

## SC 615M horn speaker sound pressure level chart

As an index to express the intensity of sound from a speaker sound pressure level (dB) is generally used. The sound pressure level rises as the electrical input to the speaker increases and falls as the distance from the speaker increases.

The below chart shows the approx sound pressure level achieved at varying distances and electrical inputs (w)

Distance from speaker (m)		1	2	5	10	15	20	30	40	60	80
Electrical input (w)	1	112dB	106dB	98dB	92dB	89dB	86dB	82.5dB	80dB	76.4dB	73.9dB
	1.5	114.6dB	108.6dB	100.6dB	94.6dB	91.6dB	88.6dB	85.1dB	82.6dB	79dB	76.5dB
	3	116.8dB	110.8dB	102.8dB	96.8dB	93.8dB	90.8dB	87.3dB	84.8dB	81.2dB	78.7dB
	5	119dB	113dB	105dB	99dB	96dB	93dB	89.5dB	87dB	83.4dB	80.9dB
	6	119.8dB	113.8dB	105.8dB	99.8dB	96.8dB	93.8dB	90.3dB	87.8dB	84.2dB	81.7dB
	10	122dB	116dB	108dB	102dB	99dB	96dB	92.5dB	90dB	86.4dB	83.9dB
	15	123.8dB	117.8dB	109.8dB	103.8dB	100.8dB	97.8dB	94.3dB	91.8dB	88.2dB	85.7dB