AURA Series

COMMERCIAL AMPLIFIERS

One Channel / Multichannel / LoZ HiZ Amplifiers

USER MANUAL

TABLE OF CONTENTS

1. PRECAUTIONS

1.1 Important Notice

WARNING: SHOCK HAZARD - DO NOT OPEN

AVIS: RISQUE DE CHOC ÉLECTRIQUE - NE PAS OUVRIR

The flashing light with an arrowhead symbol inside an equilateral triangle on it is intended to alert the user of the presence of non-insulated "dangerous voltage" within the enclosure, which might be of sufficient magnitude to pose a risk of electric shock to users.

The exclamation mark within an equilateral triangle is intended to alert the user of the requirement for important operating and maintenance (servicing), for which instructions may be found in the literature accompanying the appliance.

WARNING (If applicable): The terminals marked with symbol ⚠ may be of sufficient magnitude to pose a risk of electric shock. The external wiring connected to terminals requires installation by a technician, or the use of ready-made leads or cords.

WARNING: To prevent fire or shock hazard, do not expose this equipment to rain or humidity.

WARNING: A device with Class I manufacturing ought to be connected to a mains socket outlet with a protective earthing connection.

WARNING: Ecler products have a long lifetime of more than 10 years. This product must never be discarded as unsorted urban waste, but must be taken to the nearest electrical and electronic waste treatment centre.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

1.2 Key Safety Directions

1. Read the following directions.
2. Keep the following directions.
3. Observe all warnings.
4. Follow all instructions.
5. Do not use this device in proximity to water.
6. Clean only with a 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 devices (including amplifiers) that may release heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades, with one being 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, contact a qualified electrician for a replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at the plugs, convenience receptacles, and at the point of exit from the device.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug the device during lightning storms or when unused for long periods.
13. Refer all servicing to qualified personnel. Servicing is required when the device has been damaged in any way, such as power supply cord or plug damage, liquid spillage or objects onto the device, the device has been exposed to rain or humidity, does not operate normally, or has been dropped.
14. Disconnecting from mains: When switching off the POWER switch, all the functions and light indicators of the unit will be stopped, but fully disconnecting the device from mains is done by unplugging the power cable from the mains input socket, therefore, it should always remain easily accessible
15. Equipment is connected to a socket-outlet with an earthing connection by means of a power cord.
16. The marking information is located at the top/rear of the unit.
17. The device shall not be exposed to dripping or splashing liquids, and no liquid-filled objects, such as a filled up glass, shall be placed on top of the device.

1.3 Cleaning Directions

Clean the unit with a soft, dry clean cloth or slightly wet with water and neutral liquid soap only, then dry it with a clean cloth. Be careful that water never gets into the unit through any hole. Never use alcohol, benzine, solvents or abrasive substances to clean this unit.

NEEC AUDIO BARCELONA, S.L. accepts no liability for any damage that may be caused to people, animal, or objects due to failure to comply with the warnings above.

2. WARRANTY & ENVIRONMENT

Thank you for choosing Ecler AURA Series!
We greatly value your trust.

It is **VERY IMPORTANT** to carefully read this manual and to fully understand its contents before any connecting takes place in order to make the best use of this equipment, as well as to get the best performance from it.

To ensure optimal operation of this device, **we strongly recommend that its maintenance be carried out by our authorised Technical Services.**

All ECLER products are covered by warranty, please refer to www.ecler.com or the warranty card included with this product for the period of validity and conditions.

Ecler is truly committed with the environment and planet sustainability, energy saving and CO_2 emission reduction. Recycling materials and using non-contaminant components are also top priorities in our green crusade.

Ecler has deeply evaluated and analyzed the environmental impacts of all the processes involved in the production of this product, including packaging, and has alleviated, reduced and/or compensated for them.

3. PACKAGE CONTENTS

3.1 AURA-1B300

- 1 x AURA-1B300 unit.
- 1 x EU power cord + 1 x IEC power cord + UK, US & CN plug adapters.
- 2 x Euroblock connectors (1 blue for inputs and 1 green for outputs).
- 4 x Desktop feet,
- 1 x Rack 19" installation hardware.
- 1 x First Steps Guide.
- 1 x Warranty card.

3.2 AURA-2B150, AURA-2B300, AURA-2B600, AURA-2B900, AURA-2B1800

- 1 x AURA-2B Series unit.
- 1 x EU power cord + 1 x IEC power cord + UK, US & CN plug adapters.
- 3 x Euroblock connectors (2 blue for inputs and 1 green for outputs).
- 1 x Euroblock jumper.
- 4 x Desktop feet.
- 1 x Rack 19" installation hardware.
- 1 x First Steps Guide.
- 1 x Warranty card.

3.3 AURA-4B150, AURA-4B300, AURA-4B600, AURA-4B900

- 1 x AURA-4B Series unit.
- 1 x EU power cord + 1 x IEC power cord + UK, US & CN plug adapters.
- 6 x Euroblock connectors (4 blue for inputs and 2 green for outputs).
- 2 x Euroblock jumper.
- 4 x Desktop feet.
- 1 x Rack 19" installation hardware.
- 1 x First Steps Guide.
- 1 x Warranty card.

3.4 AURA-8B150, AURA-8B300

- 1 x AURA-8B Series unit.
- 1 x EU power cord + 1 x IEC power cord + UK, US & CN plug adapters.
- 12 x Euroblock connectors (8 blue for inputs and 4 green for outputs).
- 4 x Euroblock jumper.
- 4 x Desktop feet.
- 1 x Rack 19" installation hardware.
- 1 x First Steps Guide.
- 1 x Warranty card.

4. DESCRIPTION & FEATURES

AURA Series redefines versatility in professional analogue amplification. Designed to meet any installation requirement, this family offers a wide range of configurations that combine flexibility and power. With models ranging from 1 to 8 channels and power outputs from 150 W to 1800 W RMS per channel (@ 4 Ω), the AURA Series enables the ideal combination of inputs and performance to be selected for the specific needs of each project.

Built for maximum robustness and long-term reliability, the AURA Series incorporates a specially designed power supply circuit for optimized energy consumption, together with a fan cooling system.

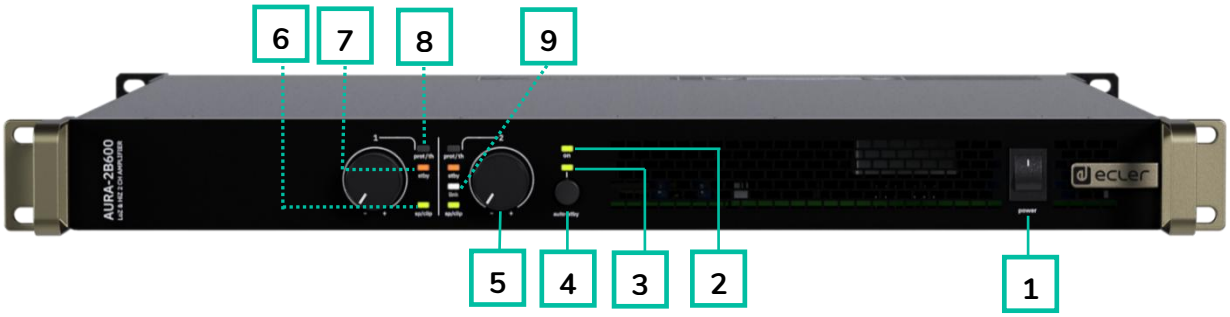
The AURA Series also offers the option to link channels to the first input via the rear panel, and includes Auto Standby, overload and thermal protection, PFC, and an anti-clipping system. In addition, the front-panel volume controls can be locked using rear-panel switches for enhanced security.

4.1 Main Features

- Low (2, 4 and 8Ω) and high impedance (70/100V) compatibility via rear panel switch.
- Support dual or bridge mode at 4/8Ω (except for the AURA-1B300).
- Euroblock input and output connectors.
- Euroblock connectors with anti-pulling locking system.
- Link to input 1 available.
- The front panel volume control knobs can be locked using the rear panel switches for added security.
- High efficiency (Class D).
- Auto Standby function.
- Fan cooling.
- Thermal protection.
- Overload protection.
- Anti-clip system.

5. PANEL FUNCTIONS

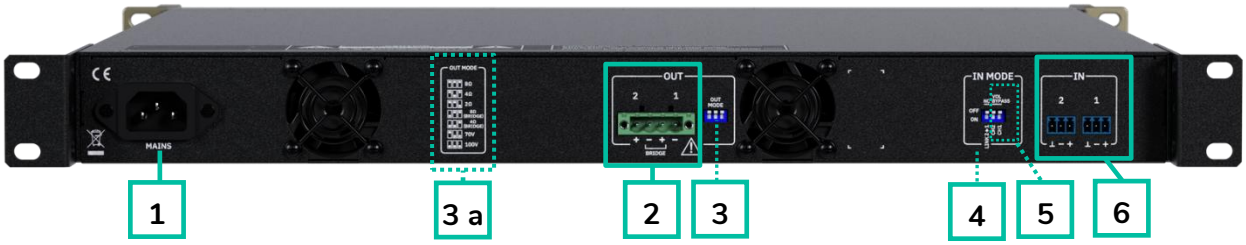
5.1 Front Panel



1. **Power Switch:** Press the switch to ON to power on the device.
2. **ON LED:** lights up in green when the unit is powered ON.
3. **Auto Standby indicator LED:** lights up in green when the Auto Standby function is enabled.
4. **Auto Standby button:** enables / disables the Auto Standby function (low power consumption mode, managed by channels).
5. **Control knobs (1-8 depending on the model):** each front panel LEVEL knob controls the volume of the corresponding amplified audio output.

   The **front panel knobs can be disabled** by means of the **VOL Bypass switches on the rear panel. For further details,** see Rear Panel section.
6. **Signal and Clip indicator LED (per channel)**: lights up in green when a signal above -40dBV is detected at the input. Lights up in red when the input or output signal exceeds 0.5dB.
7. **Protect /Thermal. indicator LED (per channel)**: lights up in red:
   - General protection circuit of the channel, fixed.
   - If temperature ≥ 75°, blinking at 1s ON and 3s OFF.
   - If temperature ≥ 79°, blinking at 500ms ON and 500ms OFF.
   - If temperature ≥ 83°, blinking at 100ms ON and 100ms OFF.
   - If temperature ≥ 125 °C (257 °F) equipment goes into protection mode.
8. **Standby indicator LED (per channel):** lights up in orange when any channel enters Standby mode (low power consumption mode).
9. **Link indicator LED (per channel):** lights up white when the Link function is activated, indicating that the channel receives its input audio signal from IN1 on the rear panel (the same signal as CH1) instead of from its corresponding input INX, where X is the channel index.

5.2 Rear Panel



1. **Mains socket.**
2. **Amplified outputs**, OUT 1-2 to OUT 1-8 (depending on the model). Output Euroblock connectors are 4-pin on multi-channel models and 2-pin on single-channel models.
3. **Out Mode switches** for OUT 1/2 to OUT 7/8, depending on the model.
   - **3.a** Follow the silkscreen guideline for switch selection.
4. **Link switches** for INX to IN1 (X=2 to 8 depending on the model).
5. **VOL Bypass switches** to enable or disable the front panel control knobs.
6. **Analogue inputs,** IN1-2, 1-4 or 1-8 (depending on the model), 3-pin Euroblock, balanced.

6. INSTALL & CONNECT

The **equipment must be correctly grounded** (ground resistance, Rg = 30 Ohm or less). The environment must be dry and dustless. Do not expose the unit to rain or water splashes, and do not place liquid containers or incandescent objects like candles on top of the unit.

Do not obstruct the ventilation grilles with any kind of material. If the device requires any intervention and/or connection/disconnection, it must be first powered off.

Do not handle the speaker output terminals with your device turned on, there are high voltages. The output cabling should be connected by a qualified technician. Otherwise only use pre-made flexible cables. There are no user serviceable parts inside the amplifier.

⚠ **Non-compliance with the instructions or neglecting warnings may cause malfunction or even damage the unit**.

- **Avoid turning on the device without the speakers connected to its outputs** and without having previously set the volume/gain controls to minimum level.
- **Always use shielded cables** to make connections between devices.
- **In an amplifier, avoid placing the speaker output cables close to other signal cables** (micro, line...). This may cause the system to oscillate, damaging the amplifier and speakers.

6.1 Location, Assembly and Ventilation

AURA Series devices have a **19" rack format (1RU).**

It is very important not to enclose the amplifier or expose it to extreme temperatures as it generates heat.

It is also necessary to encourage the airflow through the ventilation holes of the chassis.

⚠ **If multiple products are installed in the same rack or in a cabinet with closed doors, it is highly recommended to install fans in their upper and lower ends** for a forced airflow from the bottom up. This upward air flow will help to dissipate the heat generated inside.

⚠ **Regular maintenance of dust removal is highly recommended** as dust can impede airflow and hinder heat dissipation.

6.2 Mains Connection

AURA operates on alternating voltages from 100-240 V @ 50-60Hz (±10%). This device is equipped with an oversized power supply capable of adapting **without any type of adjustment to the mains voltage of any country in the world.**

On the **front panel**, there is an **on/off switch** for the unit.

The ON Led on the front panel lights up when the unit is switched on.

To enable/disable the Auto Standby mode, press the Auto Standby button on the front panel. The Auto Standby LED will light in green accordingly.

