

How much coverage does one 8180 SIP Audio Alerter provide?

There is no simple answer to this question but here are a few fast guidelines for maximum listener distance for different ambient noise levels:

Environment	SPL (dBA)	Effect	Loud Ringing		Voice Paging	
			8180 Alone	8180 + 1185 Horn Speaker	8180 Alone	8180 + 1185 Horn Speaker
Home or Quiet Warehouse	50-55	Sounds are easily heard	>250m (820 Feet)	Horn not required	64m (210 Feet)	>250m (820 Feet)
Normal Conversation, Office	60-65	Voices easily understood	128m (420 Feet)	>250m (820 Feet)	32m (105 Feet)	64m (210 Feet)
Factory, Busy Restaurant, Vacuum Cleaner	70-75	Voices raised	32m (105 Feet)	128m (420 Feet)	8m (26 Feet)	32m (105 Feet)
Machine Shop, Screaming Child	80-90	Conversation is difficult, hearing protection possibly worn	8m (26 Feet)	32m (105 Feet)	2m (6.5 Feet)	4m (13 Feet)

For 8180 at maximum volume and ambient noise measured at listener location. Voice paging distance limits assume average speech level 12dB below peak.