

diECi
SUB BOX

DBA 200.3 140W

Technical Specifications

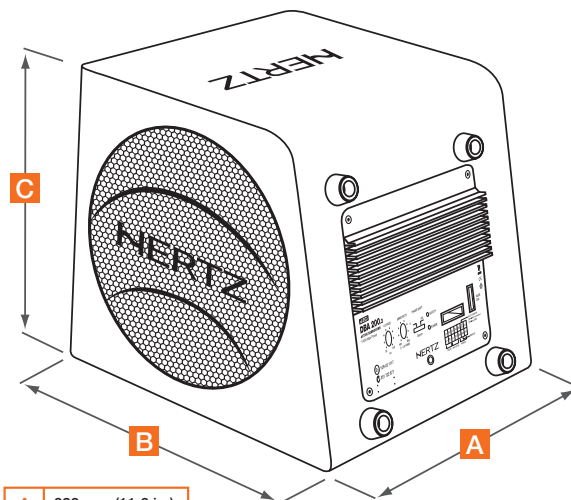
Component	Active Subwoofer, Double Passive Radiator Reflex	
Speaker Size	mm (in.)	200 (8)
Passive Radiator Size	mm (in.)	200 (8) x 2
Power handling W	peak	140
Impedance	Ω	4
Frequency Response	Hz	32 ÷ 400
Sensitivity	dB/SPL	92
Magnet	High density flux ferrite	
Cone	Water-repellent pressed paper	
Weight of one component	kg (lb.)	7,80 (17.19)

Electro-Acoustic Parameters

D	mm	166
Xmax	mm	5
Re	Ω	2,9
Fs	Hz	54
Vas	l	12
Mms	g	49
Cms	mm/N	0,18
BL	T m	10,6
Qts	-	0,40
Qes	-	0,42
Qms	-	6,88
Spl	dB	93



1. 8" massive motor active subwoofer.
2. 8" double passive radiator.
3. 140 W integrated power amplifier.
4. Frequency, Level, Phase adjustable controls.
5. Dual speaker input: pre-amplified low-level input (RCA, for Aftermarket head units); amplified high-level input (speaker cable, for OEM head units).
6. Single connector for easy installation and removal of the subwoofer.
7. Constructed from 18 mm MDF.
8. Slanted lower panel to ease the enclosure installation next to the seats.
9. Grille featuring Hertz logo, offering total speaker protection.



A	293 mm (11.6 in.)
B	330 mm (13 in.)
C	263 mm (10.4 in.)

Power Supply

Power supply voltage:	11 ÷ 15 VDC
Idling current:	0,5 A
Idling current when off:	0.02 mA
Consumption @ 14.4 VDC (Max Musical Power):	13 A

Amplifier Stage

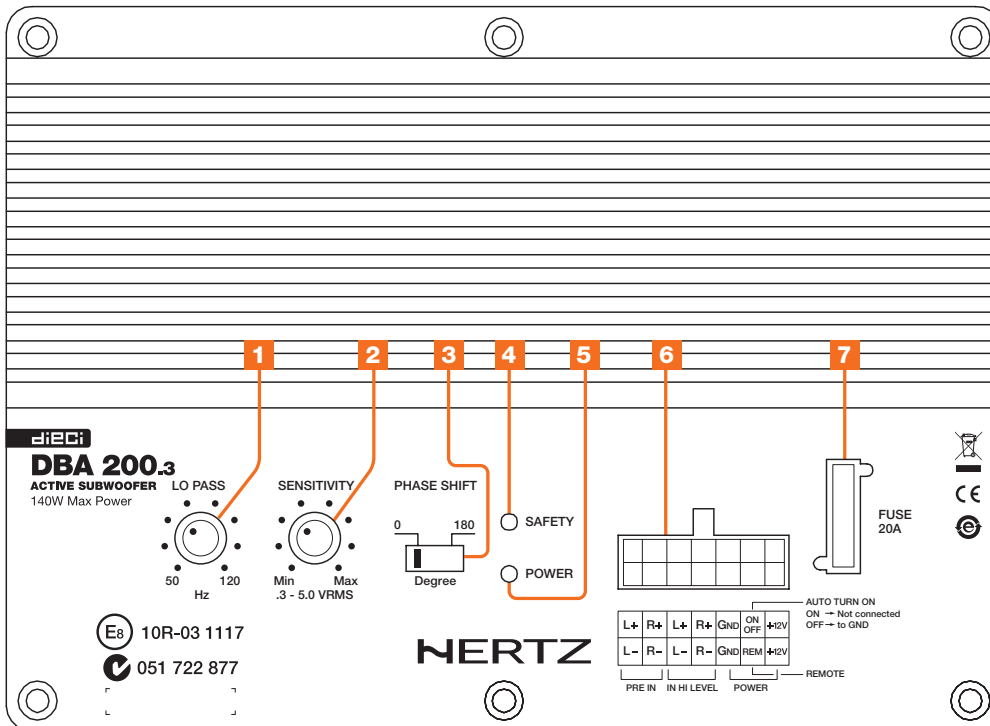
Distortion - THD (1kHz @ 4Ω):	0.05 %
Bandwidth (-3 dB):	35 ÷ 120 Hz
S/N ratio (A weighted @ 1V):	103 dBA
Damping factor (100 Hz @ 4Ω):	100
Input sensitivity (PRE IN):	0.3 ÷ 5 V RMS
Input sensitivity (HIGH IN):	1.2 ÷ 18 V RMS
Input impedance (PRE IN):	7k Ω
Input impedance (HIGH IN):	470 Ω
Output power (RMS) 14.4 VDC, 1% THD, 4Ω:	110 W
Max dynamic power:	140 W

Signal Inputs / Filters

Inputs:	Pre IN / Speakers IN
Filters (Full/Lo-Pass)	
Continuous adjustable:	50 ÷ 120 Hz @ 12 dB/Oct.
Subsonic (Hi-Pass) fixed:	35 Hz @ 24 dB/Oct.
Speakers polarity:	0 - 180°

Other Functions

Remote IN:	7 ÷ 15 VDC - 1 mA
Fuse:	20 A



- 1. **LO PASS:** Low-pass crossover adjustment (50 Hz - 120 Hz)
- 2. **SENSITIVITY:** Sensitivity adjustment
- 3. **PHASE SHIFT:** Phase control (0° - 180°)
- 4. **SAFETY:** Signal led for amplifier in protection mode
- 5. **POWER:** Signal led for amplifier in operation
- 6. **CONNECTOR:** Power supply input POWER IN and sound signal (Hi-Level, Low-Level)
- 7. **FUSE:** 20A Blade fuse