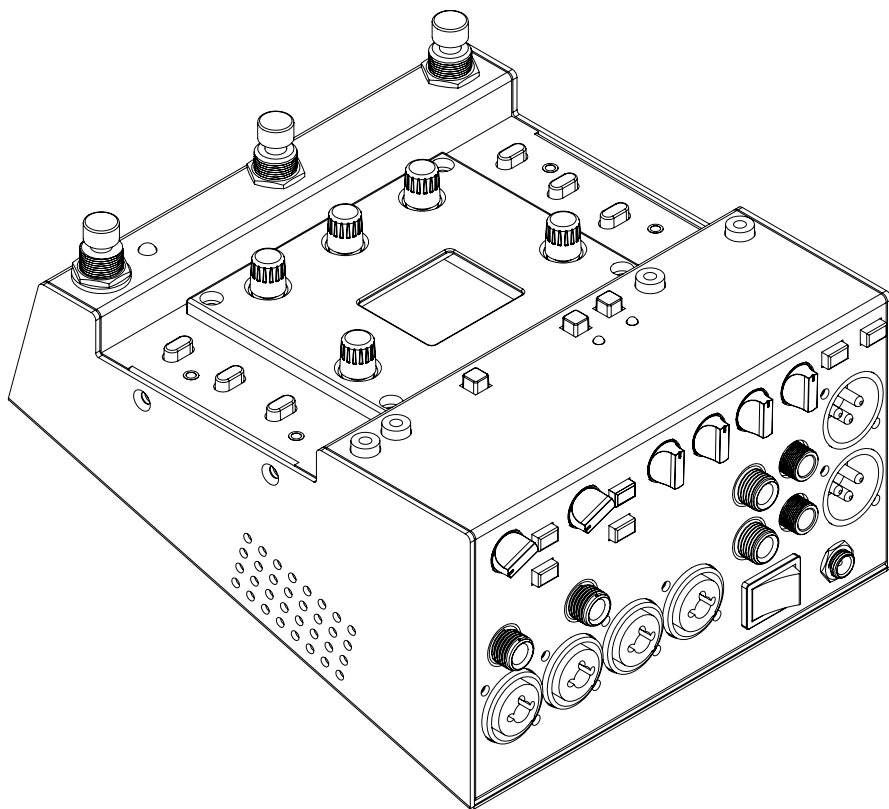


Elite Acoustics Engineering

StompMix 6-2 Six Channels Compact Digital Mixer Pedal with 4 Mic/line and 2 Instrument Inputs

Quick Guide Handbook - V1.01



WHAT IS IN THE BOX

Your StompMix 6-2 package contains the following:

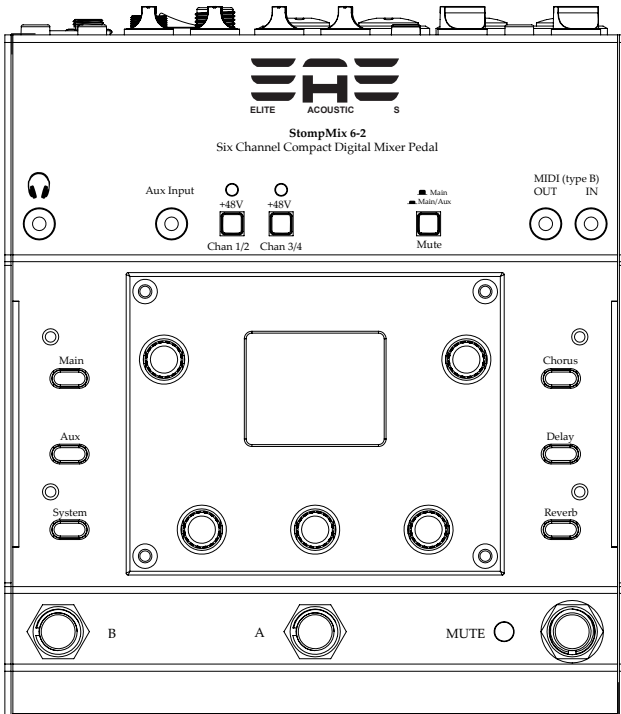
- (1) StompMix 6-2 unit
- (1) AC to 12VDC Power Supply Adapter

