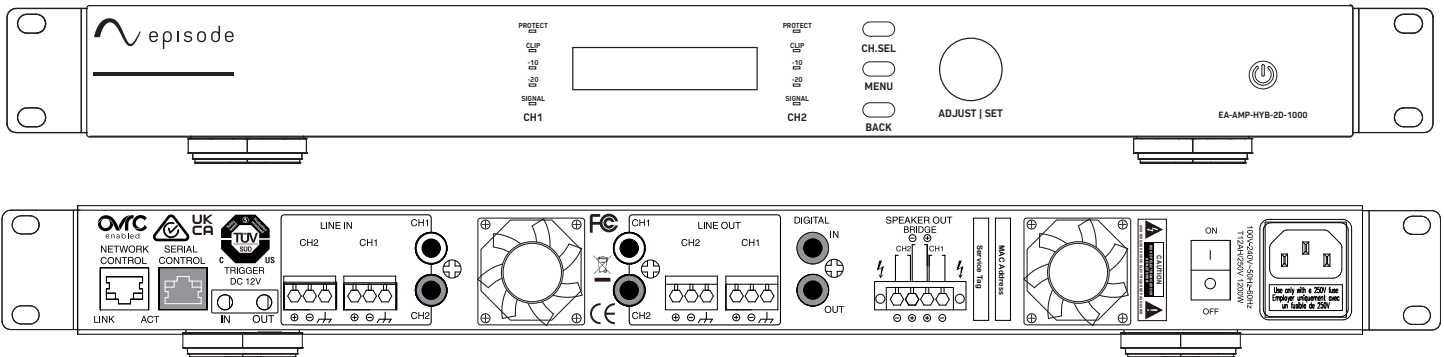




**PRODUCT MANUAL**  
**EA-AMP-HYB-2D-1000**  
**EA-AMP-HYB-2D-2000**

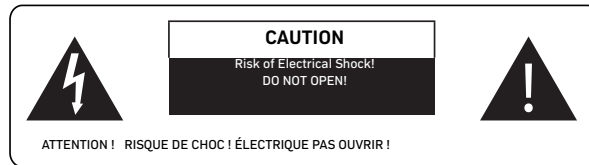


**REAL. LIFE. SOUND.**



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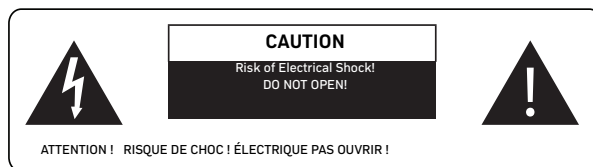


	The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.
	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
13. Unplug this apparatus during lightning storms or when unused for long periods of time. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
14. This product employs a Class I (or grounded) construction and shall be connected to a mains socket outlet with a protective earthed (or ground) connection.
15. DO NOT EXPOSE THIS EQUIPMENT TO DRIPPING OR SPLASHING AND ENSURE THAT NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, ARE PLACED ON THE EQUIPMENT.
16. TO COMPLETELY DISCONNECT THIS EQUIPMENT FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE.
17. THE MAIN PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY OPERABLE.
18. **CAUTION:** TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



	Le flash de foudre avec le symbole de pointe de flèche, dans une triangle équilatérale, est prévu pour alerter l'utilisateur à la présence de la tension dangereuse non isolée dans la clôture du produit qui peut être de la grandeur suffisante pour constituer un risque de décharge électrique aux personnes..
	Le point d'exclamation dans une triangle équilatérale est prévu pour alerter l'utilisateur à la présence des instructions importantes de fonctionnement et d'entretien (entretien) dans la littérature accompagnant l'appareil.

## CONSIGNES DE SÉCURITÉ IMPORTANTES

**Avertissement:** Pour réduire le risque d'incendie ou un choc électrique, ne pas exposer cet appareil à la pluie ou à l'humidité.

