

# S O U N D P R O J E C T S

## Gluon



The sound reinforcement system shall hold a 1" HF driver on a horn with a horizontal dispersion of 90 degrees and a vertical dispersion of 60 degrees. Combined with a frontloaded 5" driver. The system shall have a powered handling of 80W RMS at 16 ohm and a maximum peak of 114dB at 1m. The system shall have a 45Hz-20kHz frequency range. The systems shall have a coverage angle of 90 degrees horizontal and 60 degrees vertical with a soft roll-off.

The cabinet shall be constructed of a highly durable polymer, covered by a protective polyurethane coating. The total weight shall be 3.2kg only. It shall have an NL-4 audio in and output connector with dual channel A/B switch selector.

The system shall be externally fed with up to 6 cabinets per channel, i.e. 12 cabinets on a stereo amplifier.

**Acoustical specifications:**

- Drivers: 1 x 1", 1 x 5"
- Freq. response: 45Hz-20kHz
- Max. peak SPL @1m: 114dB  
crest factor 2 (6 dB)
- Coverage angle: 90H, 60V deg. soft roll-off /  
rotatable horn

**Electrical specifications:**

- Power handling (RMS): 80W@16ohm
- AMP Power (recom.): 160W@16ohm

**Additional descriptive data:**

- Cabinet construction: highly durable polymer
- Finish: black/white polyurethane coating
- Weight: 3.2 kg
- Size WxHxD (mm): 190x285x155
- Rigging points: two fixing points M8 +  
bracket (included)
- Audio connectors: switchable 2 channel NL4  
(in/out)
- Max. operating temp.: -10 to 40 C ambient

*Specifications subject to change without notice*