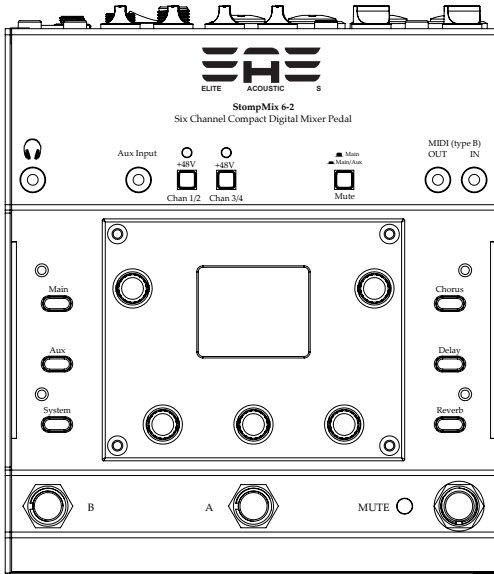
NOTE: Due to continuous development and improvements of our products, features and specifications are subject to change without notice. All weights and measures are approximate.

For a copy of the complete User's Manual, please visit: www.eliteacoustics.com

May 2023

The StompMix 6-2 compact digital pedalboard mixer packed a 32-bit DSP engine to a lightweight and compact stomp box package. The StompMix 6-2 offers a full featured, highly intuitive 6 channels Digital Mixer with a Color Display. The powerful DSP engine provides a compressor, limiter, Mid sweepable EQ, Highpass Filter, Notch Filter, Phase reverse to each of the 4 Mic inputs. The StompMix 6-2 features Reverb/Chorus effects processors with dedicated mix bus, an assignable Delay effects processor, and 4 Class A solid-state Mic pre-amps with +48V Phantom power. You will also have the ability to stream and/or mix your Aux inputs from your MP3 player or Phone for backtracking and in between sets music. We added 2 Footswitches allowing instant access to stored scenes for easy and fast setup.

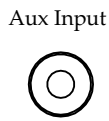




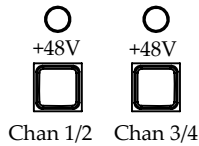
Foot Switch “B” “A” “MUTE”



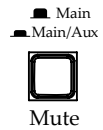
Headphone
Output (L/R)



Aux
Input (L/R)

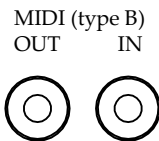


+48V Switches
and LEDs

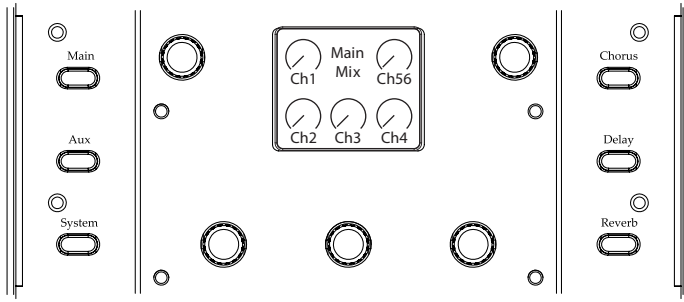


Selection Switch
for MUTE switch
function.

MUTE MAIN only
or MUTE both Main
and Aux outputs



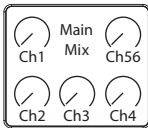
Midi IN and OUT
use “type B” 1/8 TRS
connections.



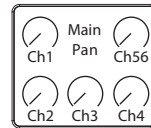
LCD FUNCTIONS

Menu Buttons with LCD:

Press any of the 6 menu buttons (black button located to the left and right of LCD) or 5 encoders (blue knobs located around LCD) to access and adjust features and settings. Most menus have several pages of options, which are adjusted by turning the corresponding encoder.



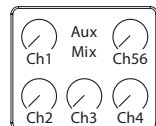
“Main” Page 1: **“Main Mix”**
Adjust the level of each of the 5 channels.



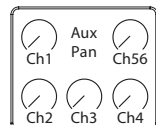
“Main” Page 2: **“Main Pan”**
Adjust the stereo panning for each of the 5 channels.