1. Lisez ces instructions.
2. Conservez ces instructions.
3. Respectez tous les avertissements.
4. Suivez toutes les instructions.
5. Ne pas utiliser cet appareil près de l'eau.
6. Nettoyer avec un chiffon sec.
7. Ne pas bloquer les ouvertures de ventilation . Installer conformément aux instructions du fabricant.
8. Ne pas installer près de sources de chaleur telles que des radiateurs , registres de chaleur, poêles ou autres appareils (incluant les amplificateurs) qui produisent de la chaleur.
9. Ne pas contourner le dispositif de sécurité de la fiche polarisée ou de mise à la terre . Une fiche polarisée possède deux lames dont une plus large que l'autre . Une fiche de terre a deux lames et une troisième broche de mise à la terre . La lame large ou la troisième broche sont fournies pour votre sécurité . Si la fiche fournie ne rentre pas dans votre prise, consultez un électricien pour le remplacement de la prise obsolète.
10. Protégez le cordon d'alimentation ne soit piétiné ou pincé, en particulier au niveau des fiches , des prises de courant et le point de sortie de l'appareil.
11. N'utilisez que des fixations / accessoires spécifiés par le fabricant.
12.  Utilisez uniquement avec le chariot, le trépied, le support ou la table spécifiés par le fabricant, ou vendu avec l'appareil. Quand un chariot est utilisé, faites attention en déplaçant l'ensemble chariot/appareil pour éviter les blessures en cas de renversement.
13. Débranchez cet appareil pendant les orages ou lorsqu'il n'est pas utilisé pendant de longues périodes de temps. Refer à un technicien qualifié personnel . Une réparation est nécessaire lorsque l'appareil a été endommagé de quelque façon que ce cordon d' alimentation ou la prise est endommagé , du liquide a été renversé ou des objets sont tombés dans l'appareil, l'appareil a été exposé à la pluie ou à l'humidité , ne fonctionne pas normalement , ou s'il est tombé .
14. Ce produit utilise une classe I ( ou la terre) construction et doit être raccordé à une prise de courant mise à la terre avec une protection ( ou masse) .
15. NE PAS EXPOSER CET APPAREIL À éclaboussures et s'assurer qu'aucun OBJET REMPLI DE LIQUIDE , TEL QU'UN VASE , sont placés sur le MATÉRIEL .
16. Pour déconnecter totalement cet appareil du secteur, débranchez la CORDON D'ALIMENTATION fiche de la prise secteur.
17. LA PRISE PRINCIPALE DU CORDON D'ALIMENTATION doit rester facilement accessible .
18. **ATTENTION:** POUR RÉDUIRE LE RISQUE DE CHOC ÉLECTRIQUE, NE PAS RETIRER. NO réparable par l'utilisateur pièces à l'intérieur. CONFIER L'ENTRETIEN DE PERSONNEL QUALIFIÉ .

## INTRODUCTION

Thank you for purchasing an Episode® amplifier. To get started, follow these instructions. For detailed specifications and configuration recommendations, see the product manual posted on our website.

This two-channel amplifier (70V or 8 ohm selectable on each) is designed for applications requiring two-channel stereo audio or two mono zones of audio with different sources or levels. Channels can also be bridged to increase output power and send a singular mono signal.

## IP/OVRC CONTROL

Connect the amplifier to a LAN with internet access to activate an OvrC connection. Create a new account at [www.OvrC.com](http://www.OvrC.com), or log in to an existing account. Select **Add a Device** and enter the device's MAC address and serial number (this information can be found next to the service tag on the product). If OvrC locates the device, directions to continue setup will be displayed.

The local UI can be accessed without OvrC by entering the IP address into a web browser. IP address can be displayed on the front panel via toggling to the "device details" menu. Default login information is shown below:

- Username: episode
- Password: episode

Popular Control System and RS-232 drivers can be found via the Product Support tab.

**NOTE:** To display the IP address of the amplifier, press the **MENU** button until "Device Info" is displayed, then turn the **Adjust/Select** knob.

## CONTENTS

- 1 x EA-AMP-HYB-2D-1000/2000 amplifier
- 1 x detachable 6 ft IEC power cable
- 2 x mounting ears for amplifier
- 4 x removable feet
- 1 x Quick Start Guide

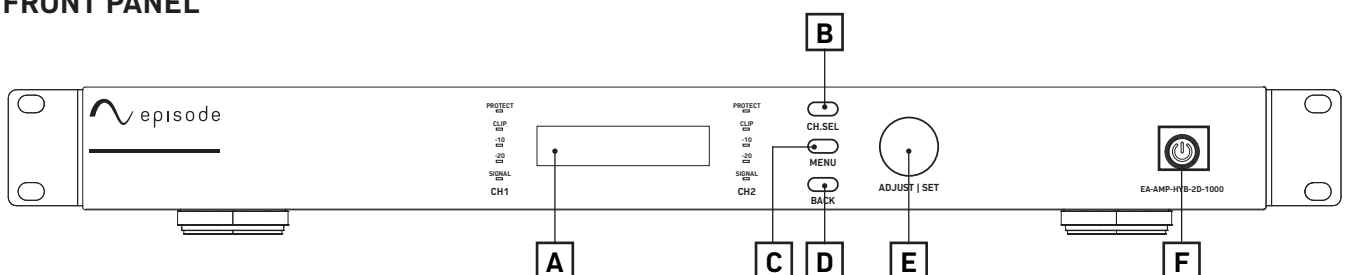
## TOOLS

- 2.0 mm slotted flathead screwdriver
- Wire strippers

## SPEAKER RECOMMENDATION

This amplifier can be used with 70V or 8 ohm loudspeakers, as long as the individual channel output is configured correctly. Use any combination of speakers where the sum of the wattage does not exceed the rated wattage of the speaker output, and the system impedance is not less than 2 ohms. For landscape system design configuration, see the Episode outdoors brand page.

## FRONT PANEL



- Display Panel**  
Displays system information.
- Channel Select**  
Press to select the input channel.

**C. Menu Select**

Press to cycle through system menus.

**D. Back Button**

Press to navigate back a step in the system menu.

**E. Level Adjustment/Selection Knob**

Turn to adjust system levels, press to select.