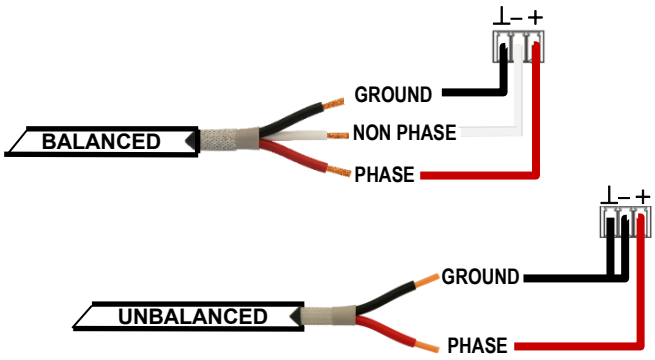
Do not allow the mains cable to run parallel to the shielded cables carrying the audio signal, as this may cause humming.

6.3 Analogue Input Connections

The AURA **rear panel provides analogue, balanced, line level signal inputs. The selection of hardware inputs and their routing to the unit's amplified channels are determined by the physical connections and the LINK switch.**

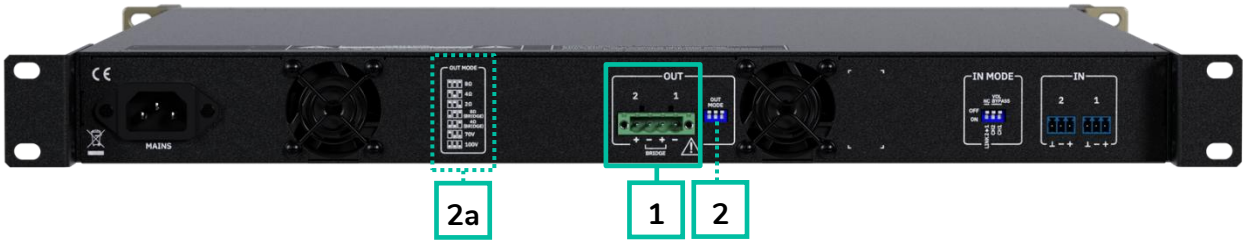
Signal input connectors are 3 position screw terminal blocks. The wiring is as follows:

Live or direct signal	→	Pin	+
Cold or inverted signal	→	Pin	-
Ground	→	Pin	⊥

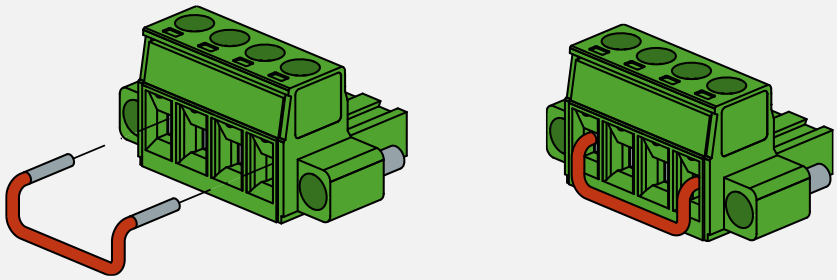


⚠ For **unbalanced connection** short-circuit pin ⊥ to pin – as reported on the picture.

6.4 Amplified Output Connections

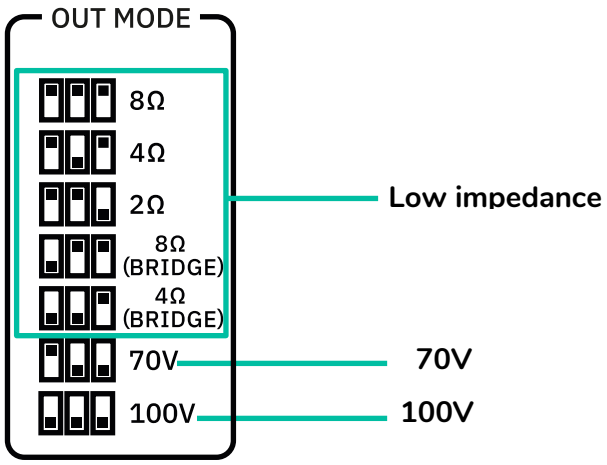


1. The rear panel is fitted with a **2-pin Euroblock output connector on single-channel models, and with 4-pin Euroblock output connectors for each channel pair on multi-channel models.**

> ⚠ **Before operating a multi-channel model in 4/8 Ω Bridge Mode, insert the supplied Euroblock jumper as shown in the diagram below.**
>
> 

2. **The output mode is selected for each channel pair using the Out Mode switch**, as specified on silkscreen 2a. **Available modes are 2Ω, 4Ω, 8Ω, 100V, and 70V; 4/8Ω Bridge Mode is available only on multi-channel models.**

2.a Switch Position:



> ⚠ **Always respect the relative polarity for outputs** (+ and - on each output connector), wiring and speakers.

6.4.1 Out Configurations

Select the appropriate operation mode to avoid damaging the loudspeakers.

⚠ **Never connect loads below 2 ohms**.

⚠ **Make sure to match the impedance of the total load connected to the loudspeakers,** when working in low impedance for a correct performance.

⚠ **The cable connecting the amplifier outputs to the loudspeakers must be of good quality, sufficient section and as short as possible**. This is most important when the distances to cover are long ones i.e., up to 10 meters it is recommended to use a section not inferior to 2.5mm^2 and for superior distances 4mm^2.

7. START-UP & OPERATION

7.1 Start-up

When the **front panel Power switch is ON,** the amplifier is powered, and **it will automatically switch on.**

When the ON LED of the front panel is lit in green, the device is operational.

In a complete audio installation, **it is important to start up the equipment in the following sequence**:

1. sound sources
2. mixer
3. equalizers
4. active filters
5. processors
6. power amplifiers.

To turn them off the sequence should follow an inverse pattern.

8. TECHNICAL DATA

8.1 Technical Specifications

8.1.1 AURA-1B300

AURA-1B300	
CHANNELS	
Number of Outputs channels	1
Output connection type	2-pin Euroblock. Pitch: 5,08 mm
Output configuration	2Ω, 4Ω, 8Ω, 100V and 70V
Number of Inputs channels	1
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
OUTPUT POWER	Single channel driven @1kHz @CF9dB @ 1%THD
Max output power @ 8Ω	300 W
Max output power @ 4Ω	300 W
Max output power @ 2Ω	300 W
Max output power @ 100V	300 W
Max output power @ 70V	300 W
SIGNAL	
Voltage gain	34 dB
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+20,8dBV
	23 dBu
Frequency response	15Hz - 30kHz (-3dB, 1W any load)
THD + Noise	<0,1% (@1kHz, from 0,1W to Full Power)
SNR	100dBA
Crosstalk	>70dB (@1kHz)
CMRR	>55 (from 20Hz to 20kHz)
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,93
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	134,0 W
	198 VA
Current Draw	0,9 Arms
Thermal Loss	50,7 kcal/h
	201,4 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	79,4 W
	142.0 VA
Current Draw	0,65 Arms
Thermal Loss	36,0 kcal/h
	143,0 BTU/h

IDLE (all channels driven)	
Power	26,0 W
	85.0 VA
Current Draw	0,4 Arms
Thermal Loss	22,4 kcal/h
	88,7 BTU/h
SLEEP MODE (all channels driven)	
Power	2,7 W
	58,0 VA
Current Draw	0,26 Arms
Thermal Loss	2,3 kcal/h
	9,2 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	587,5 W
	603 VA
Current Draw	5,33 Arms
Thermal Loss	118,3 kcal/h
	469,3 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	335,9 W
	438 VA
Current Draw	3,05 Arms
Thermal Loss	95,4 kcal/h
	378,5 BTU/h
IDLE (all channels driven)	
Power	60,3 W
	79 VA
Current Draw	0,68 Arms
Thermal Loss	51,8 kcal/h
	205,6 BTU/h
SLEEP MODE (all channels driven)	
Power	1,3 W
	23,9 VA
Current Draw	0,20 Arms
Thermal Loss	1,1 kcal/h
	4,4 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	56%
Cooling	2 fans
Maximum fan noise	57 dBA
PROTECTIONS	
AC protection	Yes
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes

LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels 2Ω/4Ω/8Ω/70V/100VLoZ/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
SETTINGS	
Attenuators	Front panel knobs per channel
Output settings	Lo-Z/Hi-Z/70V/100V output selection by pair of channels
Auto standby function	Front panel button
Auto standby threshold	-40dB
Auto standby time	90 seconds
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	TH/PROT LED (Red) per channel
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	STANDBY (Orange) per channel
Limit	TH/PROT LED (Red)
Thermal	TH/PROT LED (Red) per channel
On	ON LED (Green) per unit
Link	LINK (White)
PHYSICAL	
Operating temperature	-20º to 40º C -4º to 104º F
Operating humidity	10-90% RH, non-condensing
Storage temperature	-40º to 70º C -40º to 158º F
Storage humidity	10-95% RH, non-condensing
Installation options	Rack 19" installation & desktop
Included accesories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 2x Euroblock connectors (1x 3-pin blue for inputs and 1x 2-pin green for outputs).
Dimensions (WxHxD)	484 x 44 x 296.6 mm / 19 x 1.73 x 11.67 in.
Weight	3.86 kg / 8.50 lb
Shipping dimensions (WxHxD)	590 x 80 x 474 mm / 23.23 x 3.15 x 18.66 in.
Shipping weight	6.46 kg / 14.24 lb

8.1.2 AURA-2B150

AURA-2B150

CHANNELS	
Number of Outputs channels	2
Output connection type	4-pin Euroblock. Pitch: 5,08 mm
Output configuration	2Ω, 4Ω, 8Ω, 100V, 70V and 4/8Ω in Bridge Mode
Number of Inputs channels	2
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	150 W
Max output power @ 4Ω	150 W
Max output power @ 2Ω	150 W
Max output power @ 4Ω bridge mode	300 W
Max output power @ 8Ω bridge mode	300 W
Max output power @ 100V	150 W
Max output power @ 70V	150 W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	170 W
Max output power @ 4Ω	165 W
Max output power @ 2Ω	150 W
Max output power @ 4Ω bridge mode	300 W
Max output power @ 8Ω bridge mode	300 W
Max output power @ 100V	150 W
Max output power @ 70V	150 W
SIGNAL	
Voltage gain	34 dB
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+20,8dBV
	23 dBu
Frequency response	15Hz - 30kHz (-3dB, 1W any load)
THD + Noise	<0,1% (@1kHz, from 0,1W to Full Power)
SNR	93,2dBA
Crosstalk	>70dB (@1kHz)
CMRR	> 55 Typ (from 20Hz to 20kHz)
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,8
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	380 W
	430 VA
Current Draw	1,86 Arms
Thermal Loss	68,8 kcal/h
	273 BTU/h

1/8 POWER, @ 4Ω (all channels driven)	
Power	226,2 W
	278 VA
Current Draw	1,20 Arms
Thermal Loss	65,5 kcal/h
	260,1 BTU/h
IDLE (all channels driven)	
Power	62,4 W
	129 VA
Current Draw	0,56 Arms
Thermal Loss	53,7 kcal/h
	212,9 BTU/h
SLEEP MODE (all channels driven)	
Power	2,2 W
	82 VA
Current Draw	0,35 Arms
Thermal Loss	1,8 kcal/h
	7,3 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	380,6 W
	393 VA
Current Draw	3,45 Arms
Thermal Loss	69,3 kcal/h
	275,1 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	226,7 W
	239 VA
Current Draw	2,09 Arms
Thermal Loss	66,01 kcal/h
	261,8 BTU/h
IDLE (all channels driven)	
Power	62,8 W
	81 VA
Current Draw	0,70 Arms
Thermal Loss	54,01 kcal/h
	214,3 BTU/h
SLEEP MODE (all channels driven)	
Power	1,3 W
	24 VA
Current Draw	0,20 Arms
Thermal Loss	1,1 kcal/h
	4,4 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	47%
Cooling	2 fans
Maximum fan noise	57 dBA

PROTECTIONS	
AC protection	Yes
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels BRIDGE/2Ω/4Ω/8Ω/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
SETTINGS	
Attenuators	Front panel knobs per channel
Output settings	Lo-Z/Hi-Z/70V/100V/Bridge Mode output selection by pair of channels
Auto standby function	Front panel button
Auto standby threshold	-40dB
Auto standby time	90 seconds
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	TH/PROT LED (Red) per channel
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	STANDBY (Orange) per channel
Limit	TH/PROT LED (Red)
Thermal	TH/PROT LED (Red) per channel
On	ON LED (Green) per unit
Link	LINK (White)
PHYSICAL	
Operating temperature	-20º to 40º C -4º to 104º F
Operating humidity	10-90% RH, non-condensing
Storage temperature	-40º to 70º C -40º to 158º F
Storage humidity	10-95% RH, non-condensing
Installation options	Rack 19" installation & desktop
Included accesories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 3x Euroblock connectors (2x 3-pin blue for inputs and 1x 4-pin green for outputs), 1x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 296.6 mm / 19 x 1.73 x 11.67 in.
Weight	4.3 kg / 9.48 lb
Shipping dimensions (WxHxD)	590 x 80 x 474 mm / 23.23 x 3.15 x 18.66 in.
Shipping weight	6.9 kg / 15.2 lb

8.1.3 AURA-2B300

AURA-2B300

CHANNELS	
Number of Outputs channels	2
Output connection type	4-pin Euroblock. Pitch: 5,08 mm
Output configuration	2Ω, 4Ω, 8Ω, 100V, 70V and 4/8Ω in Bridge Mode
Number of Inputs channels	2
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	300 W
Max output power @ 4Ω	300 W
Max output power @ 2Ω	300 W
Max output power @ 4Ω bridge mode	600 W
Max output power @ 8Ω bridge mode	600 W
Max output power @ 100V	300 W
Max output power @ 70V	300 W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	300 W
Max output power @ 4Ω	300 W
Max output power @ 2Ω	300 W
Max output power @ 4Ω bridge mode	600 W
Max output power @ 8Ω bridge mode	600 W
Max output power @ 100V	300 W
Max output power @ 70V	300 W
SIGNAL	
Voltage gain	34 dB
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+20,8dBV
	23 dBu
Frequency response	15Hz - 30kHz (-3dB, 1W any load)
THD + Noise	<0,1% (@1kHz, from 0,1W to Full Power)
SNR	95 dBA
Crosstalk	>70dB (@1kHz)
CMRR	> 55 Typ (from 20Hz to 20kHz)
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,93
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	380 W
	430 VA
Current Draw	1,86 Arms
Thermal Loss	68,8 kcal/h
	273 BTU/h

