

EPA152

Classe D - 2 x 150W / 4 Ohms Energy Star

Caractéristiques:

- Amplificateur léger de classe D
- Puissance 2 x 150 Watt RMS sous 4 Ohms
- Réponse en fréquence 20 Hz - 20 kHz
- Haut rendement
- Conforme Energy star (<1W en veille)
- Refroidi par convection
- Circuit de protection avancée
- Mode stéréo, parallèle et ponté



Certification:



Produit information:

Le EPA152 propose deux canaux d'amplification (stéréo) capables de délivrer une puissance de 2 x 150 Watts en mode stéréo sous 4 Ohms ou 300 Watts en mode mono bridgé sous 8 Ohms. Cet amplificateur conforme Energy Star passe automatiquement en mode veille si aucun signal audio n'est détecté (consommation de moins de 1Watt d'énergie en mode veille). Il possède diverses fonctions spécifiques et circuits de protection des avancés contre les surtensions, les courts-circuits, les surchauffes et surcharges. Les connexions d'entrée de signal se font sur des connecteurs XLR symétriques et il est possible d'envoyer le signal vers un autre appareil en utilisant les connecteurs de sortie XLR. Le mode de fonctionnement peut être sélectionnée entre stéréo, le mode pont et mode parallèle. Les connexions de sortie sont disponibles à la fois sur Speakon et Euroblocks.

Applications:

- Retail
- Public facilities
- Corporate spaces
- Clubs, bars, restaurants
- Events

System specifications:

Frequency	Response (± 3 dB)	20 Hz - 20 kHz
Signal / Noise		> 90 dB
THD+N (@ 1 kHz)		< 0.1% (1/2 Rated Power)
Crosstalk (@ 1 kHz)		> 70 dB
Technology		Class-D
Power	Supply	Switching mode
		100 ~ 240 V AC / 50 ~ 60 Hz
	Consumption	145 W
	Standby	0.8 Watt (30 min standby time)
Inputs	Sensitivity (1W/1m)	0 dB (1V RMS)
	Impedance	12 k Ω balanced
	Connector	XLR female with Male Linkthrough
Protection		DC Short circuit
		Over heating
		Over load
		Signal limiting
Cooling		Convection cooled
Operating temperature		0° ~ 40° @ 95% Humidity
Outputs	Connector	Speakon compatible & 2-pin Euro Terminal Block (5.08 mm)
RMS Power	@ 4 Ω Stereo	2 x 150 W
	@ 8 Ω Bridge	300 W
	@ 8 Ω Stereo	2 x 80 W

Product Features:

Dimensions	482 x 44 x 330 mm (W x H x D)
Weight	4.100 kg
Mounting	19"
Unit height	1 HE
Construction	Steel
Colours	Black

Shipping & Ordering:

Packaging	Cardboard box
Shipping volume	0.028 Cbm

Architects' and Engineers' Specifications:

The amplifier must be an energy efficient and compact dual channel Class-D power amplifier, containing two independent controllable amplifier channels with an output power of 2 x 150 Watt. Bridging the outputs shall be possible, merging the power to 300 Watt for a single load. The construction must be transformerless using Class-D amplifier technology and powered by a switching power supply. Each channel shall have integrated circuitry to protect against short-circuits or mismatched loads and over heating. The amplifier must be convection cooled so that maintenance can be kept to a strict minimum.

