

Active High-End Subwoofer **[:log]**

Category: Regie, Mastering, LFE extension for home cinema o.ä.



The **[:log]**-module is a special kind of subwoofer: a matrix braced cabinet, more than 140 liters of volume, 500 watt ClassD amplifier, two 11" Thiel&Partner Accuton ceramic sandwich chassis with +/- 13mm stroke. The result is a dry, crisp, ultra-precise and level stable bass down to 36Hz.

The **[:log]**-Modul offers the possibility to drive one or two satellites (via one or two signal sources, if two sources are available the **[:log]**-Modul automatically sums up the two bass channels to one mono bass signal). The satellites are always driven full-range, without any additional filters in the signal path. This means that the **[:log]**-Modul simply adds the bass which the satellite cannot produce. CR OFF – turns the cross-over section off (the input signal goes to the amp without any filters)

The **[:log]**-Modul is equipped with a phase locked 6dB cross-over. The separation frequency to the satellite can be adjusted via calibrated plugin cards. The level of the **[:log]**-Modul can be damped by up to 12dB. Thus the **[:log]**-Modul can operate in conjunction with every satellite currently available on the market. Ideally the **[:log]**-Modul completes the **[:mono]** to the full 3way **[:monolog]**-system.

If only playback by the satellites is required the **[:log]**-Modul can be muted via a GPIO contact panel which can also be wired to a mixing console so that muting the subwoofers is done via the push of a button

The **[:log]**-Modul also works in home cinema applications as standalone subwoofer or as LFE-extension of any given satellite. Correct bass playback rounded up with nice looks and perfect finish – finally a subwoofer that does not have to remain hidden in a corner!

Model	[:log]-Modul
Type	Active subwoofer
Frequency-response	F3=36Hz (can be adjusted) Fmax <200Hz
Cross-over frequency	24dB/Okt., cross-over frequency can be adjusted between 50Hz and 150Hz via plug-in cards
Sensitivity	95dB/1W/1m using 2.83V
Max. SPL	121dB/1m
Impedance	3Ohm
Loudspeakerchassis & drivers	2 x 11" Accuton ceramic sandwich subwoofer
Input	2 x +6dBu, symmetrical XLR The Bass-level can be damped by 12dB
Output HP	2 x symmetrical XLR, full-range
Amplification	500 Watt ClassD amplifier from Bang & Olufsen
Internal wiring	PCOCC pure copper Kimber Kable "TC all clear"
Dimensions	310x660x950mm (width x depth x height)
Weight	70 kg
Special functions	Automatic bass mono summation (two sources) Bass MUTE via GPIO contact panel
Finish	Isoplate and cabinet in black Nextel® Black piano lacquer and other colors at extra cost.
Included in delivery	Power cord: PowerCon/Schuko, length 2,5m Installation and measurement on-site
Accessoires	[:brackets], massive loudspeaker feet milled from aluminum Neutrik HQ XLR connectors (gold plated contacts)
Warranty	Lifelong except burnt through voice coils.

All technical specifications are subject to change without notice.