

Thanks you for purchasing *B2* amplifiers for your car audio system.
B2 audio has through years of dedication introduced our line of *Ref 0.9* & *Anno* amplifiers.
 The *B2* line up are made to fullfil our philosophy for amplifiers; A variety of applications, highest possible efficiency and great appearance.
 The *B2* amplifiers are designed to produce high power levels even from stock electrical systems.
 High efficiency is created from updating every stage through the amplifiers' circuit. High speed controller chipsets, efficient power devices, precise thermal management and the best engineering are the cornerstones of the *B2* amplifier series.

FEATURES	<i>Ref 0.9</i>	<i>Anno</i>
Circuit Configuration	HI-EF Class D Mono	4ch 1 ohm Stable class AB
Frequency Response	: 20Hz ~ 250Hz	: 10Hz ~ 30KHz
Signal to Noise Ratio	: 100dB	: 105dB
Input Sensitivity	: 6V ~ 0.2V	: 8V ~ 0.2V
Crossover	: 24dB / Oct	: 24dB / Oct
High Pass Filter	: no	: 15(150)Hz ~ 400(4K)Hz, x1, x10
Low Pass Crossover Range	: 20Hz ~ 200Hz	: 40(400)Hz ~ 400(4K)Hz, x1, x10
Subsonic Crossover Range	: 10Hz ~ 50Hz	: NO
Bass Boost	: 0 ~ 9dB	: NO
Phase	: 0 ~ 180 Degrees	: NO
Output Master / Input Slave	: YES	: NO
Remote Control	: YES	: YES
Damping Factor	: 250<	: 500<
Power Terminal gauge	: 0 ga x 1	: 0 ga x 1
Fuse Rating	: 250A	: 240A

All features are subject to change in the continuing effort to improve the products without notice

B2 series output power

	POWER @ 4OHM	POWER @ 2 OHM	POWER @ 1OHM
<i>Ref 0.9</i>	900W x 1	1500W x 1	Not recommended
<i>Anno</i>	POWER @ 4OHM 2 x 200W + 2 x 300W	POWER @ 2 OHM 2 x 300W + 2 x 450W	POWER @ 1 OHM 2 x 400W + 2 x 600W

2. DESIGN FEATURES

- Ref 0.9* will allow stable operation as a single unit @ 4/2/1 ohms impedance.
Ref 0.9 will allow daisy chain connections @ impedances down to 2 ohms.
- Anno* 4 channel 1 ohm stable class AB amplifier will allow stable operation @ 4/2/1 ohms stereo or 4/2 ohms mono.
- B2* amplifiers offer an advanced protection circuit for the benefit of the user.
 Speaker short circuitry, DC offset, Voltage sensor & thermal protection.
- The *B2* pcb has been designed using a double sided board and features high current mosfet switching devices.
Ref 0.9 has a 24 dB slope/Oct low pass & subsonic filter.
Anno has a 24 dB slope/Oct high pass and low pass filter
- Ref 0.9* & *Anno* offer wired remote level control which allows easy gain adjustment from the drivers seat.
- Ref 0.9* can be used in a daisy chain connection. This will allow bridging of 2 mono amplifiers @ 2 ohms to produce twice the power of one unit @ 1 ohm