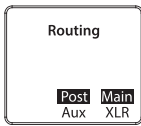
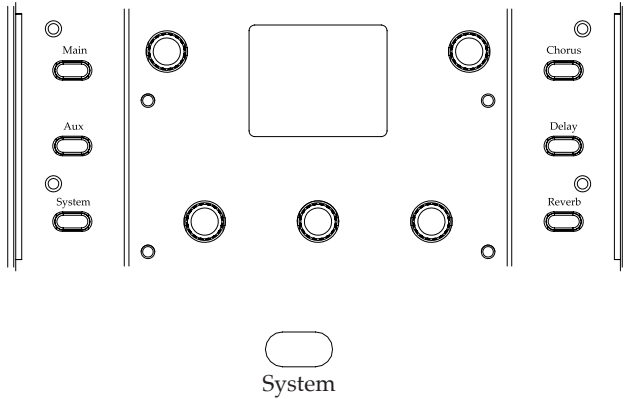


“Aux” : “Aux Mix” Adjust the level of each of the 5 channels sent to the Aux Outputs.



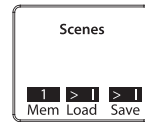
“Aux” : “Aux Pan” Adjust the panning between “Aux Send 1” and “Aux Send 2” for each of the 5 channels.





“System” : “Routing”

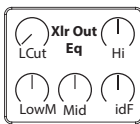
Assign “Pre” or “Post” fader i.e., “Main Mix” Channel 1 through Channel 6, signals to the Aux Sends. You can also select either “Main” mix or “Aux” mix as the source for the XLR outputs.



“System” : “Scenes”

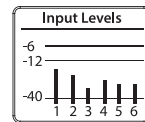
Save and Recall up to 10 mixes i.e., scenes.

Scenes change can be done via the “A” and “B” footswitches.
or via MIDI
“Program Change”



“System” : “XLR out EQ”

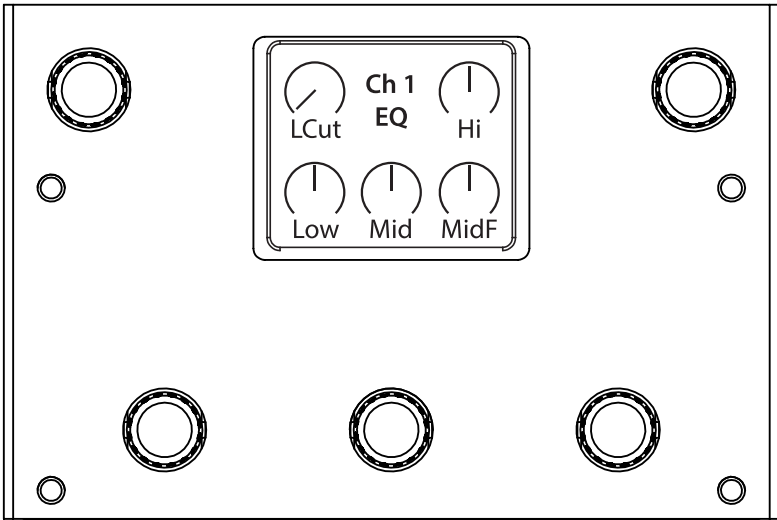
Setting for EQ for the XLR outputs when it is SET on “MAIN outputs”



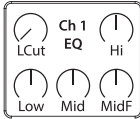
“System” : “Input Levels”

Displays a bar graph for each channel’s input level. Adjust the channel’s “Gain” pot to set desired level.

It is best to set your input signal level to be under -12db to avoid clipping the input circuit.

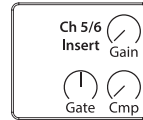
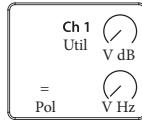
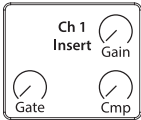


Encoder Select
(Channel 1 to Channel 5/6)



“Encoder Select” (press to enable): “Ch 1 EQ”

Adjust the EQ settings for which ever channel is selected.



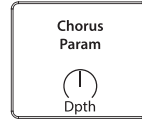
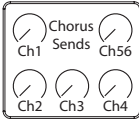
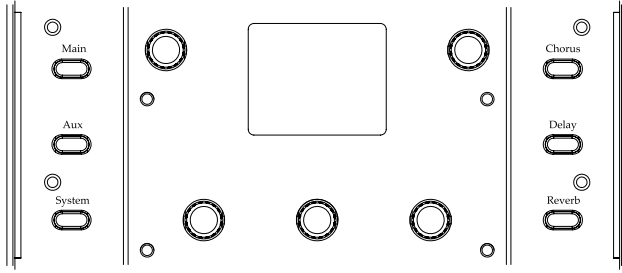
“Encoder Select” (press to enable): “Ch 1 Insert” and “Ch 1 Util”

Adjust the Insert settings for the selected channel (Ch.1-4). Note: this includes “V” Notch Filter and Frequency, Gain and Threshold settings as well as an independent Noise Gate.