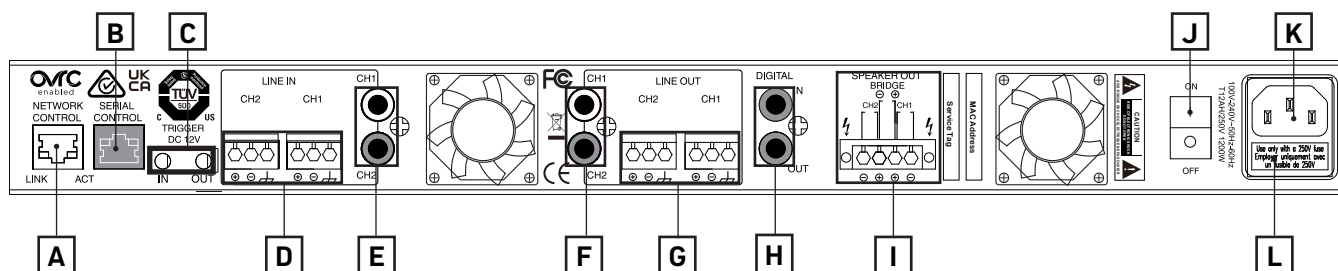
**F. Power Switch with LED Indicator**

Momentary switch for manual control of standby power mode.

**BLUE** – On

**RED** – Standby

**NOTE:** Download the Menu Function chart on the Product support tab for a complete menu map.

**REAR PANEL****A. Ethernet port**

RJ45 port for connecting an Ethernet Cat5e/6 cable for IP control of the amplifier.

**B. RS-232**

To communicate with a control system or PC for serial control of the amplifier.

**C. 12V Trigger IN and OUT**

When 4.5-15V DC are applied to 12V IN, amplifier will turn on. When voltage is dropped, amplifier turns back off. 12V OUT allows other equipment to be controlled from the same 12V signal.

**D. Balanced Inputs 1 & 2**

Set-screw connections for sources with balanced output.

**E. Unbalanced Inputs 1 & 2**

Unbalanced RCA input connections for connection of sources.

**F. Unbalanced Loop Out 1 & 2**

Unbalanced RCA loop out for connection to other amplifiers.

**G. Balanced Loop Out 1 & 2**

Set-screw balanced loop out for connection to other amplifiers.

**H. Digital Input/Output ports**

Digital input and output ports for digital sources.

**I. Speaker terminals**

Note proper positive and negative connections for operating in bridge mode .

**J. Power Switch**

Main amplifier power switch.

**K. IEC power cord**

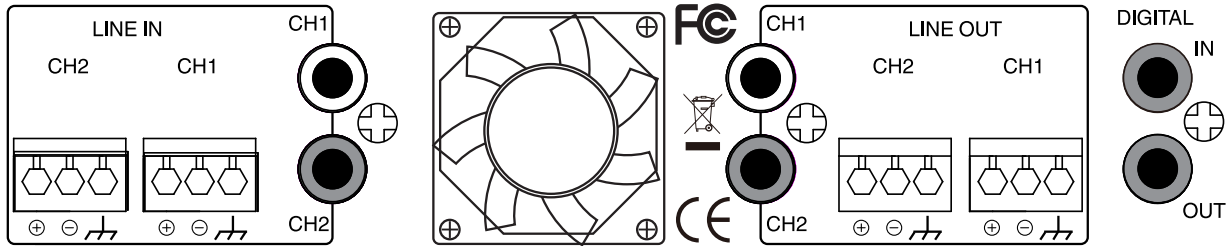
Detachable power for amplifier.

