

AVVERTENZA!
IL PRODOTTO È COSTRUITO PER OPERARE ESCLUSIVAMENTE ALL'INTERNO DI AUTOVEICOLI ALIMENTATI A 12 VOLT DC.

12V

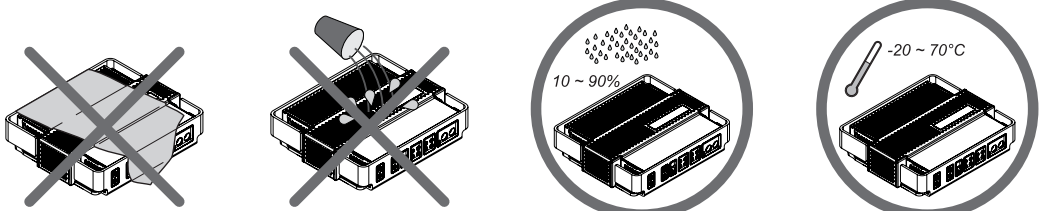
AVVERTENZA!
PRIMA DI QUALSIASI INTERVENTO DI MONTAGGIO, MANUTENZIONE E SMONTAGGIO, SCOLLEGARE I MORSETTI DI ALIMENTAZIONE DALLA BATTERIA.

ACHTUNG!
BETREIBEN SIE DIE ENDSTUFE NUR IN FAHRZEUGEN MIT 12 VOLT.

ACHTUNG!
VOR DEM EINBAU UNBEDINGT DIE BATTERIE ABKLEMMEN. NACH FERTIGSTELLUNG DES EINBAUS DIE BATTERIE WIEDER ANSCHLIEßEN, DEN MINUSANSCHLUSS ZULETZT!

WARNING!
USE ONLY IN VEHICLES WITH A 12 VOLT NEGATIVE GROUND.

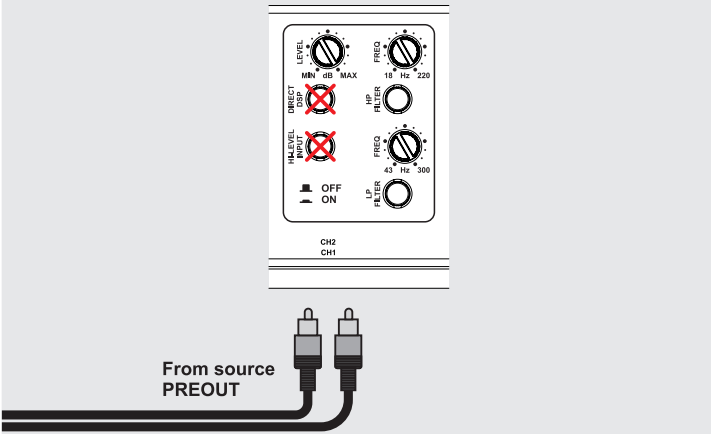
WARNING!
DISCONNECT THE BATTERY LEADS BEFORE INSTALLATION, RECONNECT AFTER INSTALLATION.



GEBRAUCHEN SIE DAS PRODUKT NICHT SO, DASS
IHRE AUFMERKSAMKEIT VOM FAHREN ABGELENKT
IST. Jede Handlung, die kontinuierliche Aufmerksamkeit
verlangt, muss im stehenden Zustand des Fahrzeugs
volzogen werden. Beim Ausführen solcher Handlungen
stoppen sie das Fahrzeug immer in einer sicheren Zone.
Nichteinhaltung kann Unfälle verursachen.

TECHNICAL SPECIFICATIONS	
Amplifier	PRO 2i30
Power supply voltage	10 - 16V
DC-DC converter topology	Unregulated – Push Pull
External fuse	1 x 150A
Overall efficiency	81% (ST/4Ohm) - 72% (ST/2Ohm or BTL/4Ohm)
Output power RMS @ 4 Ohm	550Wx2 (ST) or 1650x1 (BTL)
Output power RMS @ 2 Ohm	825Wx2 (ST)
	1Ohm ST / 2 Ohm BTL tollerant (2500W absolute max power)
Low level / High level input sensitivity range	0.25÷8.3Vrms
DDSP (direct DSP) input sensitivity	4.3Vrms
Onboard crossover filter configuration	LP 43÷300Hz and 18÷220Hz
Special features	DDSP - (Direct DSP) bypass all the preamplifier circuitry HL/LL - High Level / Low Level selectable input Autosense power-on with High Level input (with BTL source) RTC - Allow to regulate the volume by a remote position
Low level & High level input	RCA
Remote control (RTC)	Optional
Dimensions	500x205x55mm
Weight	5Kg

EXAMPLE: 1 STEREO LOW LEVEL SIGNAL INPUT



FILTERS SETTING

Figure 10 displays six frequency response plots arranged in a 3x2 grid, showing the effect of the 1000 Hz filter and the 100 Hz filter on the system's response. The x-axis represents frequency in Hz (logarithmic scale, 20 to 20K), and the y-axis represents amplitude in dB (linear scale, -20 to 20).

The plots are labeled as follows:

- Top-left: 1000 Hz filter OFF, 100 Hz filter OFF. The response is flat at 0 dB across the entire frequency range.
- Top-middle: 1000 Hz filter OFF, 100 Hz filter ON. The response is flat at 0 dB until approximately 100 Hz, then drops sharply to -20 dB by 200 Hz and remains flat.
- Top-right: 1000 Hz filter ON, 100 Hz filter OFF. The response is flat at 0 dB until approximately 1000 Hz, then drops sharply to -20 dB by 2000 Hz and remains flat.
- Middle-left: 1000 Hz filter ON, 100 Hz filter ON. The response is flat at 0 dB until approximately 100 Hz, then drops sharply to -20 dB by 200 Hz and remains flat.
- Middle-middle: 1000 Hz filter ON, 100 Hz filter ON. The response is flat at 0 dB until approximately 100 Hz, then drops sharply to -20 dB by 200 Hz and remains flat.
- Middle-right: 1000 Hz filter ON, 100 Hz filter ON. The response is flat at 0 dB until approximately 100 Hz, then drops sharply to -20 dB by 200 Hz and remains flat.
- Bottom-left: 1000 Hz filter ON, 100 Hz filter ON. The response is flat at 0 dB until approximately 100 Hz, then drops sharply to -20 dB by 200 Hz and remains flat.
- Bottom-middle: 1000 Hz filter ON, 100 Hz filter ON. The response is flat at 0 dB until approximately 100 Hz, then drops sharply to -20 dB by 200 Hz and remains flat.
- Bottom-right: 1000 Hz filter ON, 100 Hz filter ON. The response is flat at 0 dB until approximately 100 Hz, then drops sharply to -20 dB by 200 Hz and remains flat.

Legend:

- 1000 Hz filter OFF: : OFF
- 1000 Hz filter ON: : ON
- 100 Hz filter OFF: : OFF
- 100 Hz filter ON: : ON
- No effect: : NO EFFECT

✗ : OFF ● : ON ▨ : NO EFFECT

EXAMPLE : Stereo output

The diagram shows a central unit with four terminals. Two terminals on the left are connected to a speaker labeled 'LEFT' and 'min 10hm'. Two terminals on the right are connected to a speaker labeled 'RIGHT' and 'min 10hm'.

min 20hm

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GLADEN PRO 2|30
ITA - DEUT - ENG

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Model	S.N.

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