1/8 POWER, @ 4Ω (all channels driven)	
Power	226,2 W
	278 VA
Current Draw	1,20 Arms
Thermal Loss	65,5 kcal/h
	260,1 BTU/h
IDLE (all channels driven)	
Power	62,4 W
	129 VA
Current Draw	0,56 Arms
Thermal Loss	53,7 kcal/h
	212,9 BTU/h
SLEEP MODE (all channels driven)	
Power	2,2 W
	82 VA
Current Draw	0,35 Arms
Thermal Loss	1,8 kcal/h
	7,3 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	380,6 W
	393 VA
Current Draw	3,45 Arms
Thermal Loss	69,3 kcal/h
	275,1 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	226,7 W
	239 VA
Current Draw	2,09 Arms
Thermal Loss	66,01 kcal/h
	261,8 BTU/h
IDLE (all channels driven)	
Power	62,8 W
	81 VA
Current Draw	0,70 Arms
Thermal Loss	54,01 kcal/h
	214,3 BTU/h
SLEEP MODE (all channels driven)	
Power	1,3 W
	24 VA
Current Draw	0,20 Arms
Thermal Loss	1,1 kcal/h
	4,4 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	58%
Cooling	2 fans
Maximum fan noise	57 dBA

PROTECTIONS	
AC protection	Yes
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels BRIDGE/2Ω/4Ω/8Ω/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
SETTINGS	
Attenuators	Front panel knobs per channel
Output settings	Lo-Z/Hi-Z/70V/100V/Bridge Mode output selection by pair of channels
Auto standby function	Front panel button
Auto standby threshold	-40dB
Auto standby time	90 seconds
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	TH/PROT LED (Red) per channel
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	STANDBY (Orange) per channel
Limit	TH/PROT LED (Red)
Thermal	TH/PROT LED (Red) per channel
On	ON LED (Green) per unit
Link	LINK (White)
PHYSICAL	
Operating temperature	-20º to 40º C -4º to 104º F
Operating humidity	10-90% RH, non-condensing
Storage temperature	-40º to 70º C -40º to 158º F
Storage humidity	10-95% RH, non-condensing
Installation options	Rack 19" installation & desktop
Included accessories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 3x Euroblock connectors (2x 3-pin blue for inputs and 1x 4-pin green for outputs), 1x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 296.6 mm / 19 x 1.73 x 11.67 in.
Weight	4,3 kg / 9,48 lb
Shipping dimensions (WxHxD)	590 x 80 x 474 mm / 23.23 x 3.15 x 18.66 in.
Shipping weight	6.9 kg / 15.2 lb

8.1.4 AURA-2B600

AURA-2B600

CHANNELS	
Number of Outputs channels	2
Output connection type	2-pin Euroblock. Pitch: 7,62 mm
Number of Inputs channels	2
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	300W
Max output power @ 4Ω	600W
Max output power @ 2Ω	800W
Max output power @ 4Ω bridge mode	1300W
Max output power @ 8Ω bridge mode	900W
Max output power @ 100V	600W
Max output power @ 70V	600W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	300W
Max output power @ 4Ω	600W
Max output power @ 2Ω	900W
Max output power @ 4Ω bridge mode	1300W
Max output power @ 8Ω bridge mode	900W
Max output power @ 100V	600W
Max output power @ 70V	600W
SIGNAL	
Voltage gain	34 dBΩ
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+18dBV
	20,21 dBu
Frequency response	15Hz - 30kHz
THD + Noise	<0,01%
SNR	100dBA
Crosstalk	>70dB
CMRR	> 55 Typ
Damping Factor	>150
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,92
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	380 W
	430 VA
Current Draw	1,86 Arms
Thermal Loss	68,8 kcal/h
	273 BTU/h

1/8 POWER, @ 4Ω (all channels driven)	
Power	226,2 W
	278 VA
Current Draw	1,20 Arms
Thermal Loss	65,5 kcal/h
	260,1 BTU/h
IDLE (all channels driven)	
Power	62,4 W
	129 VA
Current Draw	0,56 Arms
Thermal Loss	53,7 kcal/h
	212,9 BTU/h
SLEEP MODE (all channels driven)	
Power	2,2 W
	82 VA
Current Draw	0,35 Arms
Thermal Loss	1,8 kcal/h
	7,3 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	380,6 W
	393 VA
Current Draw	3,45 Arms
Thermal Loss	69,3 kcal/h
	275,1 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	226,7 W
	239 VA
Current Draw	2,09 Arms
Thermal Loss	66,01 kcal/h
	261,8 BTU/h
IDLE (all channels driven)	
Power	62,8 W
	81 VA
Current Draw	0,70 Arms
Thermal Loss	54,01 kcal/h
	214,3 BTU/h
SLEEP MODE (all channels driven)	
Power	1,3 W
	24 VA
Current Draw	0,20 Arms
Thermal Loss	1,1 kcal/h
	4,4 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	79%
Cooling	2 fans
Maximum fan noise	58 dBA

PROTECTIONS	
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels DUAL/BRIDGE LoZ/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	PROT LED (Red) by pairs of channels
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	AUTO STANDBY (Orange) by pairs of channels
Thermal	TH LED (Orange) by pairs of channels
On	ON LED (Green) per unit
Link	LINK LED (White) per channel
PHYSICAL	
Operating temperature	Min:-10º ; 14º C Max: 50º ; 122º F
Operating humidity	5 - 85% RH, non-condensing
Storage temperature	Min:-10º ; 14º C Max: 50º ; 122º F
Storage humidity	5 - 85% RH, non-condensing
Including accessories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 3x Euroblock connectors (2x 3-pin blue for inputs and 1x 4-pin green for outputs), 1x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 411.6 mm / 19 x 1,73 x 16.20 in.
Weight	6.7 kg / 14.77 lb
Shipping dimensions (WxHxD)	590 x 80 x 590 mm / 23.23 x 3.15 x 23.23 in.
Shipping weight	9.45 kg / 20.83 lb

8.1.5 AURA-2B900

AURA-2B900	
CHANNELS	
Number of Outputs channels	2
Output connection type	2-pin Euroblock. Pitch: 7,62 mm
Number of Inputs channels	2
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	450W
Max output power @ 4Ω	900W
Max output power @ 2Ω	1000W
Max output power @ 4Ω bridge mode	2000W
Max output power @ 8Ω bridge mode	1600W
Max output power @ 100V	900W
Max output power @ 70V	900W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	450W
Max output power @ 4Ω	900W
Max output power @ 2Ω	1200W
Max output power @ 4Ω bridge mode	2000W
Max output power @ 8Ω bridge mode	1600W
Max output power @ 100V	900W
Max output power @ 70V	900W
SIGNAL	
Voltage gain	34 dB
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+18dBV
	20,21 dBu
Frequency response	15Hz - 30kHz
THD + Noise	<0,01%
SNR	100dBA
Crosstalk	>70dB
CMRR	> 55 Typ
Damping Factor	>150
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,93
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	571,9 W
Current Draw	2,73 Arms
Thermal Loss	104,8 kcal/h
	416,01 BTU/h

1/8 POWER, @ 4Ω (all channels driven)	
Power	328,2 W
	378 VA
Current Draw	1,64 Arms
Thermal Loss	88,8 kcal/h
	352,2 BTU/h
IDLE (all channels driven)	
Power	59,6 W
	129 VA
Current Draw	0,56 Arms
Thermal Loss	51,3 kcal/h
	203,4 BTU/h
SLEEP MODE (all channels driven)	
Power	2,1 W
	79,8 VA
Current Draw	0,35 Arms
Thermal Loss	1,8 kcal/h
	7,2 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	587,5 W
	603 VA
Current Draw	5,33 Arms
Thermal Loss	118,3 kcal/h
	469,3 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	335,9 W
	438 VA
Current Draw	3,05 Arms
Thermal Loss	95,4 kcal/h
	378,5 BTU/h
IDLE (all channels driven)	
Power	60,3 W
	79 VA
Current Draw	0,68 Arms
Thermal Loss	51,8 kcal/h
	205,6 BTU/h
SLEEP MODE (all channels driven)	
Power	1,3 W
	23,9 VA
Current Draw	0,20 Arms
Thermal Loss	1,1 kcal/h
	4,4 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	77%
Cooling	2 fans
Maximum fan noise	57 dBA

PROTECTIONS	
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels DUAL/BRIDGE LoZ/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	PROT LED (Red) by pairs of channels
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	AUTO STANDBY (Orange) by pairs of channels
Thermal	TH LED (Orange) by pairs of channels
On	ON LED (Green) per unit
Link	LINK LED (White) per channel
PHYSICAL	
Operating temperature	Min:-10º ; 14º C Max: 50º ; 122º F
Operating humidity	5 - 85% RH, non-condensing
Storage temperature	Min:-10º ; 14º C Max: 50º ; 122º F
Storage humidity	5 - 85% RH, non-condensing
Including accessories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 3x Euroblock connectors (2x 3-pin blue for inputs and 1x 4-pin green for outputs), 1x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 411.6 mm / 19 x 1,73 x 16.20 in.
Weight	6.75 kg / 14.88 lb
Shipping dimensions (WxHxD)	590 x 80 x 590 mm / 23.23 x 3.15 x 23.23 in.
Shipping weight	9.5 kg / 20.94 lb

8.1.6 AURA-2B1800

AURA-2B1800

CHANNELS	
Number of Outputs channels	2
Output connection type	2-pin Euroblock. Pitch: 5,08 mm
Output configuration	2Ω, 4Ω, 8Ω, 100V, 70V and 4/8Ω in Bridge Mode
Number of Inputs channels	2
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	1000 W
Max output power @ 4Ω	1800 W
Max output power @ 2Ω	2400 W
Max output power @ 4Ω bridge mode	4600 W
Max output power @ 8Ω bridge mode	3400 W
Max output power @ 100V	1800 W
Max output power @ 70V	1800 W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	1000 W
Max output power @ 4Ω	1800 W
Max output power @ 2Ω	2400 W
Max output power @ 100V	1800 W
Max output power @ 70V	1800 W
SIGNAL	
Voltage gain	36 dB
Input sensitivity	0 dBV 2,21 dBu 1 Vrms
Input impedance	20kΩ balanced
Max input level	+20,4dBV 22,6 dBu
Frequency response	15Hz - 30kHz (-3dB, 1W any load)
THD + Noise	<0,1% (@1kHz, from 0,1W to Full Power)
SNR	106 dBA
Crosstalk	>80dB (@1kHz)
CMRR	> 55 Typ (from 20Hz to 20kHz)
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,95 (Output Power > 500W)
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	1086,5 W 1134,0 VA
Current Draw	5,16 Arms
Thermal Loss	160,4 kcal/h 636,5 BTU/h

1/8 POWER, @ 4Ω (all channels driven)	
Power	603,3W
	643 VA
Current Draw	2,92 Arms
Thermal Loss	131,8 kcal/h
	523,2 BTU/h
IDLE (all channels driven)	
Power	65,4 W
	136 VA
Current Draw	0,62 Arms
Thermal Loss	56,2 kcal/h
	223,2 BTU/h
SLEEP MODE (all channels driven)	
Power	2,8 W
	71,4 VA
Current Draw	0,32 Arms
Thermal Loss	2,4 kcal/h
	9,6 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	1123 W
	1139 VA
Current Draw	9,74 Arms
Thermal Loss	191,8 kcal/h
	761,1 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	613,5 W
	627 VA
Current Draw	5,3 Arms
Thermal Loss	140,6 kcal/h
	558,0 BTU/h
IDLE (all channels driven)	
Power	63,5 W
	89 VA
Current Draw	0,73 Arms
Thermal Loss	54,6 kcal/h
	216,7,6 BTU/h
SLEEP MODE (all channels driven)	
Power	1,3 W
	26 VA
Current Draw	0,22 Arms
Thermal Loss	1,1 kcal/h
	4,4 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	83% (1/4 POWER, @ 4Ω)
Cooling	2 fans
Maximum fan noise	57 dBA

PROTECTIONS	
AC protection	Yes
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels BRIDGE/2Ω/4Ω/8Ω/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
SETTINGS	
Attenuators	Front panel knobs per channel
Output settings	2Ω/4Ω/8Ω/70V/100V/Bridge Mode output selection by pair of channels
Auto standby function	Front panel button
Auto standby threshold	-40dB
Auto standby time	90 seconds
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	TH/PROT LED (Red) per channel
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	STANDBY (Orange) per channel
Limit	TH/PROT LED (Red)
Thermal	TH/PROT LED (Red) per channel
On	ON LED (Green) per unit
Link	LINK (White)
PHYSICAL	
Operating temperature	-20º to 40º C -4º to 104º F
Operating humidity	10-90% RH, non-condensing
Storage temperature	-40º to 70º C -40º to 158º F
Storage humidity	10-95% RH, non-condensing
Installation options	Rack 19" installation & desktop
Included accessories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 3x Euroblock connectors (2x 3-pin blue for inputs and 1x 4-pin green for outputs), 1x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 411.6 mm / 19 x 1,73 x 16.20 in.
Weight	7.55 kg / 16.64 lb
Shipping dimensions (WxHxD)	590 x 80 x 590 mm / 23.23 x 3.15 x 23.23 in.
Shipping weight	10.65 kg / 23.48 lb