“=” indicate Phase

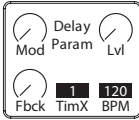
“Encoder Select” (press to enable): “Ch 5/6 Insert”

Adjust the Insert settings for Channel 5/6. Note: this includes Gain and Threshold settings as well as an independent Noise Gate.



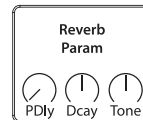
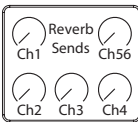
“Chorus”: “Chorus Sends” Adjust the Chorus level of each of the 5 channels. Reverb is only available on Main Mix ONLY, not available on AUX mix.

“Chorus”: “Chorus Param” Adjust the Depth of the Chorus for each of the 5 channels.



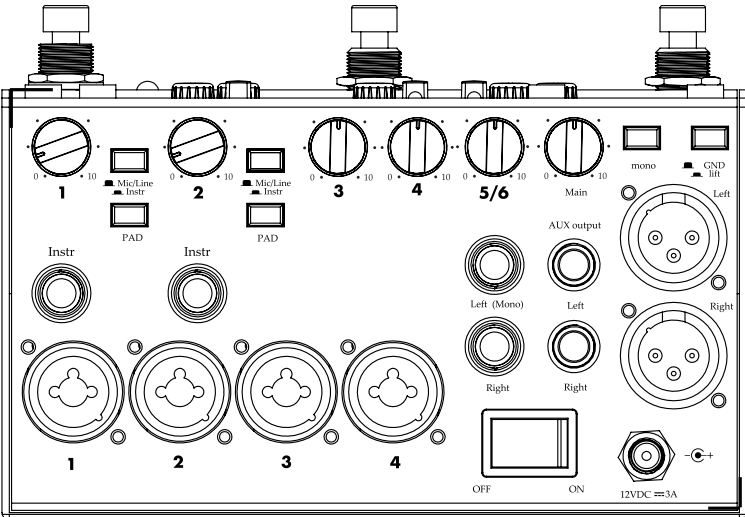
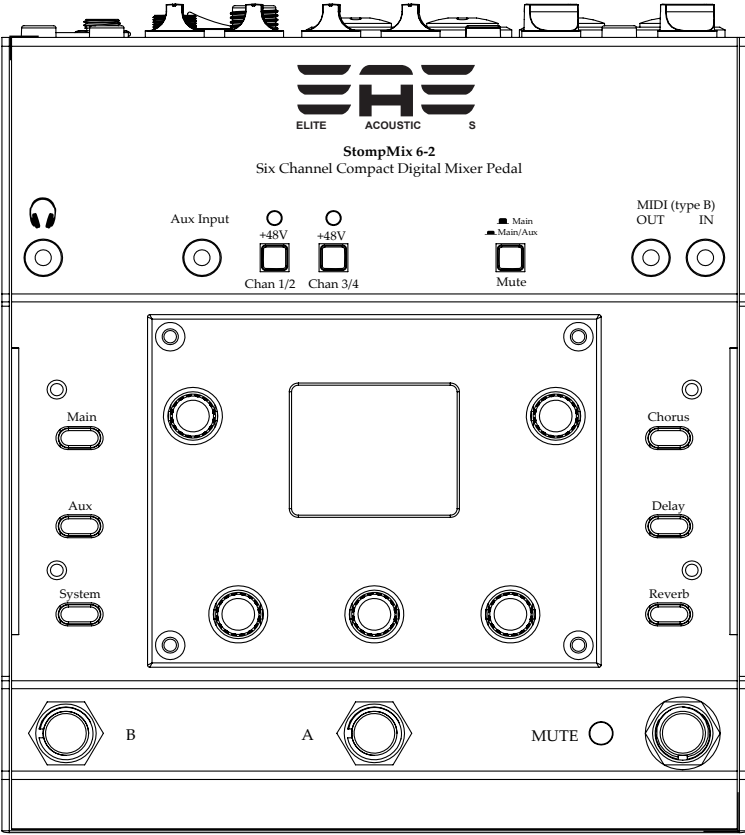
“Delay”: “Delay Param” Adjust “Modulation,” “Feedback,” “Time Offset,” “BPM” Delay Time, and “Level” of the delay.