**L. AC fuse**

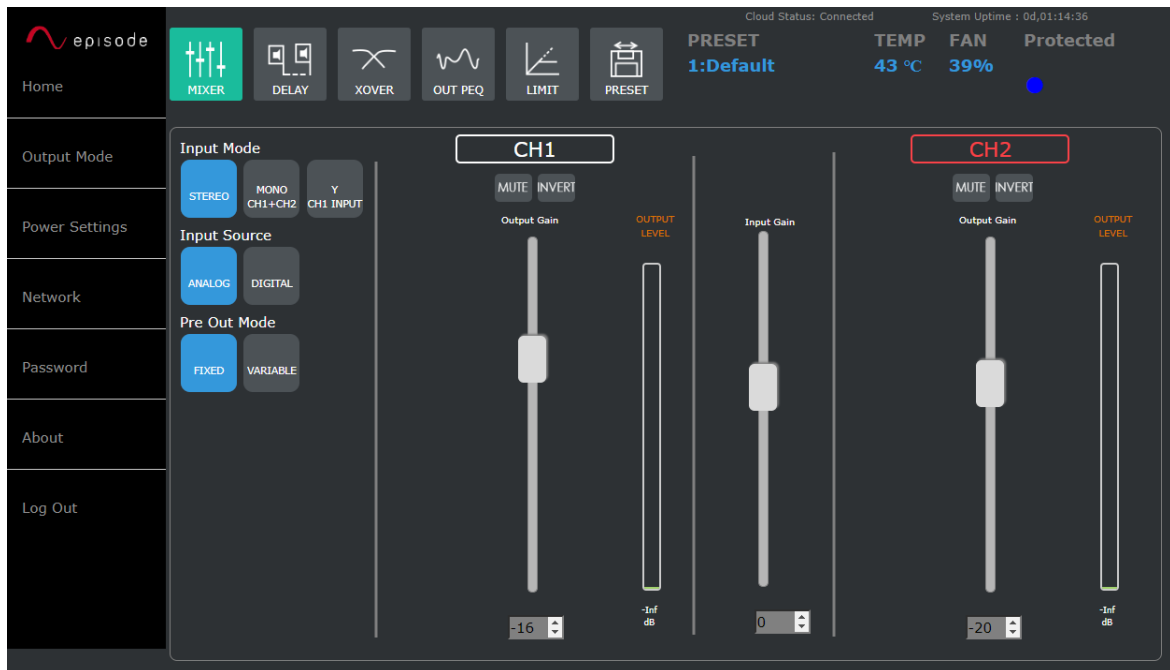
Replaceable main power fuse

## SOURCE CONNECTIONS

Balanced and unbalanced connections are available as shown below. Line out connections may be used to send audio signals to other equipment.



Input mode, source, pre-out, and gain adjustments can all be made via the GUI home screen. Please note that input gain is only adjustable on the analog input source.



Sliding and precise delay adjustment is also available by channel via the home setup screen.





## INPUT GAIN

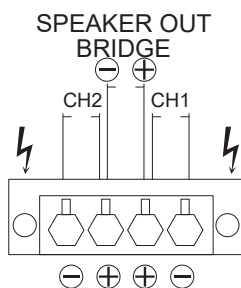
The Episode Hybrid amplifier is optimized for peak performance when the input voltage of the source is 1.4V. To help you achieve that number, the Hybrid amp includes a pre-amplified stage to modify the input source voltage. If the input voltage from the source is less than 1.4V, maximum power output from the amplifier cannot be achieved and the speakers may sound under powered, or quieter than expected. Adjust the **Input Gain** to get your source's output voltage as close to 1.4V as possible.

Use the **Input Gain** slider to boost the input voltage of your source and watch the **Output Level** to make sure it does not clip, or the level turn red. It important to determine how volume is being controlled for the zone in which the hybrid amplifier is being used. There are two common use cases for this amplifier.

- **Using the amplifiers output gain for volume control:** This is the recommended configuration. Fix the volume of the source and use the amplifier's controls for volume adjustment. This allows for optimal performance and a more granular adjustment to the zones volume. The goal is to make sure your **Output Level** doesn't clip when your amplifier is at peak volume.
- **Using the Source output for volume control:** By using this method you are dynamically changing the source's output voltage being input to the amplifier. With this setup, the scale and granularity of volume control is dependent on the source being used. The goal is to make sure your **Output Level** doesn't clip when your source is at peak volume.

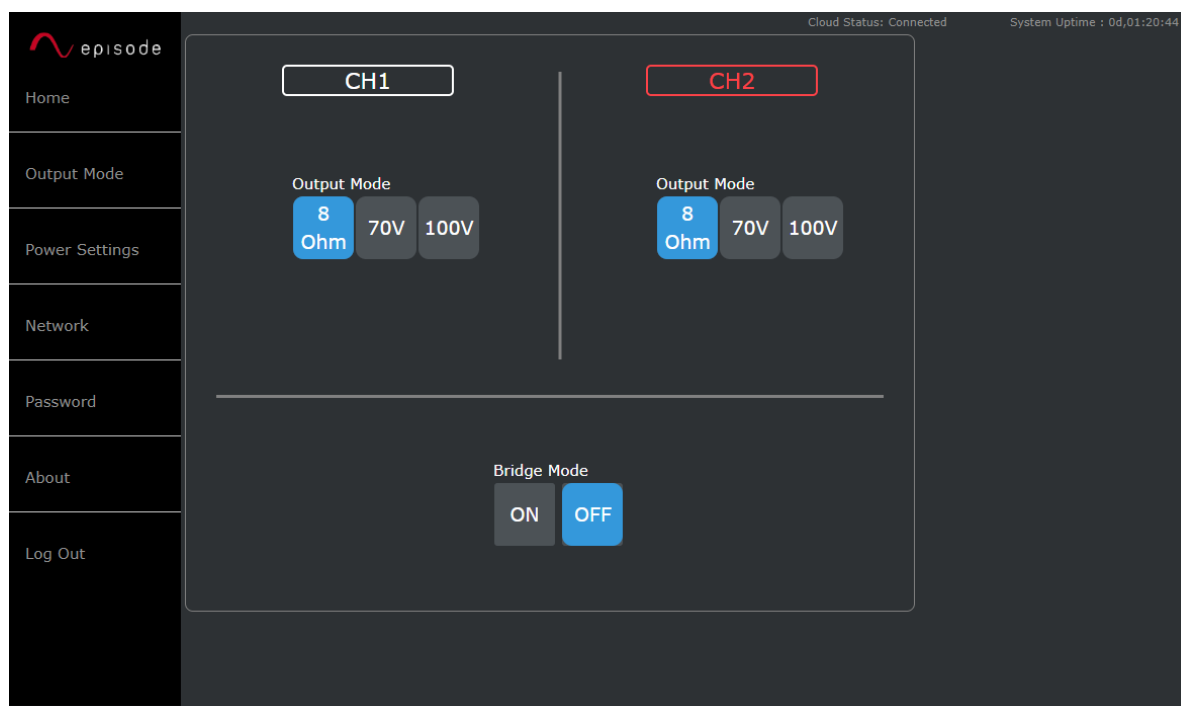
**NOTE:** The output volume of the amplifier must be fixed for this configuration.