8.1.7 AURA-4B150

AURA-4B150	
CHANNELS	
Number of Outputs channels	4
Output connection type	4-pin Euroblock. Pitch: 5,08 mm
Output configuration	2Ω, 4Ω, 8Ω, 100V, 70V and 4/8Ω in Bridge Mode
Number of Inputs channels	4
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	150 W
Max output power @ 4Ω	150 W
Max output power @ 2Ω	150 W
Max output power @ 4Ω bridge mode	300 W
Max output power @ 8Ω bridge mode	300 W
Max output power @ 100V	150 W
Max output power @ 70V	150 W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	150 W
Max output power @ 4Ω	150 W
Max output power @ 2Ω	150 W
Max output power @ 4Ω bridge mode	300 W
Max output power @ 8Ω bridge mode	300 W
Max output power @ 100V	150 W
Max output power @ 70V	150 W
SIGNAL	
Voltage gain	34 dB
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+18dBV
	20,21 dBu
Frequency response	15Hz - 30kHz (-3dB, 1W any load)
THD + Noise	<0,1% (@1kHz, from 0,1W to Full Power)
SNR	90,6 dBA
Crosstalk	>70dB (@1kHz)
CMRR	> 55 Typ (from 20Hz to 20kHz)
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,77
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	799,2 W
	859 VA
Current Draw	3,75 Arms
Thermal Loss	171,3 kcal/h
	679,9 BTU/h

1/8 POWER, @ 4Ω (all channels driven)	
Power	463,9 W
	516 VA
Current Draw	2,24 Arms
Thermal Loss	141,0 kcal/h
	559,4 BTU/h
IDLE (all channels driven)	
Power	60 W
	164,4 VA
Current Draw	0,70 Arms
Thermal Loss	51,6 kcal/h
	204,8 BTU/h
SLEEP MODE (all channels driven)	
Power	2,3 W
	81,4 VA
Current Draw	0,35 Arms
Thermal Loss	2,0 kcal/h
	7,8 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	828,5 W
	844 VA
Current Draw	7,50 Arms
Thermal Loss	196,5 kcal/h
	779,8 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	467,7 W
	489 VA
Current Draw	4,31 Arms
Thermal Loss	152,01 kcal/h
	603,1 BTU/h
IDLE (all channels driven)	
Power	99,4 W
	844 VA
Current Draw	1,02 Arms
Thermal Loss	85,5 kcal/h
	339,3 BTU/h
SLEEP MODE (all channels driven)	
Power	1,5 W
	23,9 VA
Current Draw	0,20 Arms
Thermal Loss	1,3 kcal/h
	5,01 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	50%
Cooling	2 fans
Maximum fan noise	57 dBA

PROTECTIONS	
AC protection	Yes
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels BRIDGE/2Ω/4Ω/8Ω/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
SETTINGS	
Attenuators	Front panel knobs per channel
Output settings	2Ω/4Ω/8Ω/70V/100V/Bridge Mode output selection by pair of channels
Auto standby function	Front panel button
Auto standby threshold	-40dB
Auto standby time	90 seconds
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	TH/PROT LED (Red) per channel
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	STANDBY (Orange) per channel
Limit	TH/PROT LED (Red)
Thermal	TH/PROT LED (Red) per channel
On	ON LED (Green) per unit
Link	LINK (White)
PHYSICAL	
Operating temperature	-20º to 40º C -4º to 104º F
Operating humidity	10-90% RH, non-condensing
Storage temperature	-40º to 70º C -40º to 158º F
Storage humidity	10-95% RH, non-condensing
Installation options	Rack 19" installation & desktop
Included accesories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 6x Euroblock connectors (4x 3-pin blue for inputs and 2x 4-pin green for outputs), 2x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 296.6 mm / 19 x 1.73 x 11.67 in.
Weight	5 kg / 11,02 lb
Shipping dimensions (WxHxD)	590 x 80 x 474 mm / 23.23 x 3.15 x 18.66 in.
Shipping weight	7.6 kg / 16.76 lb

8.1.8 AURA-4B300

AURA-4B300	
CHANNELS	
Number of Outputs channels	4
Output connection type	4-pin Euroblock. Pitch: 5,08 mm
Output configuration	2Ω, 4Ω, 8Ω, 100V, 70V and 4/8Ω in Bridge Mode
Number of Inputs channels	4
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	300 W
Max output power @ 4Ω	300 W
Max output power @ 2Ω	300 W
Max output power @ 4Ω bridge mode	600 W
Max output power @ 8Ω bridge mode	600 W
Max output power @ 100V	300 W
Max output power @ 70V	300 W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	300 W
Max output power @ 4Ω	300 W
Max output power @ 2Ω	300 W
Max output power @ 4Ω bridge mode	600 W
Max output power @ 8Ω bridge mode	600 W
Max output power @ 100V	300 W
Max output power @ 70V	300 W
SIGNAL	
Voltage gain	34 dB
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+18dBV
	20,21 dBu
Frequency response	15Hz - 30kHz (-3dB, 1W any load)
THD + Noise	<0,1% (@1kHz, from 0,1W to Full Power)
SNR	91,9dBA
Crosstalk	>70dB (@1kHz)
CMRR	>70 (from 20Hz to 20kHz)
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,92
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	799,2 W
	859 VA
Current Draw	3,75 Arms
Thermal Loss	171,3 kcal/h
	679,9 BTU/h

1/8 POWER, @ 4Ω (all channels driven)	
Power	463,9 W
	516 VA
Current Draw	2,24 Arms
Thermal Loss	141,0 kcal/h
	559,4 BTU/h
IDLE (all channels driven)	
Power	60 W
	164,4 VA
Current Draw	0,70 Arms
Thermal Loss	51,6 kcal/h
	204,8 BTU/h
SLEEP MODE (all channels driven)	
Power	2,3 W
	81,4 VA
Current Draw	0,35 Arms
Thermal Loss	2,0 kcal/h
	7,8 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	828,5 W
	844 VA
Current Draw	7,50 Arms
Thermal Loss	196,5 kcal/h
	779,8 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	467,7 W
	489 VA
Current Draw	4,31 Arms
Thermal Loss	152,01 kcal/h
	603,1 BTU/h
IDLE (all channels driven)	
Power	99,4 W
	844 VA
Current Draw	1,02 Arms
Thermal Loss	85,5 kcal/h
	339,3 BTU/h
SLEEP MODE (all channels driven)	
Power	1,5 W
	23,9 VA
Current Draw	0,20 Arms
Thermal Loss	1,3 kcal/h
	5,01 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	61%
Cooling	2 fans
Maximum fan noise	57 dBA

PROTECTIONS	
AC protection	Yes
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels BRIDGE/2Ω/4Ω/8Ω/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
SETTINGS	
Attenuators	Front panel knobs per channel
Output settings	2Ω/4Ω/8Ω/70V/100V/Bridge Mode output selection by pair of channels
Auto standby function	Front panel button
Auto standby threshold	-40dB
Auto standby time	90 seconds
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	TH/PROT LED (Red) per channel
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	STANDBY (Orange) per channel
Limit	TH/PROT LED (Red)
Thermal	TH/PROT LED (Red) per channel
On	ON LED (Green) per unit
Link	LINK (White)
PHYSICAL	
Operating temperature	-20º to 40º C -4º to 104º F
Operating humidity	10-90% RH, non-condensing
Storage temperature	-40º to 70º C -40º to 158º F
Storage humidity	10-95% RH, non-condensing
Installation options	Rack 19" installation & desktop
Included accesories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 6x Euroblock connectors (4x 3-pin blue for inputs and 2x 4-pin green for outputs), 2x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 296.6 mm / 19 x 1.73 x 11.67 in.
Weight	5 kg / 11,02 lb
Shipping dimensions (WxHxD)	590 x 80 x 474 mm / 23.23 x 3.15 x 18.66 in.
Shipping weight	7.6 kg / 16.76 lb

8.1.9 AURA-4B600

AURA-4B600

CHANNELS	
Number of Outputs channels	4
Output connection type	2-pin Euroblock. Pitch: 7,62 mm
Number of Inputs channels	4
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	300W
Max output power @ 4Ω	600W
Max output power @ 2Ω	800W
Max output power @ 4Ω bridge mode	1300W
Max output power @ 8Ω bridge mode	900W
Max output power @ 100V	600W
Max output power @ 70V	600W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	300W
Max output power @ 4Ω	600W
Max output power @ 2Ω	900W
Max output power @ 4Ω bridge mode	1300W
Max output power @ 8Ω bridge mode	900W
Max output power @ 100V	600W
Max output power @ 70V	600W
SIGNAL	
Voltage gain	34 dB
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+18dBV
	20,21 dBu
Frequency response	15Hz - 30kHz
THD + Noise	<0,01%
SNR	100dBA
Crosstalk	>70dB
CMRR	> 55 Typ
Damping Factor	>150
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,95
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	799,2 W
	859 VA
Current Draw	3,75 Arms
Thermal Loss	171,3 kcal/h
	679,9 BTU/h

1/8 POWER, @ 4Ω (all channels driven)	
Power	463,9 W
	516 VA
Current Draw	2,24 Arms
Thermal Loss	141,0 kcal/h
	559,4 BTU/h
IDLE (all channels driven)	
Power	60 W
	164,4 VA
Current Draw	0,70 Arms
Thermal Loss	51,6 kcal/h
	204,8 BTU/h
SLEEP MODE (all channels driven)	
Power	2,3 W
	81,4 VA
Current Draw	0,35 Arms
Thermal Loss	2,0 kcal/h
	7,8 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	828,5 W
	844 VA
Current Draw	7,50 Arms
Thermal Loss	196,5 kcal/h
	779,8 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	467,7 W
	489 VA
Current Draw	4,31 Arms
Thermal Loss	152,01 kcal/h
	603,1 BTU/h
IDLE (all channels driven)	
Power	99,4 W
	844 VA
Current Draw	1,02 Arms
Thermal Loss	85,5 kcal/h
	339,3 BTU/h
SLEEP MODE (all channels driven)	
Power	1,5 W
	23,9 VA
Current Draw	0,20 Arms
Thermal Loss	1,3 kcal/h
	5,01 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	72%
Cooling	2 fans
Maximum fan noise	57 dBA

PROTECTIONS	
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels DUAL/BRIDGE LoZ/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	PROT LED (Red) by pairs of channels
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	AUTO STANDBY (Orange) by pairs of channels
Thermal	TH LED (Orange) by pairs of channels
On	ON LED (Green) per unit
Link	LINK LED (White) per channel
PHYSICAL	
Operating temperature	Min:-10º ; 14º C Max: 50º ; 122º F
Operating humidity	5 - 85% RH, non-condensing
Storage temperature	Min:-10º ; 14º C Max: 50º ; 122º F
Storage humidity	5 - 85% RH, non-condensing
Including accessories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 6x Euroblock connectors (4x 3-pin blue for inputs and 2x 4-pin green for outputs), 2x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 411.6 mm / 19 x 1,73 x 16.20 in.
Weight	7.7 kg / 16.98 lb
Shipping dimensions (WxHxD)	590 x 80 x 590 mm / 23.23 x 3.15 x 23.23 in.
Shipping weight	10.5 kg / 23.15 lb

8.1.10 AURA-4B900

AURA-4B900

CHANNELS	
Number of Outputs channels	4
Output connection type	2-pin Euroblock. Pitch: 7,62 mm
Number of Inputs channels	4
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	450W
Max output power @ 4Ω	900W
Max output power @ 2Ω	1000W
Max output power @ 4Ω bridge mode	2000W
Max output power @ 8Ω bridge mode	1600W
Max output power @ 100V	900W
Max output power @ 70V	900W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	450W
Max output power @ 4Ω	900W
Max output power @ 2Ω	1200W
Max output power @ 4Ω bridge mode	2000W
Max output power @ 8Ω bridge mode	1600W
Max output power @ 100V	900W
Max output power @ 70V	900W
SIGNAL	
Voltage gain	34 dB
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+18dBV
	20,21 dBu
Frequency response	15Hz - 30kHz
THD + Noise	<0,01%
SNR	100dBA
Crosstalk	>70dB
CMRR	> 55 Typ
Damping Factor	>150
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,95
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	1129 W
	1189 VA
Current Draw	5,37 Arms
Thermal Loss	196,9 kcal/h
	781,6 BTU/h

1/8 POWER, @ 4Ω (all channels driven)	
Power	637,6 W
	689 VA
Current Draw	3,05 Arms
Thermal Loss	161,3 kcal/h
	640,3 BTU/h
IDLE (all channels driven)	
Power	97,4 W
	161 VA
Current Draw	0,69 Arms
Thermal Loss	83,8 kcal/h
	332,4 BTU/h
SLEEP MODE (all channels driven)	
Power	2,3 W
	80,9 VA
Current Draw	0,35 Arms
Thermal Loss	2,01 kcal/h
	7,8 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	1114,01 W
	1129 VA
Current Draw	10.17 Arms
Thermal Loss	184,01kcal/h
	730,4 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	657,3 W
	671 VA
Current Draw	5,95 Arms
Thermal Loss	178,3 kcal/h
	707,5 BTU/h
IDLE (all channels driven)	
Power	100,7 W
	117 VA
Current Draw	1,03 Arms
Thermal Loss	86,6 kcal/h
	343,7 BTU/h
SLEEP MODE (all channels driven)	
Power	1,5 W
	24,01 VA
Current Draw	0,2 Arms
Thermal Loss	1,2 kcal/h
	4,9 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
	Transformer isolated output
Energy saving	Auto standby function selectable
Efficiency	80%
Cooling	2 fans
Maximum fan noise	57 dBA

