Transducer

- If dust or fuzz finds its way into the front of the high-frequency transducer, you can try to dislodge it by blowing gently into the front of the transducer at an angle.
- **DO NOT** reach into the front of the transducer with foreign objects (like tweezers) to remove lint or dust as you may easily damage the transducer.
- **DO NOT** use high pressure air for cleaning! This may damage the membrane.
- If foreign objects or dirt become lodged in the transducer, contact Emotiva Pro Technical Support for assistance.

Changing a Fuse

- If the fuse blows, **ALWAYS REPLACE IT WITH ONE OF THE SAME SIZE, RATING, AND TYPE; NEVER USE A FUSE OF HIGHER RATING.**
- If the fuse blows repeatedly **CONTACT EMOTIVA PRO TECHNICAL SUPPORT.** (If there is any doubt, first verify that your AC power source is the correct voltage.)
- To change the fuse, use a screwdriver to release the fuse holder. The fuse holder is the little plate with the picture of a fuse on it (which is part of the IEC power cord receptacle). First remove the power cord. Then pry up on the edge of the plate nearest the power cord opening, and the fuse holder will slide out like a drawer. Replace the fuse with one of the same size, rating, and type and carefully replace the fuse holder (be sure to press firmly so it locks into place).

Specifications

Frequency Response:

30 Hz to 23 kHz + / -1.75 dB.

28 Hz to 32 kHz +0 / -6 dB.

Input Connectors:

One balanced combination connector

(accepts a balanced XLR, balanced 1/4", or unbalanced 1/4" connector).

Driver complement:

One 60 x 32 mm *airmotiv*[™] high-frequency transducer.

One 205 mm (8 inch) *airmotiv*[™] low-frequency transducer.

Bass Alignment: Low-diffraction rear-oriented slot-loaded port .

Amplification:

High-frequency amplifier: 200 watts RMS.

Low-frequency amplifier: 200 watts RMS.

Crossover:

Precision multi-pole phase compensated fully active crossover.

Crossover frequency: 2 kHz.

Adjustments and Calibrations:

Gain adjustment: nominal +/- 6 dB.

Bass Tilt adjustment: -2 dB, -4 dB, -6 dB at 40 Hz (starting at 1250 Hz),
or fully disable low-frequency driver.

Bass Roll Off adjustment: -2 dB, -4 dB, -6 dB, or -8 dB at 40 Hz
(starting at 250 Hz).

Treble Tilt adjustment: +1 dB, -1 dB, -2 dB (above 3 kHz),
or fully disable high-frequency driver.

Maximum Acoustic Output (pair, short term):

> 115 dB SPL (sine wave, @ 1 meter, on axis, radiating into half space).

> 121 dB SPL (sine wave, @ 0.5 meter, on axis, radiating into half space).

Power Source:

120 VAC 50/60 Hz +/- 10% or 230 VAC 50/60 Hz +/- 10%

IEC standard removable power cord

Size and Weight:

Size (each): 16.5" high x 12" wide x 15" deep (420 mm x 305 mm x 380 mm)

Weight (each): 41.5 pounds (19 kg)

Troubleshooting

Emotiva Pro Airmotiv Stealth 8 precision powered monitors are carefully designed and manufactured from high-quality precision components to ensure years of trouble free operation. The troubleshooting section describes some common problems and how to eliminate them. If this doesn't solve your problem, please contact Emotiva Pro Technical Support, where a real person will be glad to help you get up and running.

Please remember to power down your Stealth 8 monitors and all connected equipment before changing or disconnecting cables.