See the EA-AMP-HYB Amplifier Source Output Chart to help you determine necessary adjustments.



## SPEAKER CONNECTIONS AND OUTPUT MODE

Use 14 or 16 gauge stranded two-conductor speaker wire. Connect the appropriate conductor to each screw terminal, observing correct polarity. Bridged markings are also shown to the left. Use burial rated wire as necessary for outdoor applications.



## AMPLIFIER POWER CONTROL

### Front Panel Power Button

When the amplifier is powered on, the power swoosh illuminates solid blue. When it is in Standby, the power button is red.

### Resetting the Amplifier

Press and hold the **BACK** button for 10 seconds after the receiver is powered on for a “soft” reset. This resets login information.

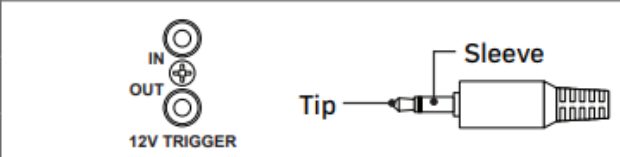
Press and hold the **BACK** button for 20 seconds to initiate a factory reset. The front panel lights will flash, indicating the reset is in progress. This will reset all settings including DSP, channel levels, and input names.

**Note:** If the reset does not work, update your firmware to version 1.3 or better. If you cannot, follow the procedure above using the **MENU** button instead of the **BACK** button.

### 12V Trigger

Episode Hybrid amplifiers are equipped with 12V DC trigger inputs and outputs for trigger control and daisy chain control of more than one amplifier.

To utilize the 12V DC trigger function, attach a mono mini cable between the 12V trigger output of the controlling device and the 12V DC TRIGGER IN port of the amplifier. Connect other devices to the TRIGGER OUT port on the amplifier using a mono-mini cable.

	<b>Cable</b>	3.5 mm Mono-mini
	<b>Tip</b>	4.5-15V DC (constant during use)
	<b>Sleeve</b>	Ground/Common

### Audio Sense

If Audio Sense is enabled via setup through the web interface, the amplifier turns on when an audio signal is detected. The unit enters standby mode if no signal is detected after 15 minutes.

### Power State

Deep vs. Light Sleep – Deep sleep is required only to meet EU standards for low power consumption when the amplifier is not operational. It is not enabled out of the box.

## VOLUME CALIBRATION

To calibrate source input gain and the inline volume control level:

1. Connect all speaker and audio source wiring, then connect power to the amplifier.
2. Set all volume controls to their maximum volume setting (if applicable).
3. Set each output level adjustment knob to 50% and set the input level for unused channels to minimum.
4. Power on the amplifier and input source, then play audio typical of what will be played in the area.
5. Set the source volume level to half. If the audio becomes distorted, turn the volume down until audio sounds clear.
6. Set the level adjustment for the area to a level where the volume is slightly above normal listening level. If the audio becomes distorted, experiment with changes to the source volume and the LEVEL adjustment knob until audio sounds clear.

### Calibration Setup Tips

Use the tips below to identify and correct calibration issues:



## COMMON DEVICE SETUPS AND STEPS FOR CALIBRATING VOLUME:

### Triad Audio Matrix to Analog Input:

- If you are using the Triad Matrix for volume control:
  - In the Hybrid amp, set the volume to 0 on both channels.
  - Turn on the zone and play music at 85-90% (volume is expected to be low because your amp volume is at 0).
  - In the Hybrid amp, raise the volume on both channels until you find a level that should be the max.
  - If you are maxed out on the output level, then turn the gain up on the Hybrid amp. Gain from 3 to 5 works well when used with a Triad Matrix, but this will vary by device.
- If you are using the Hybrid amp for volume control:
  - Set the Triad Matrix for 75-80% fixed output for the zone. Turn off loudness boost if it is on.
  - In the Control4 driver for the Hybrid amp, make sure you have Ch linking set up. This will allow Control4 to control CH1, and the Hybrid amp will link Ch2 and keep its ratio difference. For example, if Ch1 is set to +5 steps, it will always be 5 steps higher than Ch2.
  - Adjust the Hybrid amp while playing music to test the level offset between channels.
  - When the Hybrid amp is maxed out, adjust gain, as needed. Gain should not exceed 7.