PROTECTIONS	
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels DUAL/BRIDGE LoZ/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	PROT LED (Red) by pairs of channels
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	AUTO STANDBY (Orange) by pairs of channels
Thermal	TH LED (Orange) by pairs of channels
On	ON LED (Green) per unit
Link	LINK LED (White) per channel
PHYSICAL	
Operating temperature	Min:-10º ; 14º C Max: 50º ; 122º F
Operating humidity	5 - 85% RH, non-condensing
Storage temperature	Min:-10º ; 14º C Max: 50º ; 122º F
Storage humidity	5 - 85% RH, non-condensing
Including accessories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 6x Euroblock connectors (4x 3-pin blue for inputs and 2x 4-pin green for outputs), 2x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 411.6 mm / 19 x 1,73 x 16.20 in.
Weight	7.7 kg / 16.98 lb
Shipping dimensions (WxHxD)	590 x 80 x 590 mm / 23.23 x 3.15 x 23.23 in.
Shipping weight	10.5 kg / 23.15 lb

8.1.11 AURA-8B150

AURA-8B150

CHANNELS	
Number of Outputs channels	8
Output connection type	4-pin Euroblock. Pitch: 5,08 mm
Output configuration	2Ω, 4Ω, 8Ω, 100V, 70V and 4/8Ω in Bridge Mode
Number of Inputs channels	8
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	150 W
Max output power @ 4Ω	150 W
Max output power @ 2Ω	150 W
Max output power @ 4Ω bridge mode	300 W
Max output power @ 8Ω bridge mode	300 W
Max output power @ 100V	150 W
Max output power @ 70V	150 W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	150 W
Max output power @ 4Ω	150 W
Max output power @ 2Ω	150 W
Max output power @ 4Ω bridge mode	300 W
Max output power @ 8Ω bridge mode	300 W
Max output power @ 100V	150 W
Max output power @ 70V	150 W
SIGNAL	
Voltage gain	34 dB
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+18dBV
	20,21 dBu
Frequency response	15Hz - 30kHz (-3dB, 1W any load)
THD + Noise	<0,1% (@1kHz, from 0,1W to Full Power)
SNR	94 dBA
Crosstalk	>70dB (@1kHz)
CMRR	>70 (from 20Hz to 20kHz)
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,91
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	506 W
	582VA
Current Draw	2,53 Arms
Thermal Loss	177,2 kcal/h
	703,1 BTU/h

1/8 POWER, @ 4Ω (all channels driven)	
Power	300 W
	374 VA
Current Draw	1,62 Arms
Thermal Loss	129,0 kcal/h
	512,0 BTU/h
IDLE (all channels driven)	
Power	110 W
	250 VA
Current Draw	1,1 Arms
Thermal Loss	94,6 kcal/h
	375,4 BTU/h
SLEEP MODE (all channels driven)	
Power	62,7 VA
Current Draw	0,27 Arms
Thermal Loss	2,3 kcal/h
	9,2 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	828,5 W
	844 VA
Current Draw	7,50 Arms
Thermal Loss	196,5 kcal/h
	779,8 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	467,7 W
	489 VA
Current Draw	4,31 Arms
Thermal Loss	152,01 kcal/h
	603,1 BTU/h
IDLE (all channels driven)	
Power	99,4 W
	844 VA
Current Draw	1,02 Arms
Thermal Loss	85,5 kcal/h
	339,3 BTU/h
SLEEP MODE (all channels driven)	
Power	1,5 W
	23,9 VA
Current Draw	0,20 Arms
Thermal Loss	1,3 kcal/h
	5,01 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	59%
Cooling	2 fans
Maximum fan noise	57 dBA

PROTECTIONS	
AC protection	Yes
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels BRIDGE/2Ω/4Ω/8Ω/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
SETTINGS	
Attenuators	Front panel knobs per channel
Output settings	2Ω/4Ω/8Ω/70V/100V/Bridge Mode output selection by pair of channels
Auto standby function	Front panel button
Auto standby threshold	-40dB
Auto standby time	90 seconds
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	TH/PROT LED (Red) per channel
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	STANDBY (Orange) per channel
Limit	TH/PROT LED (Red)
Thermal	TH/PROT LED (Red) per channel
On	ON LED (Green) per unit
Link	LINK (White)
PHYSICAL	
Operating temperature	-20º to 40º C -4º to 104º F
Operating humidity	10-90% RH, non-condensing
Storage temperature	-40º to 70º C -40º to 158º F
Storage humidity	10-95% RH, non-condensing
Installation options	Rack 19" installation & desktop
Included accessories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 12x Euroblock connectors (8x 3-pin blue for inputs and 4x 4-pin green for outputs), 4x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 411.6 mm / 19 x 1,73 x 16.20 in.
Weight	7.5 kg / 16.53 lb
Shipping dimensions (WxHxD)	590 x 80 x 590 mm / 23.23 x 3.15 x 23.23 in.
Shipping weight	11.15 kg / 24.58 lb

8.1.12 AURA-8B300

AURA-8B300	
CHANNELS	
Number of Outputs channels	8
Output connection type	4-pin Euroblock. Pitch: 5,08 mm
Output configuration	2Ω, 4Ω, 8Ω, 100V, 70V and 4/8Ω in Bridge Mode
Number of Inputs channels	8
Input connection type	3-pin Euroblock, balanced, pitch 3,5 mm
Input configuration	Input link to CH1 selector per input
OUTPUT POWER All channels driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	300 W
Max output power @ 4Ω	300 W
Max output power @ 2Ω	300 W
Max output power @ 4Ω bridge mode	600 W
Max output power @ 8Ω bridge mode	600 W
Max output power @ 100V	300 W
Max output power @ 70V	300 W
OUTPUT POWER Single channel driven @1kHz @CF9dB @ 1%THD	
Max output power @ 8Ω	300 W
Max output power @ 4Ω	300 W
Max output power @ 2Ω	300 W
Max output power @ 4Ω bridge mode	600 W
Max output power @ 8Ω bridge mode	600 W
Max output power @ 100V	300 W
Max output power @ 70V	300 W
SIGNAL	
Voltage gain	34 dB
Input sensitivity	0 dBV
	2,21 dBu
	1 Vrms
Input impedance	20kΩ balanced
Max input level	+18dBV
	20,21 dBu
Frequency response	15Hz - 30kHz (-3dB, 1W any load)
THD + Noise	<0,1% (@1kHz, from 0,1W to Full Power)
SNR	100dBA
Crosstalk	>70dB (@1kHz)
CMRR	>70 (from 20Hz to 20kHz)
ELECTRICAL	
Power supply	Universal, regulated SMPS with PFC
AC mains requirement	100-240 V @ 50-60Hz (±10%)
Power factor correction	> 0,95
AC mains connector	IEC C14 inlet
POWER & HEAT @230VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	925 W
	998 VA
Current Draw	4,34 Arms
Thermal Loss	279,5 kcal/h
	1109,2 BTU/h

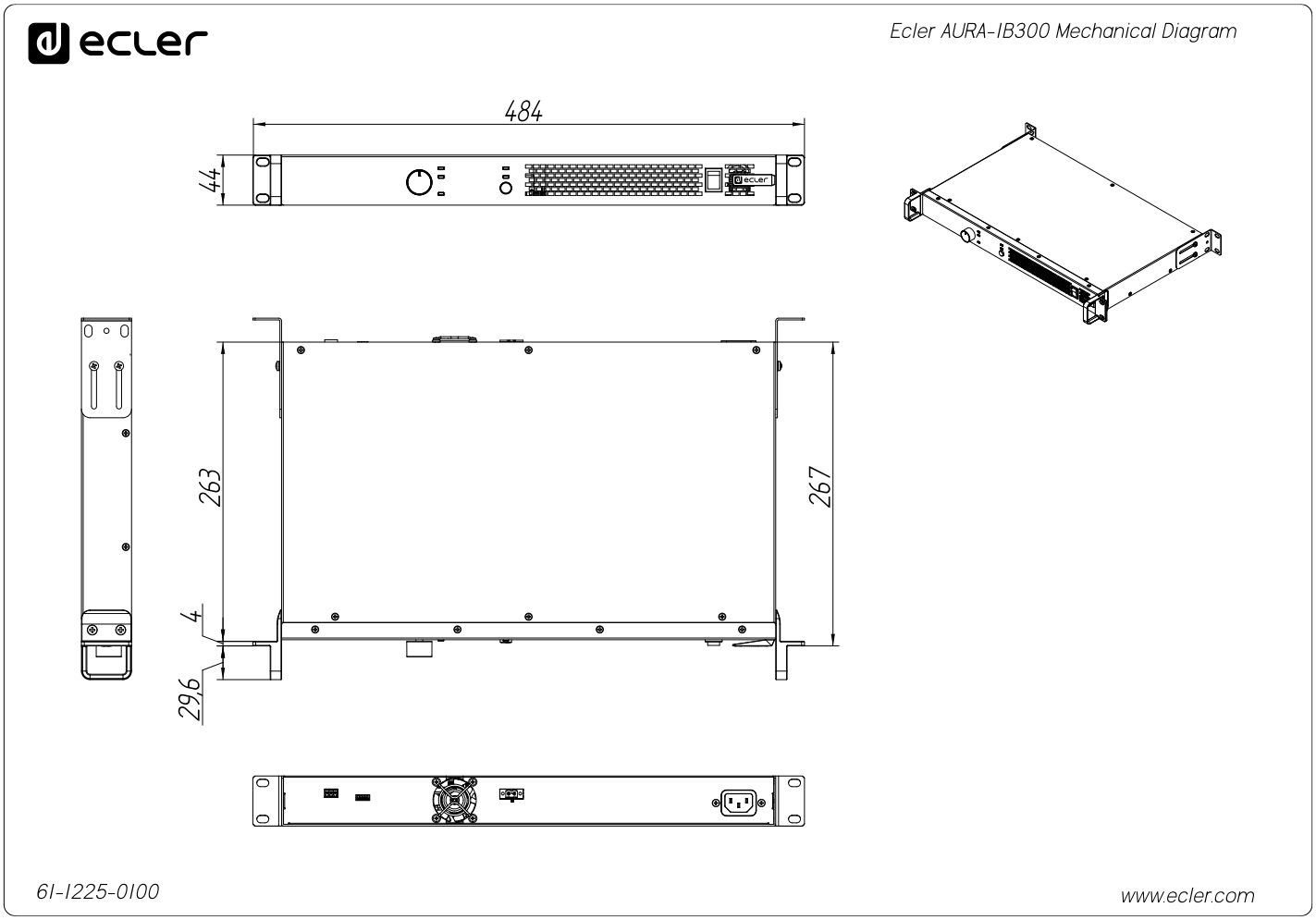
1/8 POWER, @ 4Ω (all channels driven)	
Power	530 W
	600 VA
Current Draw	2,61 Arms
Thermal Loss	197,8 kcal/h
	785,0 BTU/h
IDLE (all channels driven)	
Power	110 W
	240 VA
Current Draw	1 Arms
Thermal Loss	94,6 kcal/h
	375,4 BTU/h
SLEEP MODE (all channels driven)	
Power	2,7 W
	62,5 V
Current Draw	0,27 Arms
Thermal Loss	2,3 kcal/h
	9,2 BTU/h
POWER & HEAT @120VAC	
1/4 POWER, @ 4Ω (all channels driven)	
Power	828,5 W
	844 VA
Current Draw	7,50 Arms
Thermal Loss	196,5 kcal/h
	779,8 BTU/h
1/8 POWER, @ 4Ω (all channels driven)	
Power	467,7 W
	489 VA
Current Draw	4,31 Arms
Thermal Loss	152,01 kcal/h
	603,1 BTU/h
IDLE (all channels driven)	
Power	99,4 W
	844 VA
Current Draw	1,02 Arms
Thermal Loss	85,5 kcal/h
	339,3 BTU/h
SLEEP MODE (all channels driven)	
Power	1,5 W
	23,9 VA
Current Draw	0,20 Arms
Thermal Loss	1,3 kcal/h
	5,01 BTU/h
TECHNOLOGIES	
Amplification technology	Class D
Energy saving	Auto standby function selectable
Efficiency	72%
Cooling	2 fans
Maximum fan noise	57 dBA

PROTECTIONS	
AC protection	Yes
DC protection	Yes
HF protection	Yes
Short-circuit protection	Yes
Clip limiter	Yes
Thermal protection	Yes
LOCAL CONTROL	
Attenuators	Front panel knobs per channel VOL (default)/BYPASS option
Output mode settings	Back panel Dipswitch by pairs of channels BRIDGE/2Ω/4Ω/8Ω/70V/100V
RUN/SLEEP mode	Auto standby function Front panel button
Power ON/OFF	Front panel switch
SETTINGS	
Attenuators	Front panel knobs per channel
Output settings	2Ω/4Ω/8Ω/70V/100V/Bridge Mode output selection by pair of channels
Auto standby function	Front panel button
Auto standby threshold	-40dB
Auto standby time	90 seconds
Power ON/OFF	Front panel switch
MONITORING	
Signal Present	SIGNAL LED (Green) per channel
Clipping	CLIP LED (Red) per channel
Protect	TH/PROT LED (Red) per channel
Standby	AUTO STANDBY ON/OFF LED (Green) per unit
Standby / Mute	STANDBY (Orange) per channel
Limit	TH/PROT LED (Red)
Thermal	TH/PROT LED (Red) per channel
On	ON LED (Green) per unit
Link	LINK (White)
PHYSICAL	
Operating temperature	-20º to 40º C -4º to 104º F
Operating humidity	10-90% RH, non-condensing
Storage temperature	-40º to 70º C -40º to 158º F
Storage humidity	10-95% RH, non-condensing
Installation options	Rack 19" installation & desktop
Included accessories	1x EU & IEC power cords, UK,US & CN plug adapters, 4x Desktop feet, 1x Rack 19" installation hardware, 12x Euroblock connectors (8x 3-pin blue for inputs and 4x 4-pin green for outputs), 4x Euroblock jumper.
Dimensions (WxHxD)	484 x 44 x 411.6 mm / 19 x 1,73 x 16.20 in.
Weight	7.5 kg / 16.53 lb
Shipping dimensions (WxHxD)	590 x 80 x 590 mm / 23.23 x 3.15 x 23.23 in.
Shipping weight	11.15 kg / 24.58 lb

