DESCRIPTION

Algo manufactures three IP Horn Speakers with identical appearance. Two IP Speakers, the 8186 IP PoE Horn speaker and the 8196 IP PoE+ Horn Speaker as well as the 1196 Satellite Horn Speaker. The 8186 is a standard PoE IP speaker and is ideal for many applications. The 8196 is designed for PoE+ power and provides added benefits and cost reduction with Algo's Satellite Speaker Technology, as up to three 1196's may be connected to each 8196 on one single network drop. Below is a summary of the power and audio output of each speaker in a variety of configurations, including how many Satellite speakers are attached.

			Vol 10	Vol 9	Vol 8	Vol 7	Vol 6	Vol 5
8186	**PoE**	Watts (rms)	8	4	2	1	0.5	0.25
		dBA SPL (at 1m)	116	113	110	107	104	101

			Vol 10	Vol 9	Vol 8	Vol 7	Vol 6	Vol 5
8196	**PoE+**	Watts (rms)	16	8	4	2	1	0.5
		dBA SPL (at 1m)	119	116	113	110	107	104
		Total	**16W**					

			Vol 10	Vol 9	Vol 8	Vol 7	Vol 6	Vol 5
8196 + 1 x 1196 *(Per Speaker)*	**PoE+**	Watts (rms)	8	4	2	1	0.5	0.25
		dBA SPL (at 1m)	116	113	110	107	104	101
		Total	**16W**					

			Vol 10	Vol 9	Vol 8	Vol 7	Vol 6	Vol 5
8196 + 2 x 1196 *(Per Speaker)*	**PoE+**	Watts (rms)	5.3	2.7	1.35	0.68	0.34	0.17
		dBA SPL (at 1m)	114	111	108	105	102	99
		Total	**16W**					

			Vol 10	Vol 9	Vol 8	Vol 7	Vol 6	Vol 5
8196 + 3 x 1196 *(Per Speaker)*	**PoE+**	Watts (rms)	4	2	1	0.5	0.25	0.125
		dBA SPL (at 1m)	113	110	107	104	101	98
		Total	**16W**					

The Algo 8196 may also run on PoE power, providing 8Ws of power for the system. Below is a summary of power and audio output when utilizing PoE power.

			Vol 10	Vol 9	Vol 8	Vol 7	Vol 6	Vol 5
8196	**PoE**	Watts (rms)	8	4	2	1	0.5	0.25
		dBA SPL (at 1m)	116	113	110	107	104	101
8196 + 1 x 1196 *(Per Speaker)*	**PoE**	Watts (rms)	4	2	1	0.5	0.25	0.125
		dBA SPL (at 1m)	113	110	107	104	101	98
		Total	**8W**					
8196 + 2 x 1196 *(Per Speaker)*	**PoE**	Watts (rms)	2.7	1.4	0.7	0.35	0.175	0.088
		dBA SPL (at 1m)	111	108	105	102	99	96
		Total:	**8W**					
8196 + 3 x 1196 *(Per Speaker)*	**PoE**	Watts (rms)	2W	1W	0.5W	0.25W	0.125W	62mW
		dBA SPL (at 1m)	110	107	104	101	98	95
		Total	**8W**					