

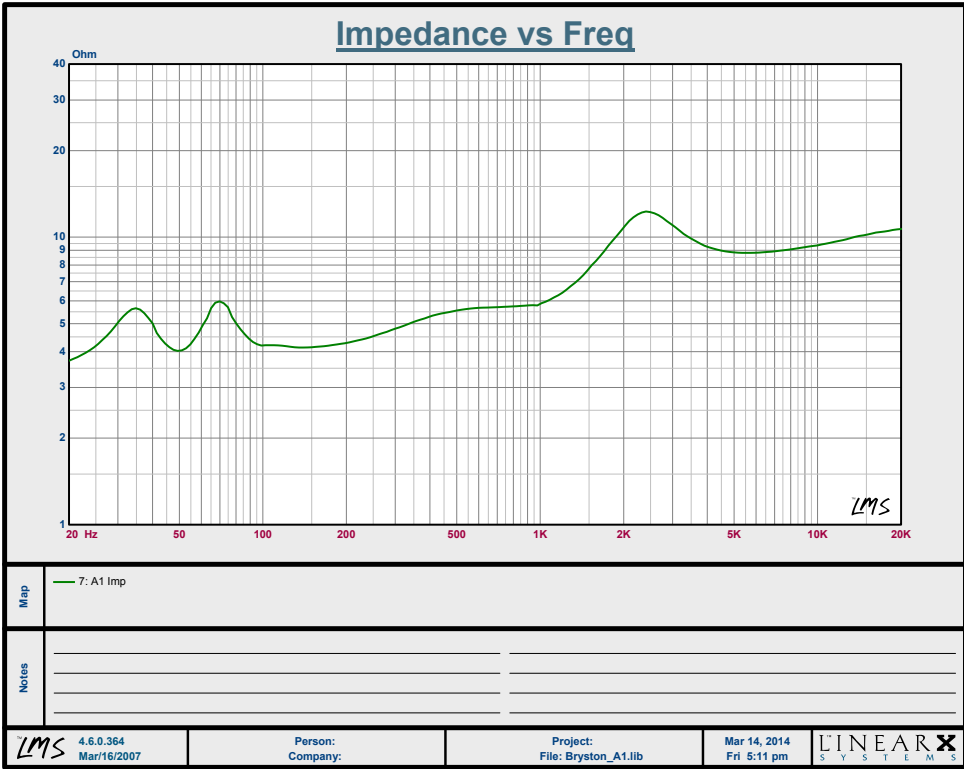
BRYSTON

Model A1 Loudspeaker | Specifications



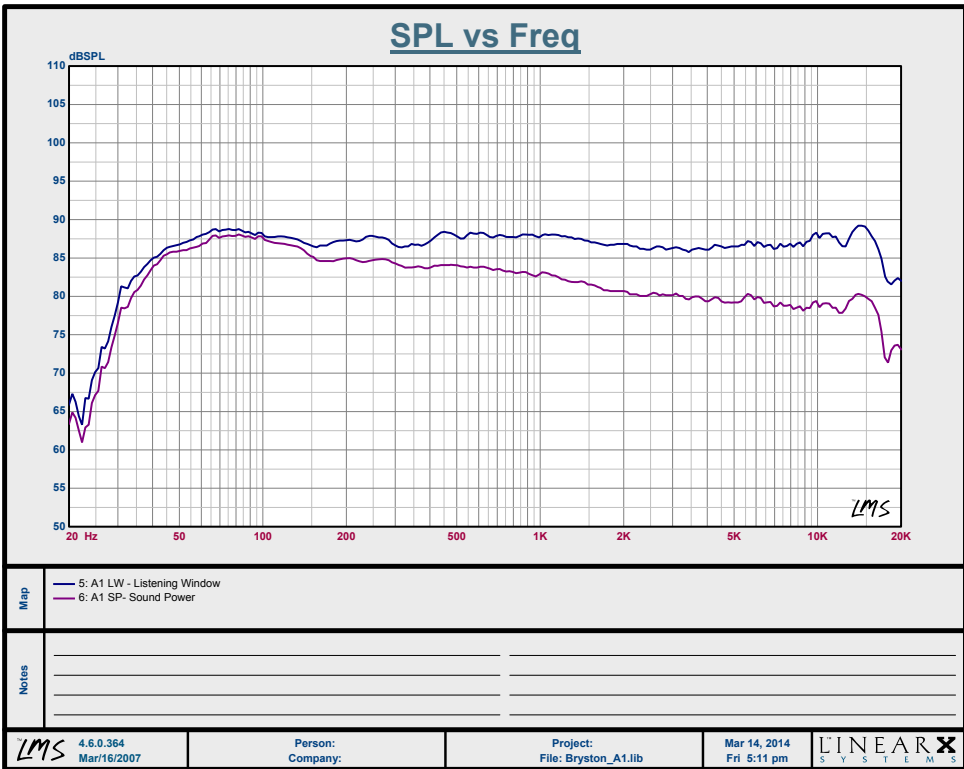
All Bryston Loudspeakers are engineered to achieve a variety of scientific goals which directly correlate with audible transparency and accuracy. Drivers and crossover networks are pure and capable of very high power handling without distortion. Cabinets are robust and do not exhibit resonances which smear detail and color the desired tone. Superb real-world performance is achieved because we carefully examine the frequency response both within the listening window - the area in front of the speaker, and the entire sound power envelope which is the spherical surrounding it. Attention to the latter results in loudspeakers which fill all areas of the room with sound free of colorations or major disruptions in tonal fidelity. Therefore, our speakers are remarkably easy to position within practical listening rooms.

	Model A1
Frequency Response ($\pm 3\text{dB}$)	31Hz - 20kHz
Sensitivity (2.83V, 1m, anechoic)	88dB
Nominal Impedance	4 Ohms
Crossover	3-Way
No. Drivers	3-Bass, 2-Midrange, 2-Tweeter
Size (H x W x D)	47.5 x 9.25 x 17 in. 120.7 x 23.5 x 43.2 cm.
Weight (unpacked)	70 lbs. 32 kgs.
Min/Max Rec. Power	10 - 400 Watts RMS
Max SPL @ 1m	114dB



Notes on Impedance

Nominal impedance is rated at 4 ohms. Note that the minimum impedance is approximately 3.75 ohms and occurs at the bottom of the audio band. From approximately 24Hz and above, the impedance remains above 4 ohms. The best performance will be obtained with amplifiers able to deliver high current, but nothing about the measurements suggests it is a difficult model to drive.



Notes on Listening Window and Sound Power

The listening window, response remains remarkably flat suggesting superb tonal neutrality throughout the entire audio band into the bottom audible octave. The sound power plot tracks the listening window plot very well and exhibits excellent parity. Therefore any energy reflected around the listening room will bear the same neutrality as the direct sound and should only be colored by the absorptive character of the environment.