## SPEAKER PRESETS

Amplifiers come with a preloaded bank of presets noted in the table below. This includes full system presets and DSP settings for any landscape speaker when used in combination with ES-LS-BSUB-12 or ES-LS-HSUB-10.

CHANNEL 2							
		LS-SAT-4 (70V)	LS-SAT-6 (70V)	LS-SAT-8 (70V)	LS-SAT-4 (8Ω)	LS-SAT-6 (8Ω)	LS-SAT-8 (8Ω)
CHANNEL 1	LS-SAT-4 (70V)	(2) LS4SATS					
	LS-SAT-6 (70V)		(3) LS6SATS				
	LS-SAT-8 (70V)			(4) LS8SATS			
	LS-SAT-4 (8Ω)				(17) LS4SAT_8		
	LS-SAT-6 (8Ω)					(18) LS6SAT_8	
	LS-SAT-8 (8Ω)						(19) LS8SAT_8
	LS-HSUB-10 (8Ω)	(5) ST4_HS10	(6) ST6_HS10	(7) ST8_HS10	(8) S4HS10_8	(9) S6HS10_8	(10) S8HS10_8
	LS-BSUB-12 (8Ω)	(11) ST4_SB12	(12) ST6_SB12	(13) ST8_SB12	(14) S4SB12_8	(15) S6SB12_8	(16) S8SB12_8

PRESETS ON UNIT OUT OF BOX			
Preset#	Preset Name	Output Voltage	Speaker Hookup
1	Default	8Ω	Flat
		8Ω	Flat
2	LS4SATS	70V	SAT 4
		70V	SAT 4
3	LS6SATS	70V	SAT 6
		70V	SAT 6
4	LS8 SATS	70V	SAT 8
		70V	SAT 8
5	ST4_HS10	8Ω	HARDSCAPE 10"
		70V	SAT 4
6	ST6_HS10	8Ω	HARDSCAPE 10"
		70V	SAT 6

PRESETS ON UNIT OUT OF BOX			
Preset#	Preset Name	Output Voltage	Speaker Hookup
7	ST8_HS10	8Ω	HARDSCAPE 10"
		70V	SAT 8
8	S4HS10_8	8Ω	HARDSCAPE 10"
		8Ω	SAT 4
9	S6HS10_8	8Ω	HARDSCAPE 10"
		8Ω	SAT 6
10	S8HS10_8	8Ω	HARDSCAPE 10"
		8Ω	SAT 8
11	ST4_SB12	8Ω	BURIAL 12"
		70V	SAT 4
12	ST6_SB12	8Ω	BURIAL 12"
		70V	SAT 6
13	ST8_SB12	8Ω	BURIAL 12"
		70V	SAT 8
14	S4SB12_8	8Ω	BURIAL 12"
		8Ω	SAT 4
15	S6SB12_8	8Ω	BURIAL 12"
		8Ω	SAT 6
16	S8SB12_8	8Ω	BURIAL 12"
		8Ω	SAT 8
17	LS4SAT_8	8Ω	SAT 4
		8Ω	SAT 4
18	LS6SAT_8	8Ω	SAT 6
		8Ω	SAT 6
19	LS8SAT_8	8Ω	SAT 8
		8Ω	SAT 8

### Using Presets with the Local Display

1. Press the **Menu** button on the front of the amplifier.
2. Turn the **Adjust/Set** knob until you see **Menu Preset**, then press the knob.
3. Turn the **Adjust/Set** knob until you see the desired preset on the display panel, then press the knob. The preset name will appear with **LOAD** underneath.
4. Press the **Adjust/Set** knob once more, and the amplifier loads the preset from its memory.