8.2 Mechanical Diagrams

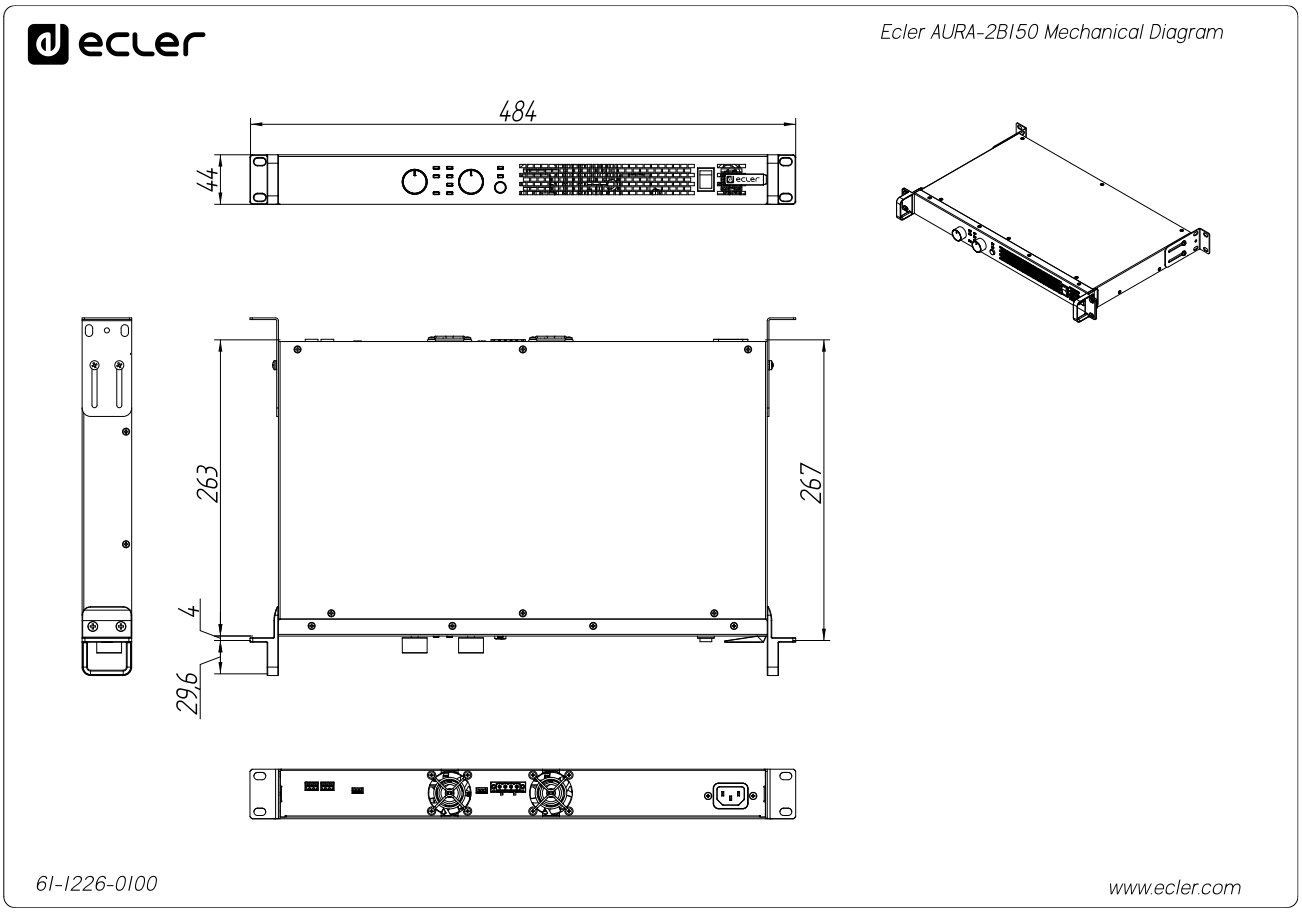
8.2.1 AURA-1B300

All measurements are **in mm.**



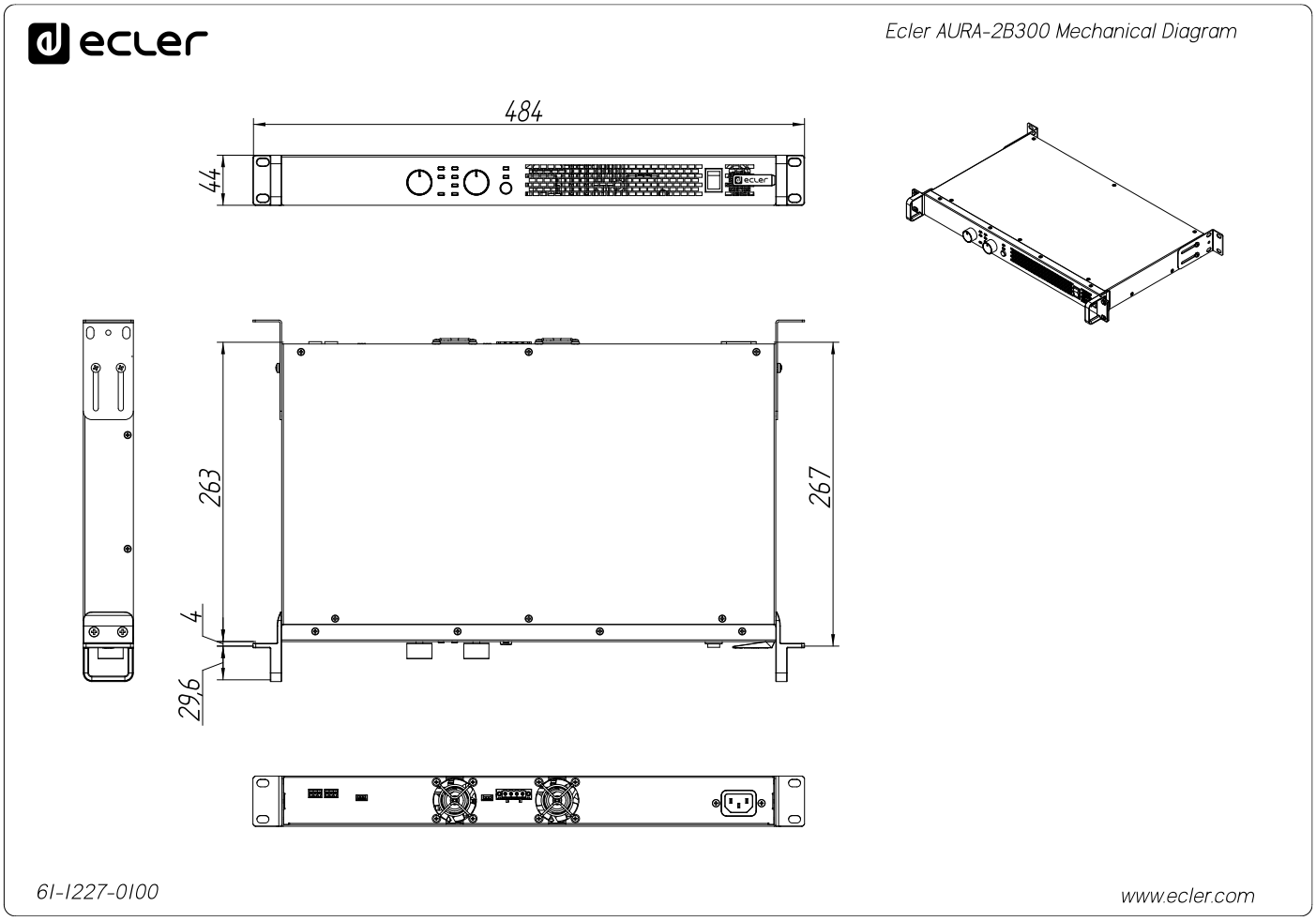
8.2.2 AURA-2B150

All measurements are **in mm.**



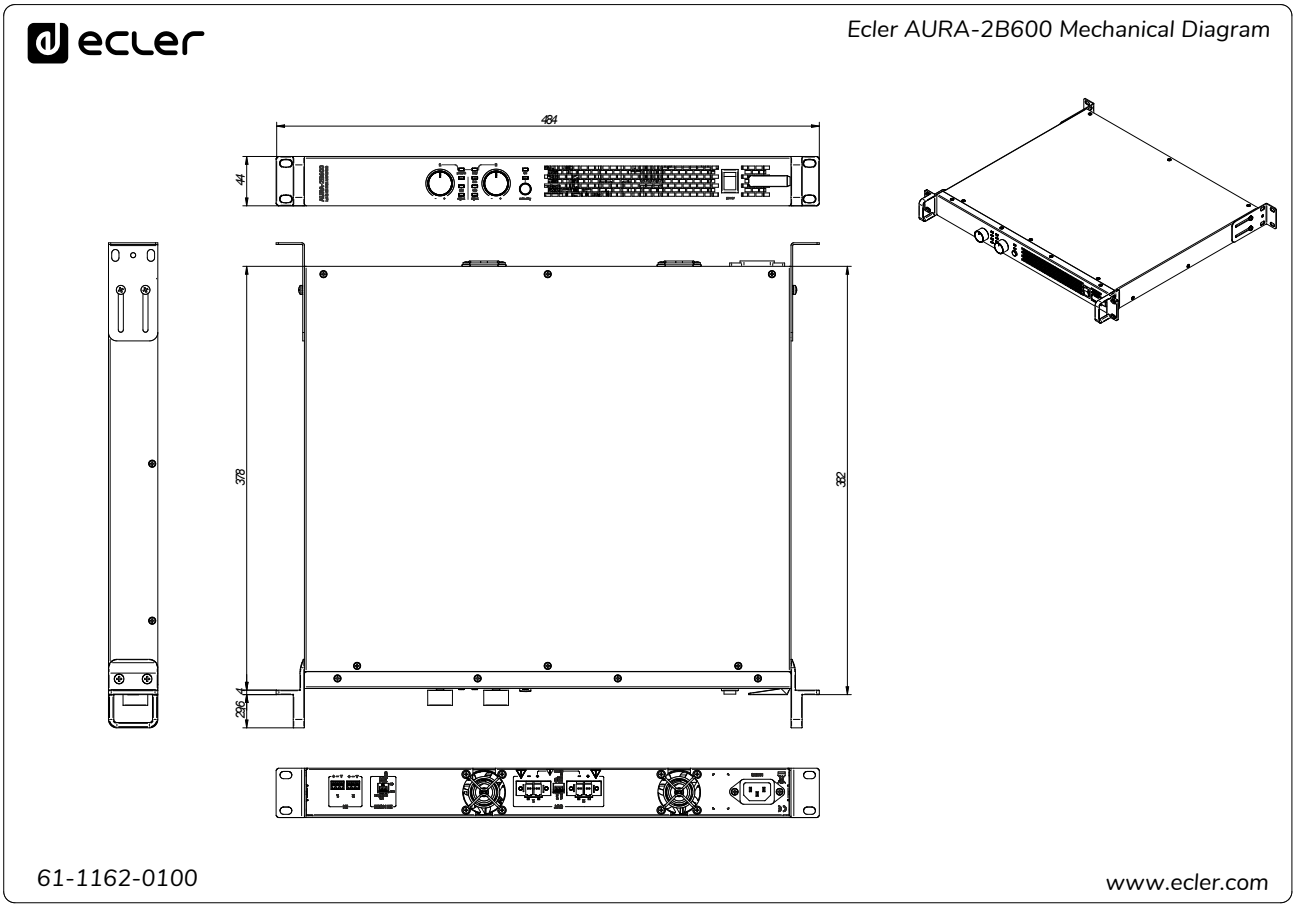
8.2.3 AURA-2B300

All measurements are **in mm.**



8.2.4 AURA-2B600

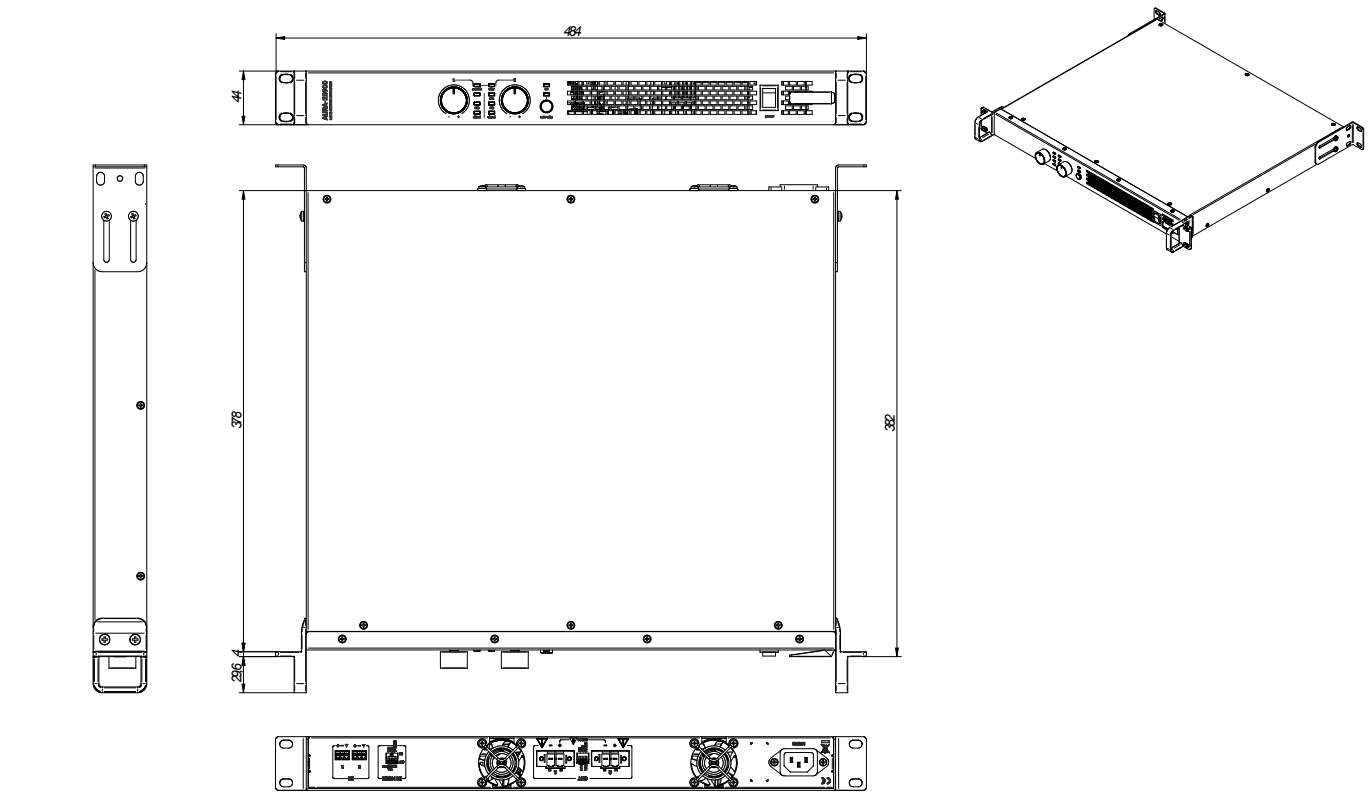
All measurements are **in mm.**



8.2.5 AURA-2B900

All measurements are **in mm.**

Ecler AURA-2B900 Mechanical Diagram



61-1163-0100

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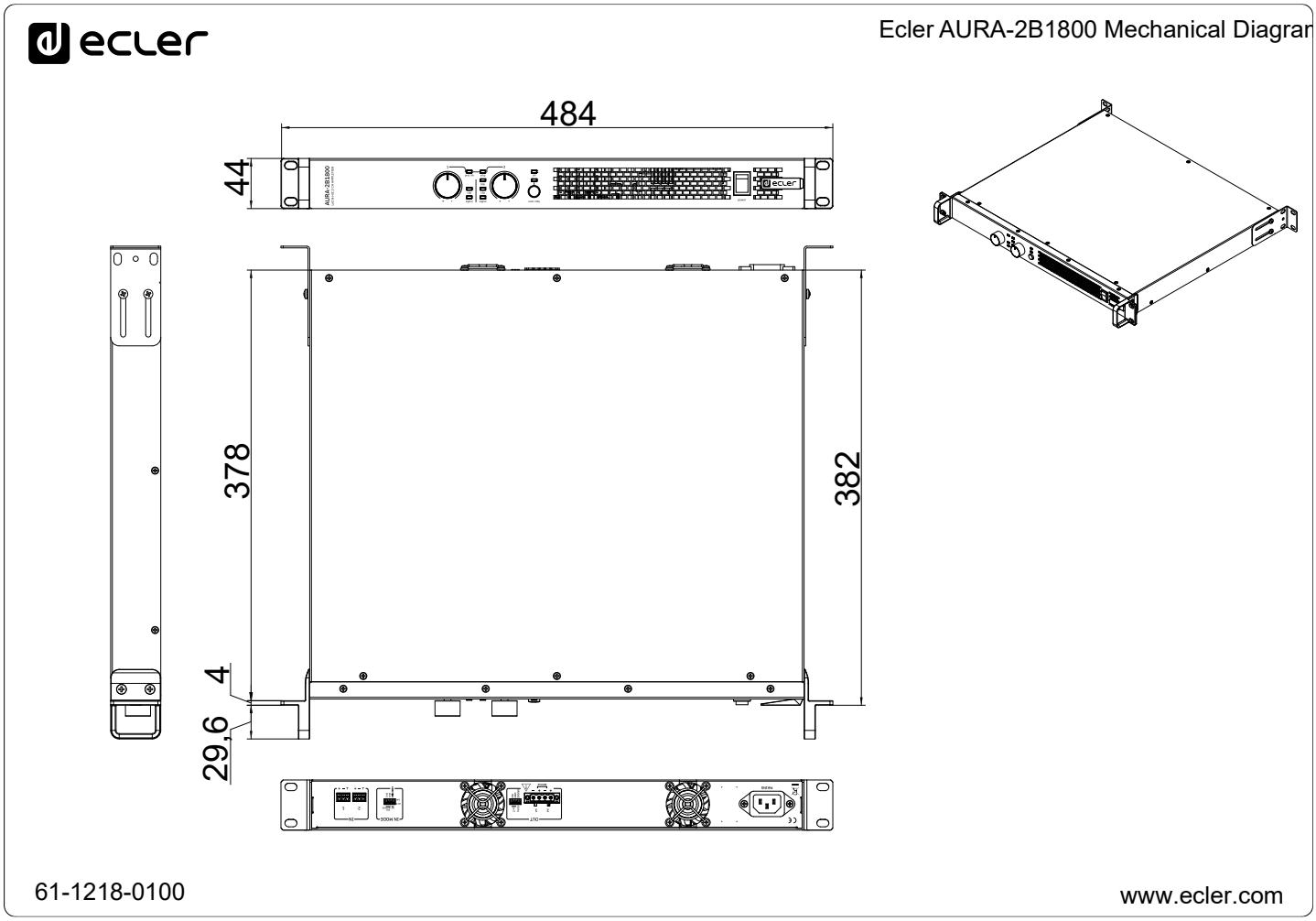
All the measurments are in mm

