
Subject: SPL rating affected by horn?

Posted by [tom-m](#) on Sat, 02 Oct 2021 14:51:34 GMT

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Hi all,

Do different horns change the combined SPL of a compression driver horn combo?

More specifically, does a narrower horn, say a 60 degree horizontal horn versus a 90 degree horizontal horn change the 1 watt at 1 meter SPL? Same compression driver.

Since the narrower horn is concentrating the output energy, would it have a higher SPL measurement at 1 watt? If so, how much higher on average?

Thanks,
Tom
