



musikelectronic geithain

BASIS 10



Active Bass Loudspeaker
in sealed enclosure



STUDIO MONITORING SYSTEMS

HIGHEND LOUDSPEAKER

SOUND REINFORCEMENT SYSTEMS



We have reimagined the compact subwoofer to create the perfect partner for our smallest loudspeakers. The BASIS10 not only impresses with its compact form factor, but also leaves nothing to be desired thanks to its remarkable low-end performance and innovative features.

With an amplifier power of 800W per channel, this subwoofer delivers powerful and precise bass. A dedicated channel allows for the connection of an additional passive subwoofer or passive loudspeaker. Expanding the setup with a second subwoofer enables a stereo bass configuration, which not only doubles the output but also simplifies placement within the listening environment. All channels are also equipped with configurable DSP filters, allowing the sound to be optimally adapted to the acoustic conditions of the room. The distance from the main speaker to the subwoofer can be compensated via a time delay adjustable up to 2000 ms.

Thanks to the optional Dante interface with built-in network switch, the BASIS10 is perfectly suited for professional audio setups. The input signals from the Dante audio stream can also be routed to the analog XLR outputs, making even analog studio monitors Dante-capable within this setup. The BASIS10 is not just a subwoofer, but a statement for the highest audio quality and flexibility.

Experience the perfect fusion of design, performance, and technology.

BASIS 10

Acoustic characteristics

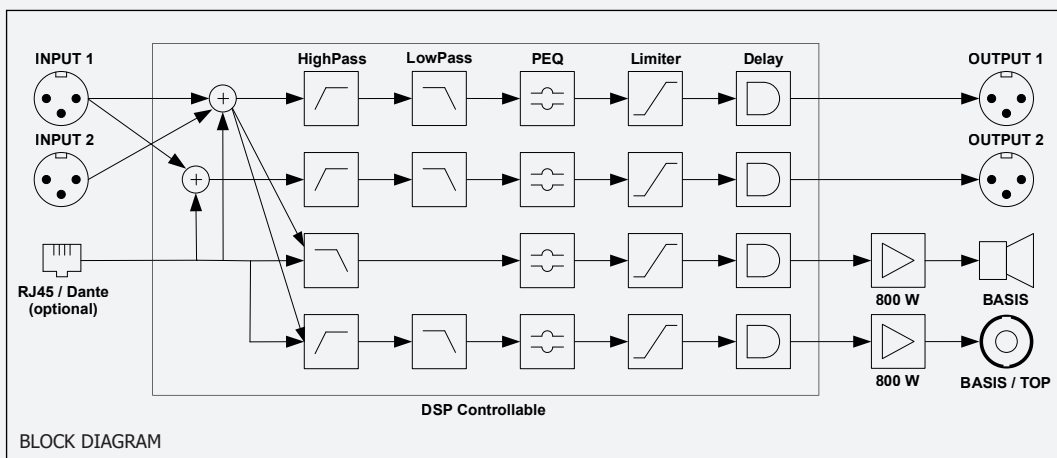
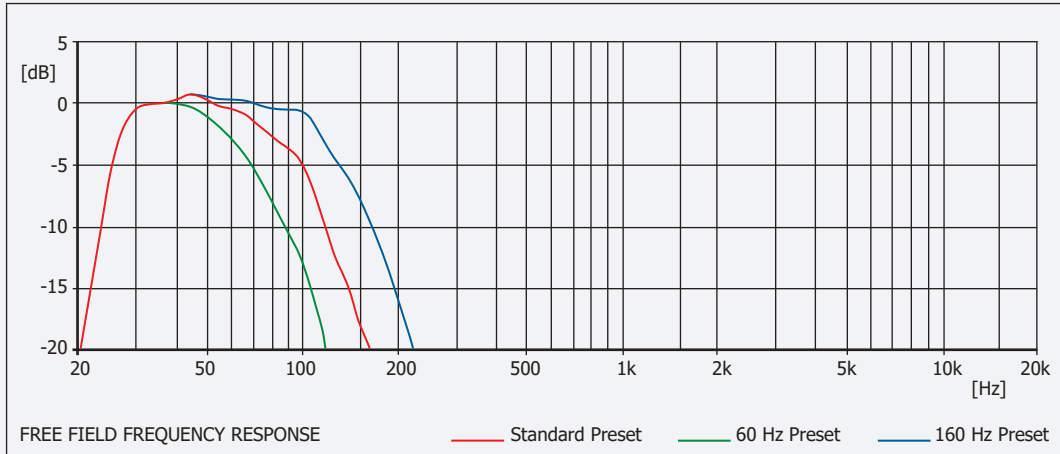
Application area	Bass extension for our nearfield monitors and high-end loudspeakers
Design	Subwoofer in sealed enclosure
Maximum SPL <i>measured at $f = 63\text{ Hz}$</i>	109 dB / $r = 1\text{ m}$ (3'3") (2 π)
Bandwidth (with standard preset)	25 Hz ... 100 Hz -6 dB (2 π)
Bass output level	adjustable
Distance correction	All channels delayable up to 2000m (667m or 2188.3ft)
Loudspeaker systems	200 mm (8") long-excursion driver

Electrical parameters

Maximum input level	+24 dBu
DSP crossover	LP: 24 dB/oct (configurable up to max. 48 dB/oct) HP: 12 dB/oct (configurable up to max. 48 dB/oct)
Output Power of PWM Power Module	2x 800 W / 4 Ω
Input connectors	2x XLR 3F analogue optional Dante via RJ45
Output connectors	3x XLR 3M 1x Speakon NL4 for satellite or passive subwoofer optional Dante via RJ45
Control inputs	2x RJ45 Ethernet (Dante option with integrated switch) 1x USB
Level and signal indicators	LED bar on the rear panel
Equalizer	10 free programmable filters per channel
Presets	100 programmable presets
Power requirements	80 V ... 264 V, 47 Hz ... 63 Hz
Mains connection	IEC power connector
Physical parameters	
Environmental conditions	
for use	+15 °C ... +35 °C (+59 °F ... +95 °F)
for storage	-25 °C ... +45 °C (-13 °F ... +113 °F)
humidity	45 % ... 75 %
Dimensions H x W x D	240 mm x 240 mm x 320 mm (9.5" x 9.5" x 12.6")
Weight	14.2 kg (31.4 lbs)
Cabinet and options	
Design of the cabinet	Cabinet and front panel in MDF black semi-gloss varnish; customisable cabinet in other colours or veneers on request; customisable front panel in other colours or solid wood on request

Other parameters

Calibration: <i>Acoustic output level / $P_E = -14\text{ dBu}$ and $f = 50\text{ Hz}$</i>	75 dB / $r = 1\text{ m}$ (3'3")
Output level H1, CH2	+12 dBu
Input impedance	$\geq 21\text{ k}\Omega$ RC balanced
Power consumption	max. 500 VA at full load



musikelectronic geithain gmbh

STUDIO MONITORING - HIGHEND LOUDSPEAKER - SOUND REINFORCEMENT SYSTEMS

Nikolaistraße 7
04643 Geithain / Germany

Tel: +49 (0) 34341 3110
Fax: +49 (0) 34341 31144

E-Mail: info@me-geithain.de

www.me-geithain.de