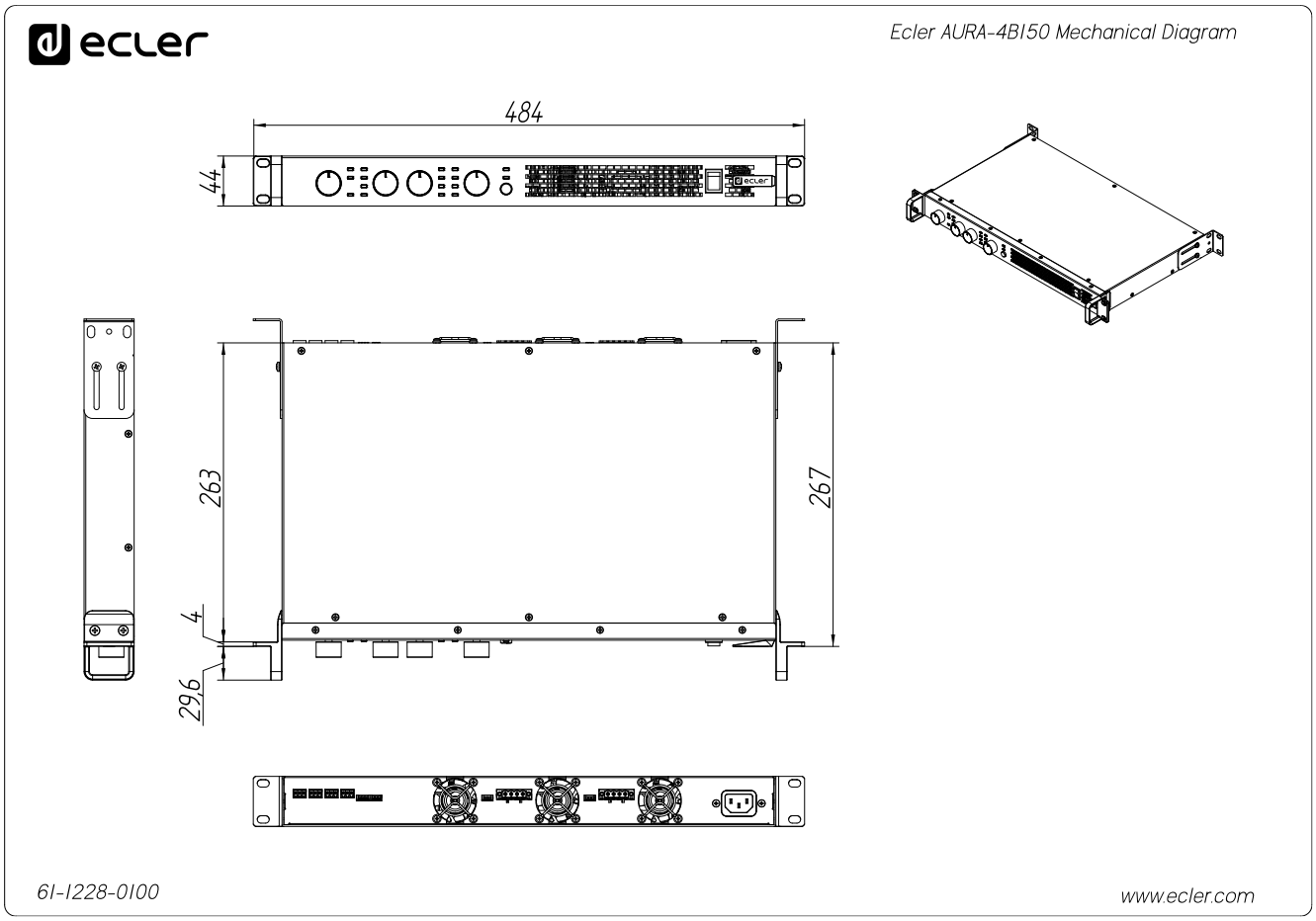
8.2.6 AURA-2B1800

All measurements are **in mm.**



8.2.7 AURA-4B150

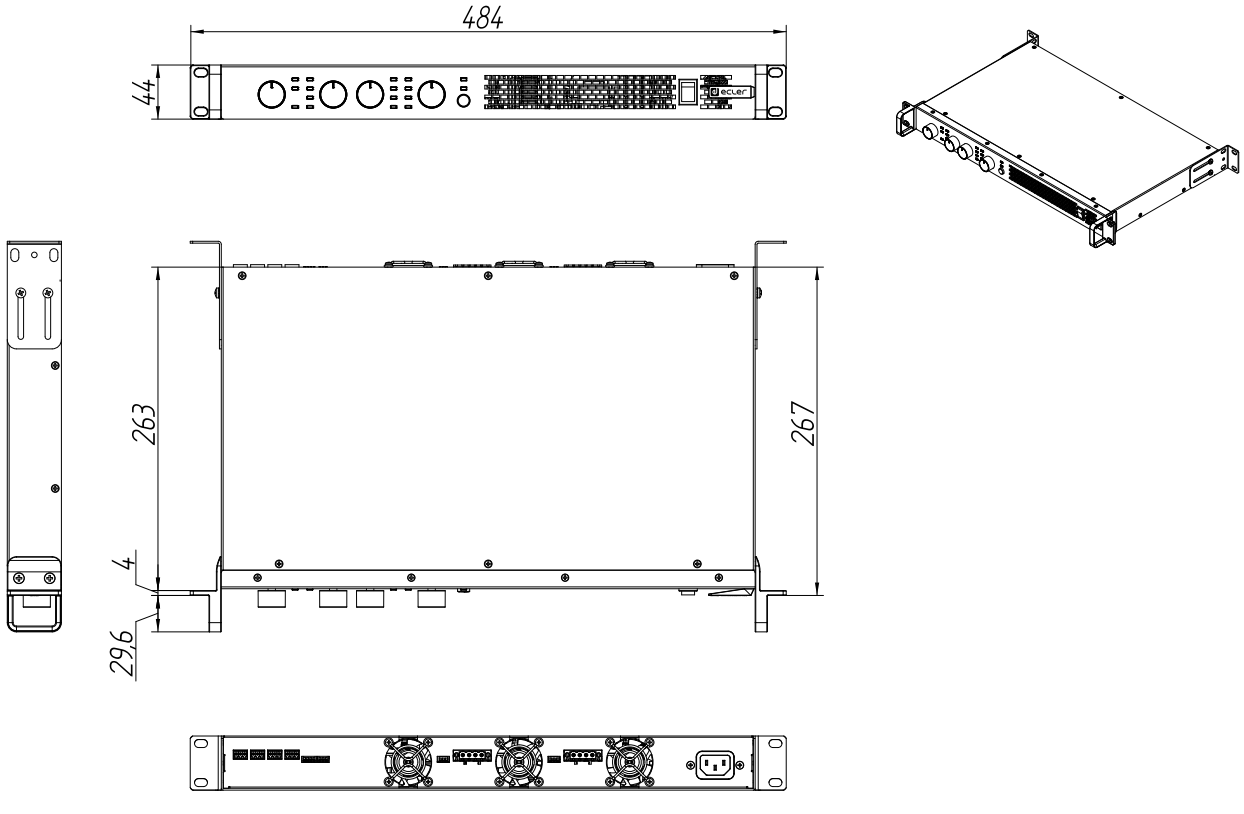
All measurements are **in mm.**



8.2.8 AURA-4B300

All measurements are **in mm.**

Ecler AURA-4B300 Mechanical Diagram



All the measurments are in mm

61-1229-0100

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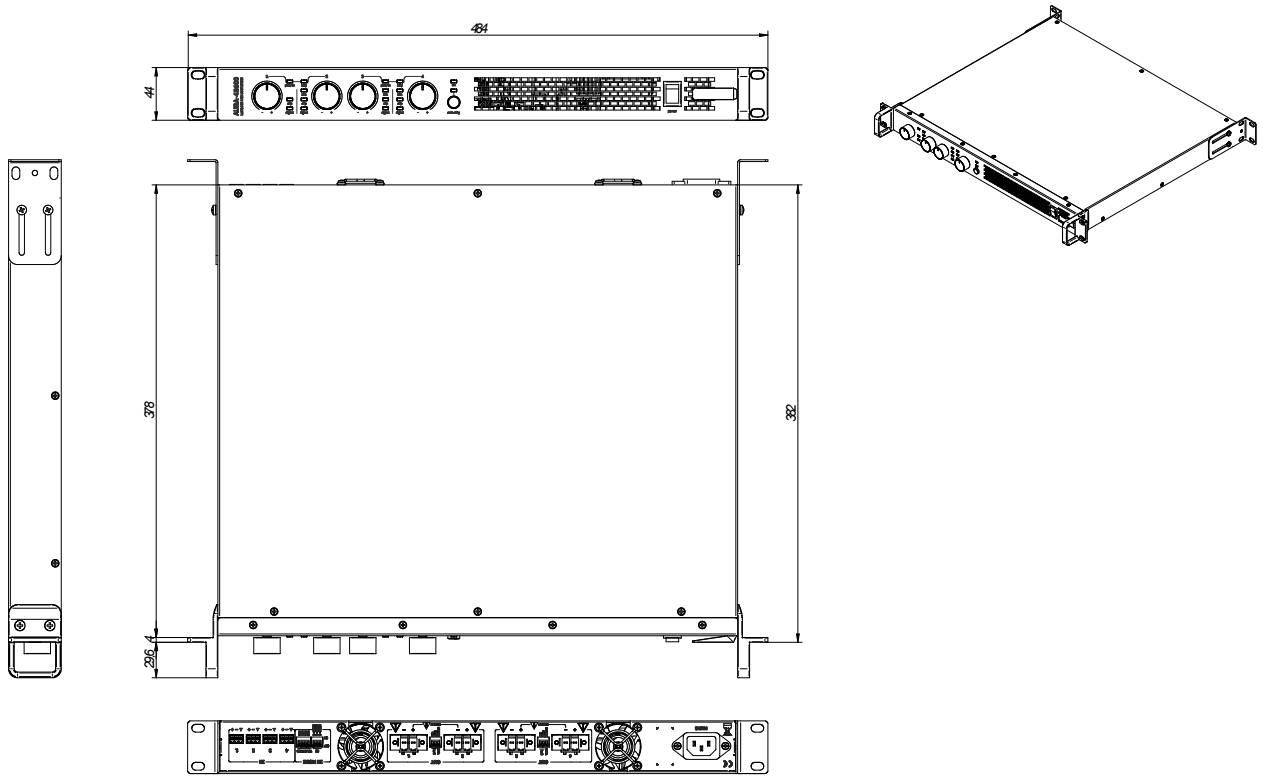
8.2.9 AURA-4B600

All measurements are **in mm.**

Ecler AURA-4B600 Mechanical Diagram