“Reverb”: “Delay Routes” Assign a channel to the delay. Note that this is an “insert” type effect and is intended for a selectable single channel. It precedes the Reverb and Chorus effects.

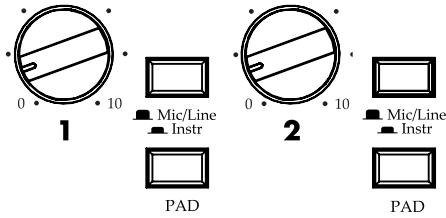


“Reverb”: “Reverb Sends” Adjust the Reverb level of each of the 5 channels. Reverb is only available on Main Mix ONLY, not available on AUX mix.

“Reverb”: “Reverb Param” Adjust the Decay and Tone of the Reverb.



Channel 1 and 2



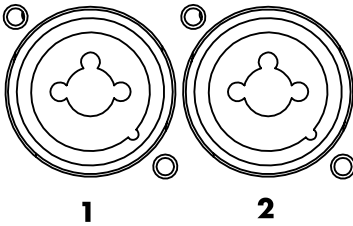
Gain: Gain level control

Mic/Line or High-Z selection switch

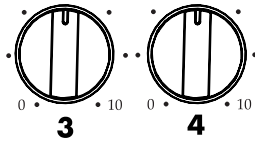
PAD: Fixed attenuation to reduce input level



1/4" TS High-Z

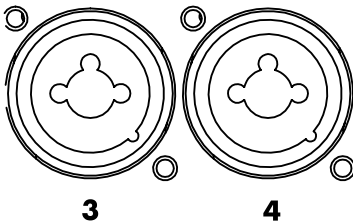


XLR/LINE combo jack



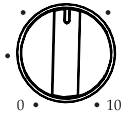
Channel 3 and Channel 4

Gain: Gain level control



XLR/LINE combo jack

Channel 5/6



1/8" TRS jack input (on the TOP view)

5/6



Left (Mono): 1/4" balance TRS input

Left (Mono)



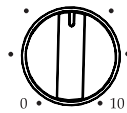
Right: 1/4" balance TRS input

Right

Aux MIX Output:

1/4" TS Jack

Connect to an Active Speaker for stage Monitoring or use these to send to EFX unit. *use Channel 5/6 as Returns*



Main



mono



GND lift

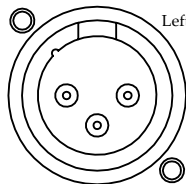
AUX output



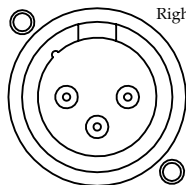
Left



Right



Left



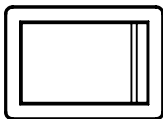
Right

Main MIX Output:
Output Level (also control Headphone output Level on Top view)

MONO switch

GND lift switch

XLR Left/Right Output



OFF ON

Power Switch.



12VDC 3A - +

DC input Jack.

Unit can be charged with unit "ON" or "OFF"

Size - 5mm/2.1mm
Center Positive
12VDC 2A or 3A

The StompMix 6-2 pre-amp circuits are designed for MIC/Line/Instrument inputs. Where the Instrument input has very high gain that is for passive pickup systems. If you are using active pickups, the Line inputs should be used to prevent clipping of the Pre-Amp inputs. Clipping the Pre-Amp will result in distorted sound as the Digital Mixer requires proper Gain structure. To prevent distorted outputs, the following step should be followed.

1) To start, use Line Input for Active Pickup systems.

Instrument inputs are designed for passive pickups that require high gain.

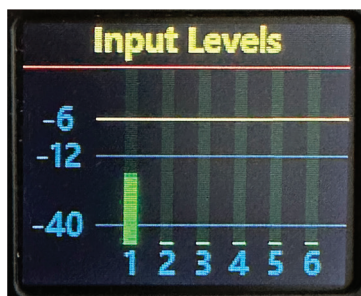
Pre-AMP input level can be check by changing “System” menu to “Input Levels”

Only use Instrument inputs if you input level is low with Line inputs.

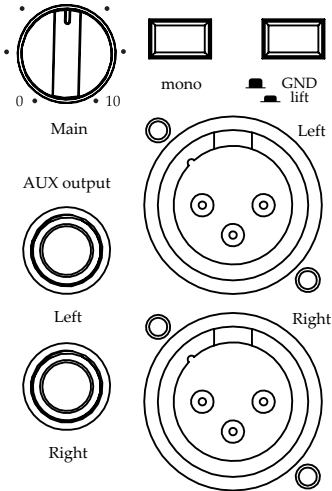
2) Set input level to be about -12db on normal playing.

