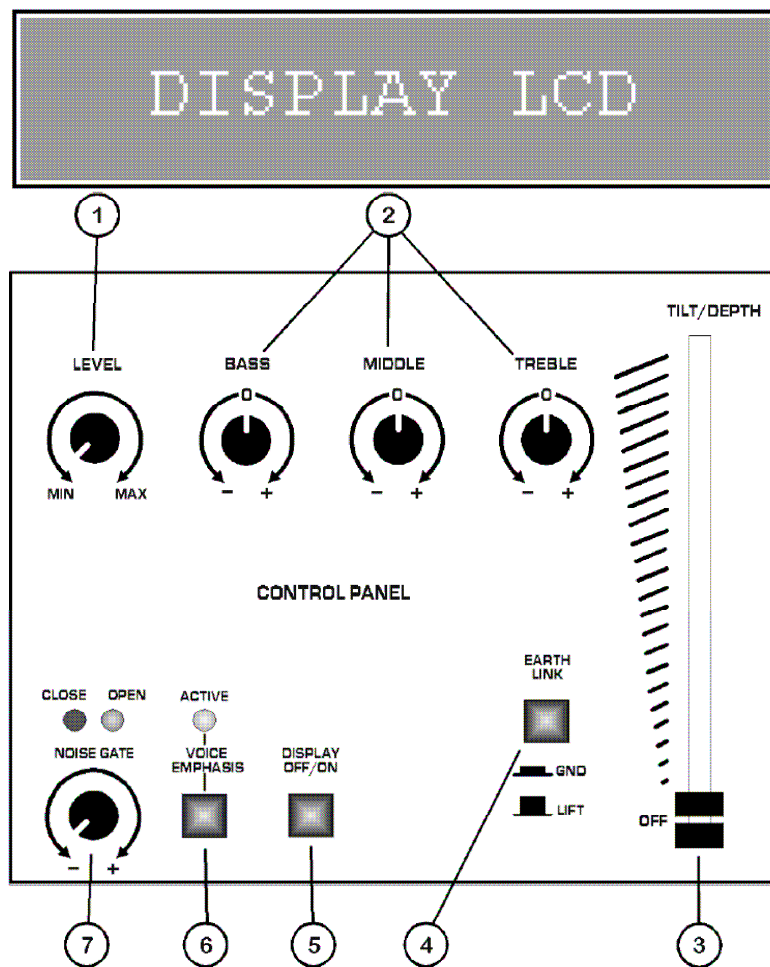


## BL Acoustics BSA DA202 Digitally Amplified Beam Shaped Array



1) - **LEVEL** - Control of the sound level. Adjusts the column's volume. During installation this command must be set to MAX position (factory setting).

2) - **BASS - MID - TREBLE** - Tone controls: bass, mid and treble. During installation, these commands must be set to 0 (factory setting).

3) - **TILT / DEPTH** - Changes the angle and depth of sound beam. Manages the acoustic beam of the column to optimize acoustic environments. During installation this command must be set to OFF position (factory setting).

4) - **GROUND LINK** - Button for the separation of the ground nodes (electronic circuit / cabinet) to eliminate possible hum due to ground loop.

5) - **DISPLAY ON / OFF** - Turn on/off the LCD backlight: useful to turn off the LCD backlight when the light emitted would be inappropriate.

6) - **VOICE EMPHASIS** - Button to improve intelligibility: Activate a special circuit that improves speech intelligibility. During installation this command must be set to the released position (factory setting, led OFF).

7) - **NOISE GATE** - Sets the threshold of the noise gate device. Change the threshold of the INTELLIGENT NOISE GATE device that eliminates background noises, when audio signal falls. During installation this command must be set in position + (factory setting) with GREEN LED ON and RED LED OFF (gate open)

<b>Total output power (peak / r.m.s.)</b>	180 / 120 watts
<b>Power amplifiers:</b>	4 x 30W (r.m.s.) H-Class technology with short circuit & overheat protection.
<b>Max output:</b>	90 dBspl @ 20 m.
<b>Frequency response:</b>	150 Hz – 16 KHz.
<b>Sound field coverage:</b>	150° horizontal 15° vertical
<b>System:</b>	analog processing with digital control high speed RISC processor.
<b>Input:</b>	balanced input sensitivity 0 dB impedance 10K ohm
<b>Volume control:</b>	Yes
<b>Low frequency equalizer</b>	+/- 10 dB @ 100 Hz.
<b>Mid frequency equalizer</b>	+/- 10 dB @ 3K Hz.
<b>High frequency equalizer</b>	+/- 10 dB @ 10K Hz.
<b>Dynamic phase corrector:</b>	on / off (push button)
<b>Digital envelope limiter:</b>	automatic operation
<b>Noise gate threshold:</b>	adjustable with leds indication
<b>Digital depth control:</b>	adjustable 60 mm. slider
<b>Visual control:</b>	LCD display 16 chrs. X 2 lines for monitoring, level bar and diagnostic.
<b>Temperature range:</b>	- 10° to + 40°
<b>Speakers:</b>	20 x 4" (100 mm.)
<b>Dimensions (mm.)</b>	h 2930 – w 145 – d 72
<b>Weight :</b>	Kg. 19 ca.
<b>Cabinet enclosure:</b>	Extruded aluminium with metallic mesh.
<b>Standard finishing:</b>	1013 RAL – ivory painting.



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