All the measurments are in mm

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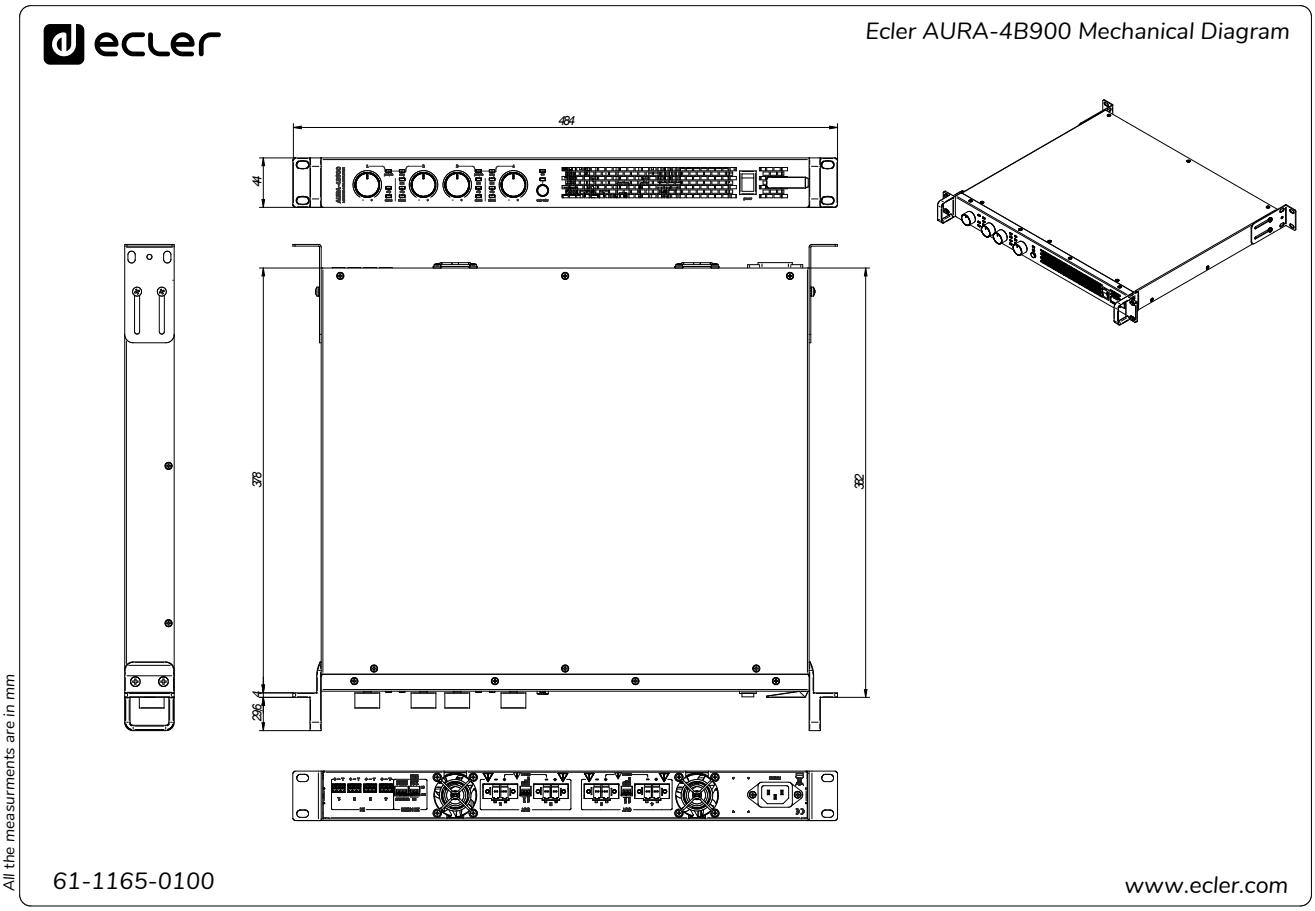
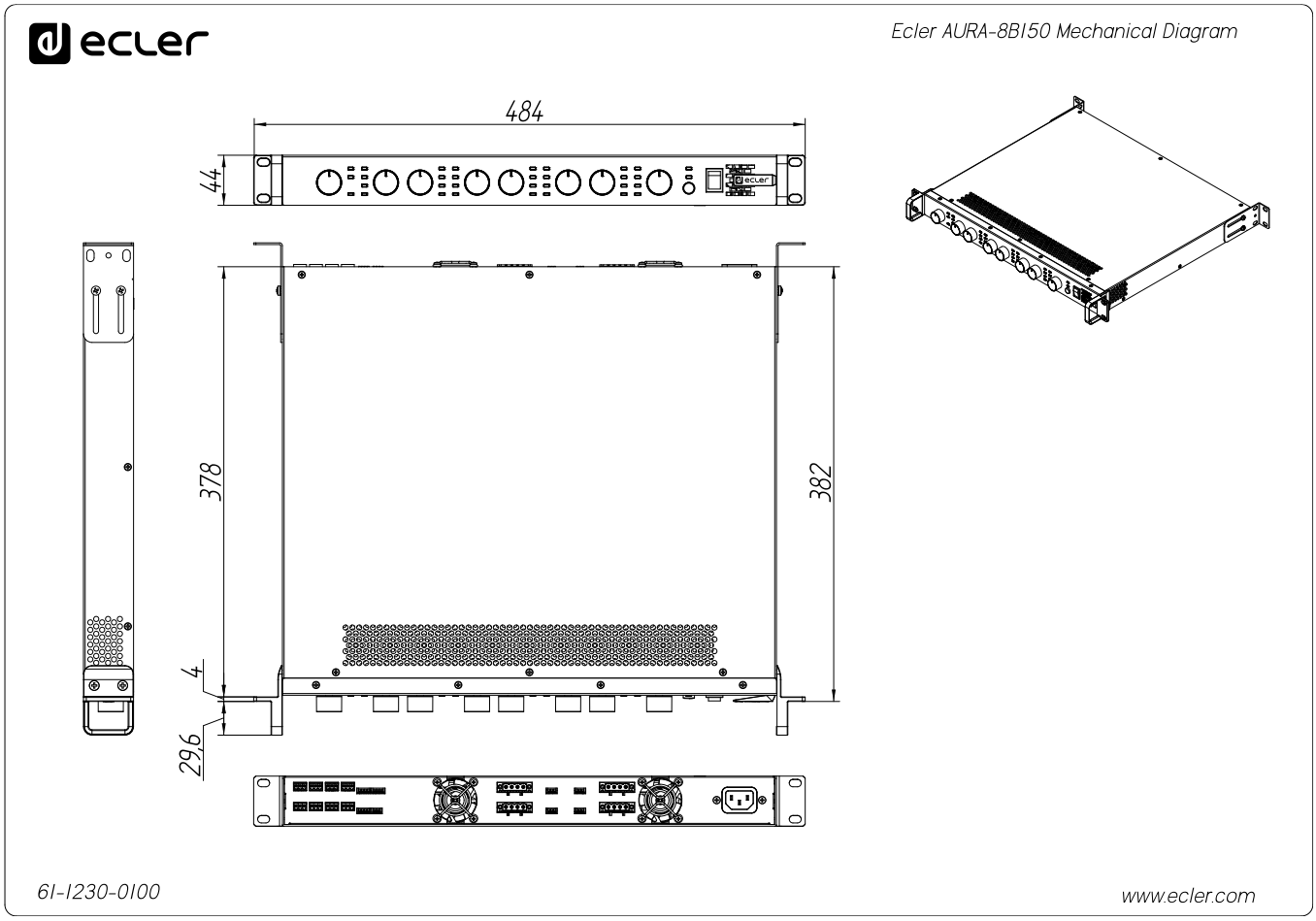
8.2.10 AURA-4B900

All measurements are **in mm.**



8.2.11 AURA-8B150

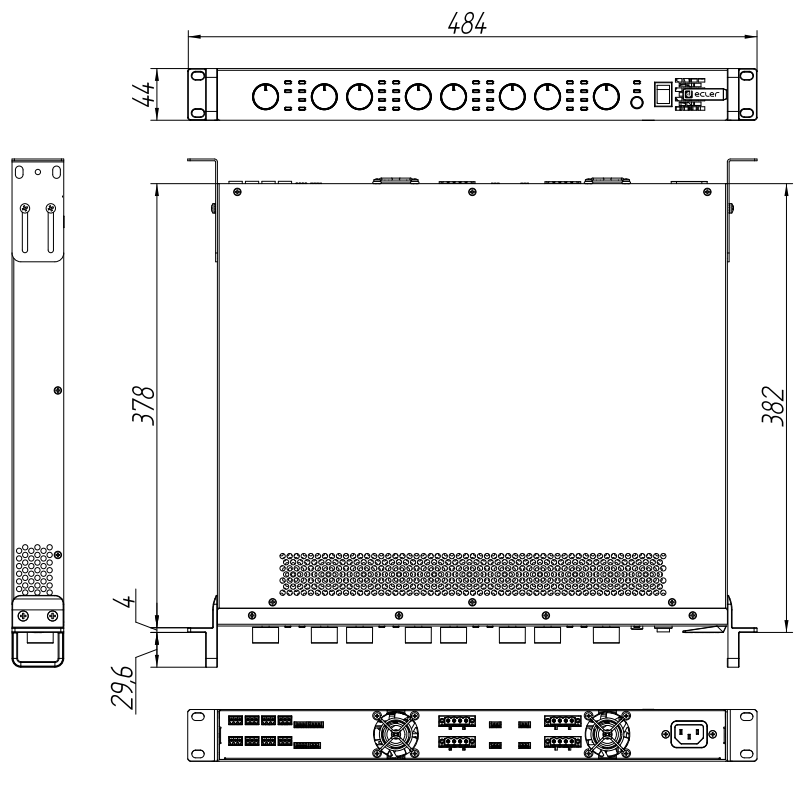
All measurements are **in mm.**

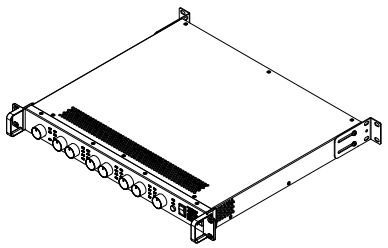


8.2.12 AURA-8B300

All measurements are **in mm.**

Ecler AURA-8B300 Mechanical Diagram





All the measurments are in mm

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