Problem: Excessive hum or noise

- Check your signal source.
- Verify that all cables are plugged fully in, that the connectors fit tightly, and that the cables and connectors are in good condition.
- Try repositioning cables. If you have signal cables running near power cables, try moving them further apart. (This is especially important with unbalanced cables.)
- If you are using unbalanced connections, try higher-quality cables with better shielding. If that reduced but fails to eliminate the hum, consider trying balanced cabling (especially for long runs or where runs next to power cables are unavoidable).
- If you're already using a balanced connection, the balanced outputs on some equipment may offer various options including "ground lift". While none of these options is specifically recommended, some may produce good results in some situations.
- Some audio equipment (especially vacuum tube type) has a high output impedance, which makes it inherently sensitive to picking up hum and noise, especially if only unbalanced connections are provided. It is *essential* that signal cables used with such equipment be kept short, of good quality, and not run near power cables.
- In a new installation, especially in a studio environment, verify that your cables are wired properly. (In studios, pros often customize cables for various reasons, which may include removing ground connections from one or both ends.) If you suspect that your cables are non-standard, either check them with an ohmmeter or try another cable.

Problem: No sound

- If the power indicator is flashing red, this indicates that an internal fault has occurred. If this happens, turn your Stealth 8 Off and back On again to clear the fault. If the fault remains, then please contact Emotiva Pro Technical Support.
- If the LED indicator is not lit, your Stealth 8 may be in thermal protect mode. Switch the power Off, wait several minutes, then switch it back on.
- If the LED indicator is not lit, and your Stealth 8 is not warm to the touch (the rear panel), verify that the circuit you are using is live. If so, then check the fuse on the rear panel of the Stealth 8.

Problem: Intermittent sound

- Check your connections and cables.
- Check your signal source.

Problem: Low but undistorted sound

- Check your connections and cables.
- Check your signal source.
- Check the Gain adjustment.

Problem: Unbalanced sound or poor imaging

- Verify that the Gain adjustments on both (or all) monitors are set the same.
- Verify that the rear panel equalization controls, which are used to compensate for speaker position and room acoustics, are set in the same position for each monitor. In general, although some situations may demand unusual settings, the best performance will be achieved if the equalization controls on symmetrical pairs of monitors, such as a single pair of monitors or a pair of surrounds, are set the same. If not, uneven frequency response and poor imaging may result.
- Check your signal source.

Problem: No sound from only one transducer

- Verify that the Mute DIP switch is not in the ON position for the transducer which has no output.
- If the switches are set correctly, then check your source.
- Contact Emotiva Pro Technical Support.

Emotiva Professional Systems LLC Five-Year Limited Warranty

What does this warranty cover? Emotiva Professional Systems, LLC ("Emotiva") warrants its products against defects in materials and workmanship.

How long does this coverage last? This warranty commences on the date of retail purchase by the original retail purchaser and runs for a period of five years thereafter. This warranty is transferrable to any person that owns the warranted product during the 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 the previous 2 sentences 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. A claim under this warranty must be made by you within the Term. 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.

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 to the product. Emotiva may provide you with a refund of the actual purchase price of the product in the event (i) Emotiva is unable to provide replacement and repair is not commercially practicable or cannot be timely made, or (ii) you agree to accept a refund in lieu of other remedies hereunder. 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 is given, the product for which the refund 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 non-Emotiva products, 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 (vi) if any Emotiva serial number has been removed or defaced and Emotiva cannot otherwise confirm that you are the original retail purchaser. 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.

Stealth 8 Precision *airmotiv*[™] Monitor - Operator's Manual

How do you get service? In order to make a claim under the warranty, you must:

1. Call a customer service representative ("CSR") of Emotiva at (1-877-EMO-TECH / 1-877-366-8324). Provide the CSR with a description of your problem and the serial number of the product for which the warranty claim is being made.
2. The CSR will provide you with a returned material authorization number ("RMA").
3. Ship the product to Emotiva at the following address, with the RMA written in large, bold numbers on the outside of the box, and with the letters "RMA" written before the number. Parcels arriving without a RMA number on the outside of the box will be refused.

**Emotiva Professional Systems, LLC
Attn: Repair Department
135 Southeast Parkway Court
Franklin, TN
37064**

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.

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PRO

131 SE Parkway Court
Franklin, TN 37064
www.emotivapro.com