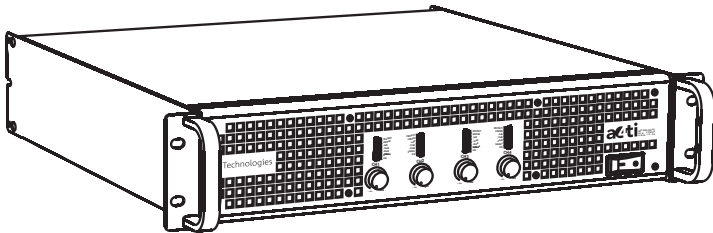


a4ti

Professional 4-Channel Power Amplifier



QUICKSTART USER MANUAL

Section 1

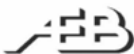
The warnings in this manual must be observed together with the "USER MANUAL - Section 2".

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 info@dbtechnologies-aeb.com



Thank you for choosing a dBTechnologies Product!

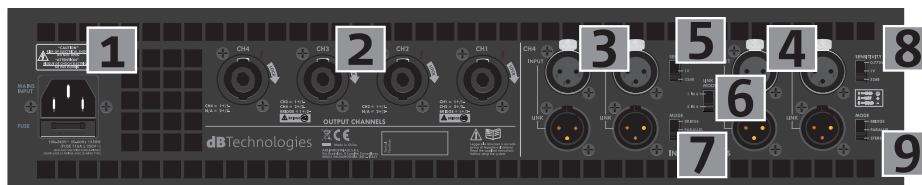
A4TI is a powerful 4 channel class D amplifier (PFC and SMPS power supply) with 4- poles speakON outputs. The user can choose between BRIDGE, PARALLEL, or STEREO MODE. A LINK MODE selector increase the versatility of the use.

The balanced inputs, with sensitivity selector, can be linked to create a more complex amplifiers network. It can cover a wide range of applications, expecially in fixed installations.

PACKING CONTENT

- A4TI amplifier
- mains cable (VDE connector)
- this quickstart and warranty documentation

REAR PANEL



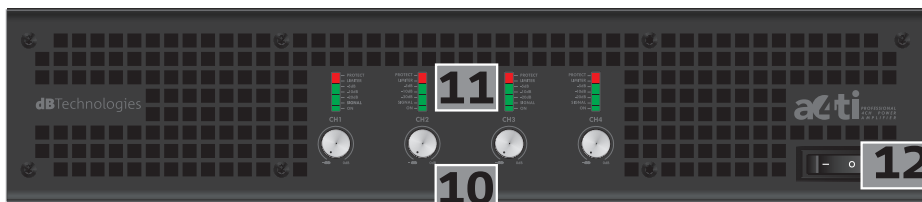
1. VDE connector with fuse
2. CH1, CH2, CH3, CH4 4-poles speakON outputs
3. Balanced CH3 and CH4 inputs (XLR connector) with Link outputs
4. Balanced CH3 and CH4 inputs (XLR connector) with Link outputs
5. Sensitivity selector for CH3-CH4 inputs
6. LINK MODE selector
7. CH3-CH4 MODE selector
8. Sensitivity selector for CH1-CH2 inputs
9. CH1-CH2 MODE selector



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

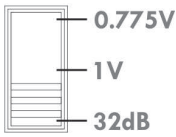


10. CH1, CH2, CH3, CH4 level knobs
11. CH1, CH2, CH3, CH4 meters
12. Power switch

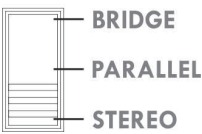
PROTECT	Red	Lights at the action of all the protection circuits
LIMITER	Red	Lights when compression/limiter is protecting the amplifier
-5dB	Green	Lights when the output signal is around -5 dB than full power.
-10dB	Green	Lights when the output signal is around -10 dB than full power.
-20dB	Green	Lights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

INPUT SENSITIVITY / OUTPUT MODE / LINK MODE

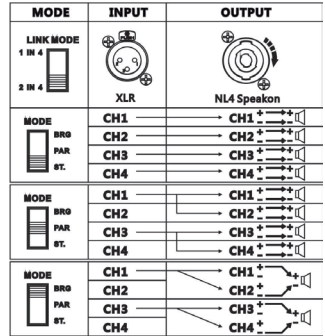
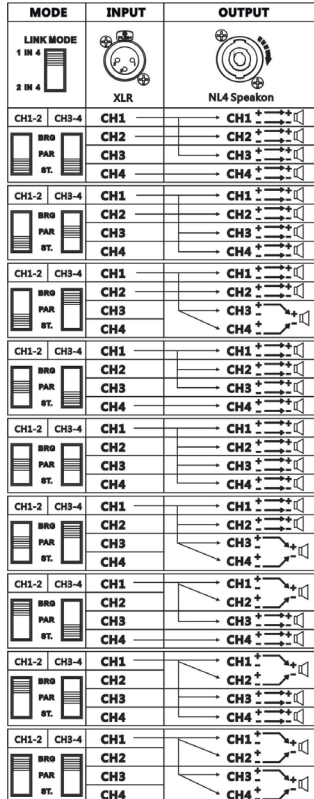
SENSITIVITY



MODE



LINK MODE



The user can select the input sensitivity, the output mode of the amplifier and the link mode. 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
- parallel
- stereo

The LINK MODE (1 in 4 / 2 in 4) increase the possibilities in the usage. All the cases are explained in the upper referencetable.

FIRST TURN ON

- Connect the passive loudspeakers, using cables with speakON connectors (2 outputs), depending on impedance, max rated power, amplifier mode, link mode. Select the amplifier MODE (7, 9) and LINK MODE (6).
- Connect the inputs, using balanced cables with XLR connectors (6-7 outputs). Select the inputs sensitivity.
- If needed, link the input LINK connector, to relaunch the signal to a second amplifier.
- Set the level knobs (10) to the minimum level.
- Connect the mains cable (socket 1), turn on the amplifier (12).
- Adjust the gain controls (8, 9), while the audio signal comes from your source.

MAIN TECH SPECS

Type:	Class D amplifier
Output Power:	
8 Ω stereo*	500 W x 4
4 Ω stereo**	750 W x 4
8 Ω bridge**	1500 W x 2
Frequency response:	20 Hz - 20 kHz (+0/-1dB)
Input sensitivity:	0.775 V / 1 V / 32 dB
Product dimensions (mm):	483(w) x 435(d) x 89(h)
Weight:	11 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 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.

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