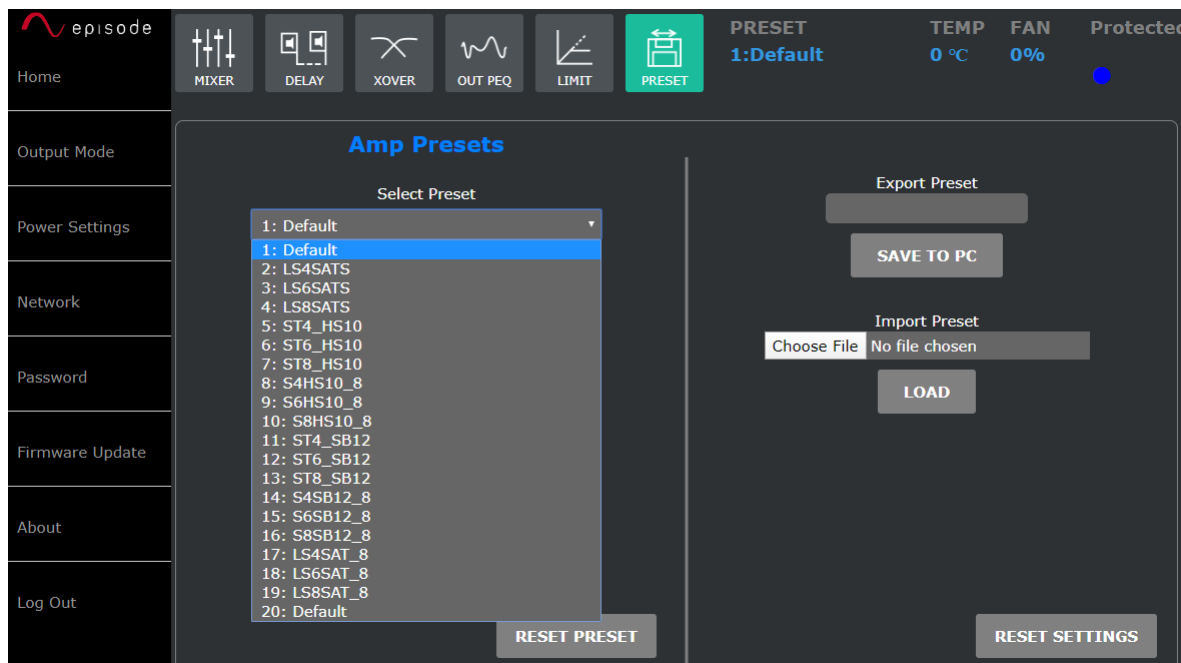
### Using Presets in the Web Interface

1. Click the **Preset** button at the top of the page.
2. Select the preset from the **Select Preset** drop-down list.
3. Click **Load Preset**.

### Loading Preset Files

1. Click **Import Preset** to load a preset file.
2. Refresh the page for the new presets to appear under the **Select Preset** drop-down list.

**NOTE:** Loading a preset file erases the current preset listings. Click **Reset Presets** to restore the amplifier’s default presets.



### Additional Preset Files

To mix different LS-SAT models between channel 1 and 2, see the preset configuration table below. The Preset Group B files can be found on the product’s Support tab.

CHANNEL 2							
		LS-SAT-4 (70V)	LS-SAT-6 (70V)	LS-SAT-8 (70V)	LS-SAT-4 (8Ω)	LS-SAT-6 (8Ω)	LS-SAT-8 (8Ω)
CHANNEL 1	LS-SAT-4 (70V)	(2) LS MIX4_6					
	LS-SAT-6 (70V)		(3) LS MIX4_8				
	LS-SAT-8 (70V)			(4) LS MIX6_8			
	LS-SAT-4 (8Ω)						
	LS-SAT-6 (8Ω)						
	LS-SAT-8 (8Ω)						
	LS-BSUB-12 (8Ω)						
	LS-BSUB-10 (8Ω)						

PRESET GROUP B				
Preset#	Preset Name	Channel	Voltage	Speaker Hookup
1	Default	1	8Ω	Flat
		2	8Ω	Flat
2	LS MIX4_6	1	70V	SAT 4
		2	70V	SAT 6
3	LS MIX4_8	1	70V	SAT 4
		2	70V	SAT 8
4	LS MIX6_8	1	70V	SAT 6
		2	70V	SAT 8

To use any landscape speaker and ES-LS-BSUB-8 or ES-LS-BSUB-10, see the configuration table below. The Preset Group C file can be found on the product's Support tab.

CHANNEL 2							
		LS-SAT-4 (70V)	LS-SAT-6 (70V)	LS-SAT-8 (70V)	LS-SAT-4 (8Ω)	LS-SAT-6 (8Ω)	LS-SAT-8 (8Ω)
CHANNEL 1	LS-SAT-4 (70V)	(2) LS4SATS					
	LS-SAT-6 (70V)		(3) LS6SATS				
	LS-SAT-8 (70V)			(4) LS8SATS			
	LS-SAT-4 (8Ω)				(17) LS4SAT_8		
	LS-SAT-6 (8Ω)					(18) LS6SAT_8	
	LS-SAT-8 (8Ω)						(19) LS8SAT_8
	LS-BSUB-8 (8Ω)	(5) ST4_SB8	(6) ST6_SB8	(7) ST8_SB8	(8) S4SB8_8	(9) S6SB8_8	(10) S8SB8_8
	LS-BSUB-10 (8Ω)	(11) ST4_SB10	(12) ST6_SB10	(13) ST8_SB10	(14) S4SB10_8	(15) S6SB10_8	(16) S8SB10_8

PRESET GROUP C				
Preset#	Preset Name	Channel	Output Voltage	Speaker Hookup
1	Default	1	8Ω	Flat
		2	8Ω	Flat
2	LS4SATS	1	70V	SAT 4
		2	70V	SAT 4
3	LS6SATS	1	70V	SAT 6
		2	70V	SAT 6
4	LS8 SATS	1	70V	SAT 8
		2	70V	SAT 8
5	ST4_SB8	1	8Ω	BURIAL 8"
		2	70V	SAT 4
6	ST6_SB8	1	8Ω	BURIAL 8"
		2	70V	SAT 6
7	ST8_SB8	1	8Ω	BURIAL 8"
		2	70V	SAT 8
8	S4SB8_8	1	8Ω	BURIAL 8"
		2	8Ω	SAT 4
9	S6SB8_8	1	8Ω	BURIAL 8"
		2	8Ω	SAT 6
10	S8SB8_8	1	8Ω	BURIAL 8"
		2	8Ω	SAT 8
11	ST4_SB10	1	8Ω	BURIAL 10"
		2	70V	SAT 4



