



Gluon

Passive fixed install cabinet

This compact installation speaker holds a 1" silk dome HF driver loaded by a horn with uniform horizontal and vertical dispersion. The horn is optimally shaped to match a frontloaded 6,5" driver. Energy distribution is optimized by carefully matched 24 dB per octave filters build of air coils and MKP capacitors. The Gluon has a power handling of 80W RMS at 8 ohm and a maximum peak SPL of 115dB at 1m with a 45Hz-20kHz frequency range. The system has a coverage angle of 90 degrees horizontal and 60 degrees vertical with a uniform smooth roll-off.

The cabinet is constructed with a highly durable polymer strengthened by internal ribs. The total weight is 3.5 kg only. The Gluon comes with an NL-4 audio in and output connector with dual channel A/B switch selector, so it can be installed efficiently.

The system can be powered externally with up to 4 cabinets per channel, i.e. 8 cabinets on a stereo amplifier.

Acoustical specifications

Drivers	1 x 1", 1 x 6,5"
Freq. response	45Hz - 20kHz
Max. peak SPL @1m ¹	115dB
Coverage angle	90H, 60V deg. soft roll-off

Electrical specifications

Power handling (RMS)	80W @ 8Ω
Crossover	24 dB/oct
AMP Power (recom.)	160W @ 8Ω

¹Peak level at 1M under half space conditions using pink noise with crest factor 4 (12dB)

Additional descriptive data

Cabinet construction	Highly durable polymer
Finish	Black coating, white version also available
Weight	3.5 kg
Size WxHxD (mm)	210 x 300 x 195
Rigging points	4 fixing points M6 Mounting bracket (included)
Audio connectors	Switchable 2 channel NL4 (in/out)
Max. operating temp.	-10 to 40 C ambient