Input Level can be adjusted by the Gain Knob on the rear panel for each channel.

3) Set Main Mix input to be about 12 o'clock to start.



4) Adjust output level by turning the “Main” knob *on rear panel*.



SYSTEM SPECIFICATIONS

- System Architecture : Ultra high-speed high-capacity DSP with lossless A/D and D/A conversion. Integrated Digital Mixer supports routing and seamless signal-level management for five fully configurable audio channels. Color Graphic LCD presents a highly intuitive GUI for settings, save & recall, and MIDI functionality.

- Digital Effects and Controls: Channel Parametric EQ, Notch Filter, Phase, Compressor, Noise Gate, Main and Aux panning, Reverb, Chorus, Delay, Real-Time Chan-Level Bar Graphs, Save & Recall Scenes.
- Analog Master controls: Master Volume, Mono Switch, GND lift Switch, MUTE footswitch
- . "A" and "B" scene change footswitches.

- Nominal output levels (1 kHz): Aux out: -10 dBu Main Output: +4dBu

- . PAD switch: Chan 1 and 2

- Phantom Power: +48V,

- Displays: Color Graphic LCD; signal, peak, sys power, phantom power, and batter level LEDs

- Connectors: CH1 & 2: Input jacks (XLR/Line Combo, 1/4" Instrument), CH3/4: (mic XLR/Line combo, 1/4" Instrument), CH5/6: Left/Right stereo input (1/4" TRS) and 1/8" TRS jack, Aux Mix output (1/4" TS jack), XLR Main Mix outputs, DC in jack

- . Output MAIN XLR Balanced

- . Frequency Response:

40hz - 20Khz +/- 1db

- .Impedance

Chan 1/2/3/4 XLR - 1K ohm

Chan 1/2/3/4 LINE - 10K ohm

Chan 1/2/3/4 Instrument Input - 1M Ohm

Outputs - 150 ohm

- Power Supply: DC 12V 2A or 3A

- Current Draw: 600 mA

- Accessories: AC cord, AC adaptor, Owner's manual

- Dimensions: 6.58"L x 6.46"W x 4.11"H

- Weight: 4 lbs

Product specifications subject to change without notice.

For more updated details, please visit: www.eliteacoustics.com or contract us via email.



Legal Notice: CALIFORNIA PROPOSITION 65 WARNING
WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS.

1. THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND
2. THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

WARRANTY (USA ONLY)

Elite Acoustics Engineering Inc. warrants this product to be free of defects in material and workmanship (excluding battery) for a period of 1 year from the date of original retail purchase. Elite Acoustics Engineering Inc. warrants the Speaker's Battery for 90 days from the date of original retail purchase. This warranty is enforceable only by the original retail purchaser. To be protected by this warranty, the purchaser must complete and return the enclosed warranty card within 14 days of purchase. During the warranty period EAE shall, as its sole and absolute option, either repair or replace, free of charge, any product that proves to be defective on inspection by EAE or its authorized service representative. To obtain warranty service, contact Elite Acoustics Engineering Technical Support via email: RMA@eliteacoustics.com. **PRE-AUTHORIZATION MUST BE OBTAINED BEFORE SENDING ANY PRODUCT TO AN ELITE ACOUSTIC ENGINEERING SERVICE CENTER.** All inquires must be accompanied by a description of the problem. All authorized returns must be sent to the EAE repair facility postage prepaid, insured and properly packaged. EAE reserves the right to update any unit returned for repair. EAE reserves the right to change or improve the design of the product at any time without prior notice. This warranty does not cover claims for damage due to abuse, neglect, alteration, or attempted repair by unauthorized personnel and is limited to failures arising during normal use that are due to defects in material or workmanship in the product. Any implied warranties, including implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the length of this limited warranty. Some states do not allow limitations on how long an implied warranty lasts, therefore above limitation may not apply to you. In no event will EAE be liable for incidental, consequential, or other damages resulting from the breach of any express or implied warranty, including among other things, damage to property, damage based on inconvenience or on loss of use of the product, and, to the extent permitted by law, damages for personal injury. Some states do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. This warranty only applies to products sold and used in the United States of America. For warranty information in all other countries please refer to your local distributor.

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Outside the USA - Contact the Distributor in your area for service and warranty info.