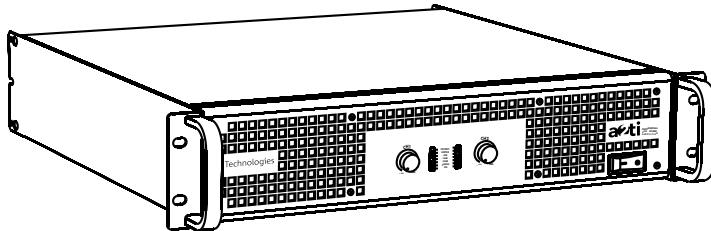




Professional 2-Channel Power Amplifier



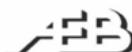
## QUICKSTART USER MANUAL

### *Section 1*

The warnings in this manual must be observed together with the "USER MANUAL - Section 2".  
Le avvertenze nel presente manuale devono essere osservate congiuntamente al "MANUALE D'USO - Sezione 2".  
Die Warnungen in diesem Handbuch müssen in Verbindung mit der "BEDIENUNGSANLEITUNG - Abschnitt 2" beobachtet werden".

Les avertissements spécifiés dans ce manuel doivent être respectés ainsi que les "CARACTERISTIQUES TECHNIQUES -Section 2"

Las advertencias del presente manual se deben tener en cuenta conjuntamente con las del "MANUAL DEL USUARIO" - Sección 2".



A.E.B. Industriale Srl Via Brodolini, 8 Località Crespellano 40053 VALSAMOGGIA BOLOGNA (ITALIA)  
Tel +39 051 969870 Fax +39 051 969725 [www.dbtechnologies.com](http://www.dbtechnologies.com) [info@dbtechnologies-aeb.com](mailto:info@dbtechnologies-aeb.com)

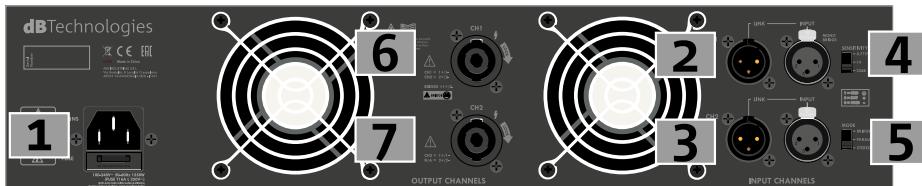


**Thank you for choosing a dBTechnologies Product!**

A2Ti is a powerful 2 channel class D amplifier (PFC and SMPS power supply) with 4-poles speakON outputs. The user can choose between BRIDGE, PARALLEL, or STEREO MODE. The balanced inputs, with sensitivity selector, can be linked to create a more complex amplifiers network. It can cover a wide range of applications, especially in fixed installations.

**PACKING CONTENT**

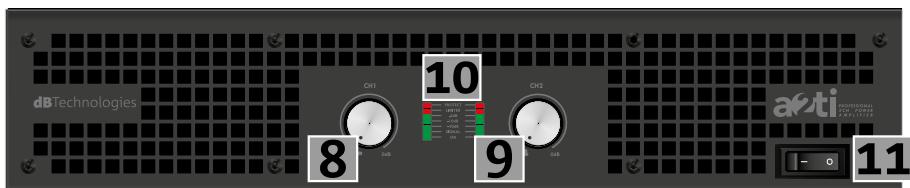
- A2Ti amplifier
- mains cable (VDE connector)
- this quickstart and warranty documentation

**REAR PANEL**

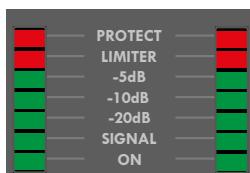
1. VDE connector with fuse
2. Balanced CH1 input (XLR connector) with Link output
3. Balanced CH2 input (XLR connector) with Link output
4. Sensitivity selector
5. MODE selector
6. CH1 4-poles speakON output
7. CH2 4-poles speakON output

**Attention!**

Touching uninsulated OUTPUT CHANNELS or bare wiring may result in an unpleasant sensation.  
Don't touch uninsulated OUTPUT CHANNELS or bare wiring when power on.

**FRONT PANEL**

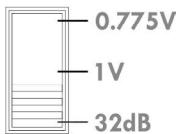
8. CH1 level knob
9. CH2 level knob
10. CH1-CH2 meters
11. Power switch



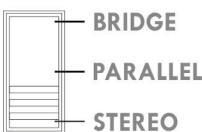
- Lights at the action of all the protection circuits
- Lights when compression/limiter is protecting the amplifier
- Lights when the output signal is around -5 dB than full power.
- Lights when the output signal is around -10 dB than full power.
- Lights when the output signal is around -20 dB than full power.
- Lights at the presence of input audio signal
- Lights when the amplifier turn on

## INPUT SENSITIVITY / OUTPUT MODE

### SENSITIVITY



### MODE



MODE	INPUT	OUTPUT
	XLR	NL4 Speakon
<b>MODE</b> BRG PAR ST.	<b>CH1</b>	→ CH1 + → + ↗ → CH2 + → + ↗
<b>MODE</b> BRG PAR ST.	<b>CH1</b>	→ CH1 + → + ↗ → CH2 + → + ↗
<b>MODE</b> BRG PAR ST.	<b>CH1</b>	CH1 + → + ↗ CH2 + → + ↗

The user can select the input sensitivity and the output mode of the amplifier.

The input sensitivity can be selected from (0.775 V, 1 V, 32 dB), depending on the characteristics of the source.

The amplifier can operate in three different modes:

- bridge (combines two input signal into one output signal to reach a higher power rating)
- parallel (route one input signal to both the outputs)
- stereo (the default mode, CH1 input is routed in CH1 output, CH2 input is routed in CH2 output)

See the upper table and the main tech specs for a further explanation.

## FIRST TURN ON

- Connect the passive loudspeakers, using cables with speakON connectors (4-5 outputs), depending on impedance, max rated power, and amplifier mode. Select the amplifier MODE (5).
- Connect the inputs, using balanced cables with XLR connectors (6-7 input). Select the inputs sensitivity (4).
- If needed, link the input LINK connectors, to relaunch the signal to a second amplifier.
- Set the level knobs (8, 9) to the minimum level.
- Connect the mains cable (socket 1), turn on the amplifier (11).
- Adjust the level knobs (8, 9), while the audio signal comes from your source.

**MAIN TECH SPECS**

Type:	Class D amplifier
Output Power:	
8 Ω stereo*	1000 W x 2
4 Ω stereo**	1750 W x 2
8 Ω bridge**	3500 W
Frequency response:	20 Hz - 20 kHz (+0/-1dB)
Input sensitivity:	0.775 V / 1 V / 32 dB
Product dimensions (mm):	483(w) x 306.5(d) x 89(h)
Weight:	7.9 kg

\* The power is tested under the condition of 40ms burst,1kHz sine wave and 1% THD.

\*\* The power is tested under the condition of 20ms burst,1kHz sine wave and 1% THD.



Scan with your QR reader App to  
download the complete user manual.



*This product is suitable for usage up to an altitude of 2000 m.*

*Check the complete user manual on [www.dbtechnologies.com](http://www.dbtechnologies.com) for further information about the system and available accessories.*

*Features, specification and appearance of products are subject to change without notice. dBTechnologies reserves the right to make changes or improvements in design or manufacturing without assuming any obligation to change or improve products previously manufactured.*