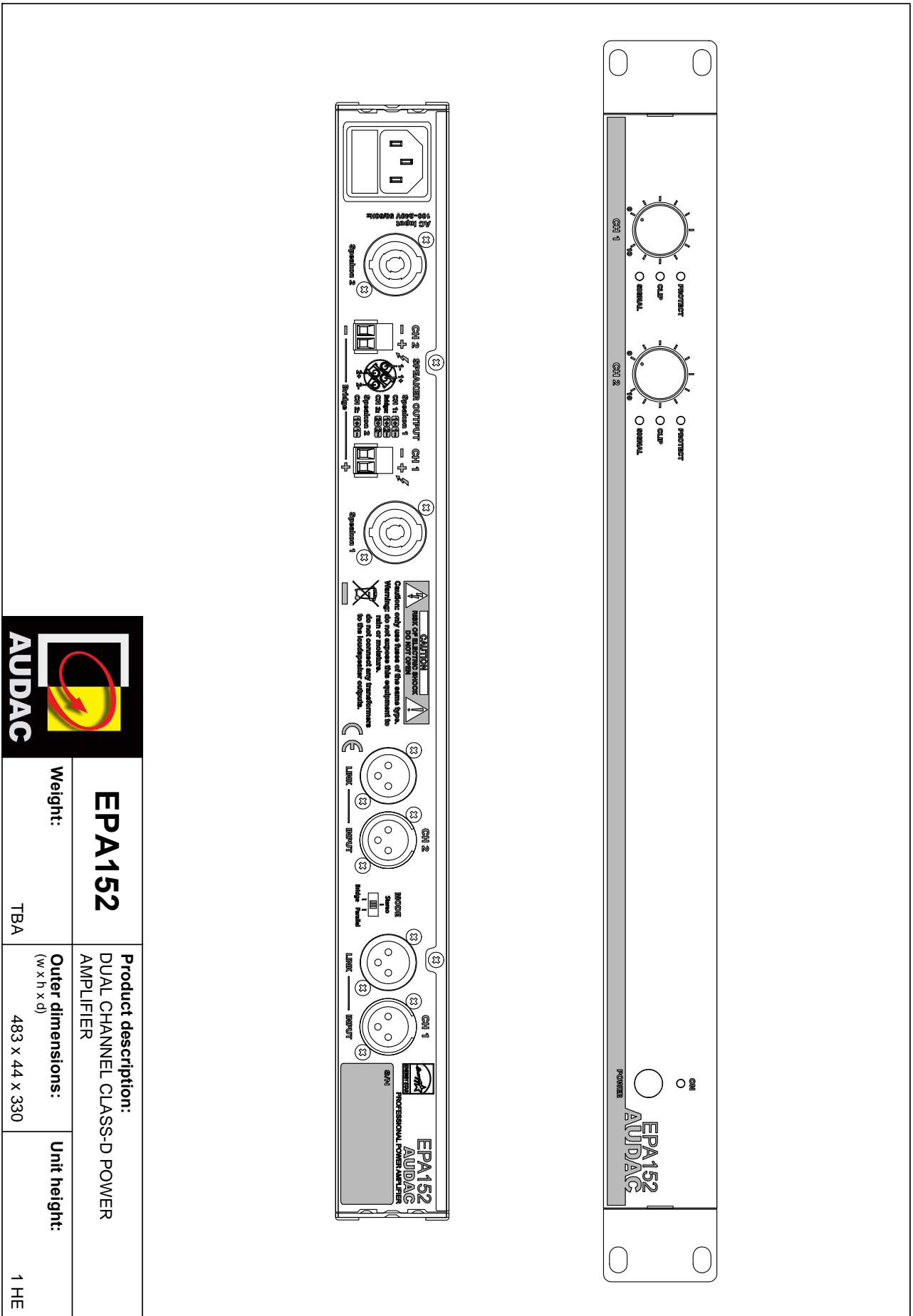
An automatic signal detection circuit shall be implemented, switching the amplifier to standby mode when no input signal is detected. The energy efficiency levels shall comply with energy-star and other international energy and environmental requirement standards.

The front panel shall contain an AC power switch accompanied by a blue power indicator LED and channel operation indicator LED's. A green signal LED's indicates the presence of an input signal and it's level exceeding the -20 dB level, a clip LED indicating the channel operation at maximum level and a protection LED indicating any fault detected shall be provided for each channel.

All connections shall be made on the rear panel of the unit. The signal input connections shall be balanced and performed using XLR connectors, including signal link-through connections. The output connections must be fitted with both Speakon compatible and terminal block connectors.

The amplifier shall operate on a 100-240V AC - 50/60 Hz mains network and shall be equipped with a removable power cord having a standard shuko (CEE 7/7) AC plug. The connector on the amplifier chassis shall be a fused IEC C14 type.

The amplifier chassis shall be a single rackspace steel constructed 19" housing. Depth from mounting surface to rear supports shall be 330 mm and the weight shall not exceed 4.1 Kg.



<p>EPA152</p>	<p>Product description: DUAL CHANNEL CLASS-D POWER AMPLIFIER</p>	<p>Unit height: 1 HE</p>
<p>Weight:</p>	<p>Outer dimensions: (w x h x d) 483 x 44 x 330</p>	<p>TBA</p>