PRESET GROUP C				
Preset#	Preset Name	Channel	Output Voltage	Speaker Hookup
12	ST6_SB10	1	8Ω	BURIAL 10"
		2	70V	SAT 6
13	ST8_SB10	1	8Ω	BURIAL 10"
		2	70V	SAT 8
14	S4SB10_8	1	8Ω	BURIAL 10"
		2	8Ω	SAT 4
15	S6SB10_8	1	8Ω	BURIAL 10"
		2	8Ω	SAT 6
16	S8SB10_8	1	8Ω	BURIAL 10"
		2	8Ω	SAT 8
17	LS4SAT_8	1	8Ω	SAT 4
		2	8Ω	SAT 4
18	LS6SAT_8	1	8Ω	SAT 6
		2	8Ω	SAT 6
19	LS8SAT_8	1	8Ω	SAT 8
		2	8Ω	SAT 8

## TROUBLESHOOTING

Scenario	Indicator	Possible Causes/ Check Points	Resolution
Going into Protection	Red Protect LED Blinking	High Temperature.	Self-heals: Allow unit to cool down to restore normal conditions.
		High Current (exceed rated power) causes 'speaker protect limiter' to activate, which reduces power.	Self-heals: Reduce input music level to release internal limiter.
		Firmware is updating (2 Channel blinking)	N/A - Allow update to finish.
	Red Protect LED Solid	Speaker Terminal Short (Channel 2 will light up if either terminal detects a short).	Ensure speaker terminal is fully connected. Remove speaker terminal, if red light is still solid - investigate further.
		Failure to jump to partition after firmware update.	Contact Tech Support for firmware recovery.
No output	Level Meter (LEDs, WebUI)	If Level Meter (Green LED) illuminates, then source audio is being sent to the amp.	Ensure speaker output is configured correctly. (Speaker out).
		If the Level Meter in the Web UI is responsive, then source audio is being sent to amp.	If Level Meter shows audio response but still no audio, ensure source inputs are configured correctly.

**Distorted Audio at Normal Volume**

If the LEVEL adjustment for a zone is set too high to compensate for low source volume, distortion can occur in the form of background noise or poor audio quality. This will be heard as a steady hissing or humming behind music, clipping of signal, or distortion of highs and lows.

To eliminate this issue, re-adjust the volume levels by starting at baseline settings and re-adjusting the final volume so that a maximum comfortable volume level can be reached with no distortion, while using the source volume or inline control.

**Inline Volume "Thump"**

If you hear a "thumping" sound, the amplifier and source volume levels are set too high. Inline volume controls should be calibrated so that they are one or two adjustment levels away from their maximum setting when audio is at the normal listening level. This will leave one to three settings above normal level for use if a little extra volume is needed.





## SPECIFICATIONS

EA-AMP-HYB-2D-1000	
Channels	2-channel
Power Output	300W per channel @ 8 ohm (1000W bridged)
	500W per channel @ 4 ohm (2000W bridged)
	700W per channel @ 2 ohm
	500W per channel @ 70V
	500W per channel @100V (230V AC only)
Input Sensitivity	1.4 Vrms, max power
Input Impedance	RCA analog input: 10kΩ
	Balanced analog input: 20k Ω
Signal-to-Noise Ratio	101 dB A-weighted @ 1.4 Vrms & 4Vrms input max
Total Harmonic Distortion (THD)	Less than 1%
Frequency Response	± 2d B at 1/8 power (20 Hz to 20 kHz)
Inputs	Network: RJ45 jack, 10/100 Mbps
Audio Inputs/Outputs	<b>Bal. Analog Audio:</b> 2 × 3-post Phoenix-style pluggable screw terminal block <b>Analog RCA:</b> White jack (L. ch), Red jack (R. ch) <b>Spkr. Output:</b> 2 × 3 post Phoenix-style pluggable screw terminal block (12-18 AWG)
12 Volt Trigger	3.5 mm mono jack
Dimensions (WxHxD)	431.8 mm (17") x 43.942 mm (1.73") x 355.6 mm (14")
Rack Spacing	1U
Input Voltage	115V AC / 230V AC
Weight	5.44 kg (12 lb)
Certification	Meets FCC Part 15, UL EN60065
AC Power Consumption	230W typical 1100W max

## LEGAL NOTICES AND WARRANTY

Find details of the product's Limited Warranty at [snapone.com/legal](https://snapone.com/legal) or request a paper copy from Customer Service at **866.424.4489**. Find other legal notices, such as regulatory, safety, and patent, at [snapav.com/legal](https://snapav.com/legal).

## CONTACTING TECHNICAL SUPPORT

For chat and telephone, visit [snp1.co/techsupport](https://snp1.co/techsupport) • Email: [TechSupport@SnapOne.com](mailto:TechSupport@SnapOne.com)

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