



# AHD Speakers, Enclosures



## AHD Speakers - Round

Model	Size	Imp (Ohm)	Pwr (W)	Notes
AHD 0.50 Dia Speaker	13 mm (0.5") dia, 3 mm (0.125") H	8	0.1	This is the smallest speaker we have for DCC. The sound output is acceptable. Use when there are no other choices. Use 5 Ohm 1/2 W resistor in series with either Soundtraxx speaker lead to protect from overload! N & HO scales.
AHD 0.63 Dia Speaker	16 mm (0.63") dia, 3 mm (0.125") H	8	8	0.1 This speaker produces good volumes when properly enclosed in AHD Enclosure and fits in HO, narrow body diesels and N tenders.
AHD 0.75 Dia Speaker	19 mm (0.75") dia, 3 mm (0.125") H	8	8	0.1 Produces good volumes when properly enclosed in AHD Enclosure. We also use two speakers, back to back. Suitable for N scale steam tenders and almost all HO narrow body diesels. Use 5 ohm resistor as stated above. N & HO scales.
AHD 1.00 Dia Speaker	25 mm (1.0") dia, 5.1 mm (0.2") H	8	0.1	This is good choice for HO modelers. Produces great sound in many HO Diesels when used with AHD Enclosure and most HO steam using the tender for enclosure. This may fit where the 1.10" below may not! HO & larger scales.
AHD 1.10 Dia Speaker	28 mm (1.1") dia, 5.1 mm (0.2") H	8	0.1	This is the # 1 choice for HO modelers. Produces great sound in many HO Diesels when used with AHD Enclosure and most HO steam using the tender for enclosure. Use 5 Ohm resistor as above. HO & larger scales.
AHD 1.20 Dia Speaker	30 mm (1.2") dia, 5.1 mm (0.2") H	8	0.1	This is good choice for large HO Steam tenders Produces great sound. Use 5 Ohm resistor as above. HO & larger scales.

## AHD Speakers - Oval

Model	Size	Imp (Ohm)	Pwr (W)	Notes
AHD Mini Oval Speaker	24 x 14 mm (0.95" x 0.55"), 4 mm (0.16") H	8	0.4	Suitable for narrow hood, HO Diesels and some N Steam tenders!
AHD Small Oval Speaker	35 x 16 mm (1.38" x 0.63"), 8 mm (0.32") H	8	1.0	Suitable for narrow hood, HO Diesels.
AHD Medium Oval Speaker	35 x 20 mm (1.38" x 0.79"), 8 mm (0.32") H	8	0.3	This speaker is perfect for narrow HO tenders and some HO narrow diesels especially with dynamic brake fairings. HO and larger scales.
AHD Large Oval Speaker	40 x 28 mm (1.57" x 1.10"), 11 mm (0.43") H	8	1.0	This speaker is the #1 choice for HO steam tenders and some wide cab HO diesels. It provides maximum output available for HO and also works well in larger scales.

## AHD Speaker Enclosures for Round Speakers

Model	Dia	Height	Application
0.50	0.63 in, 16 mm	0.3 & 0.5 inch, 7.62 & 12.7 mm	Fits the AHD 0.5" speaker, comes with two height options.
0.63	0.69 in, 18 mm	0.29 & 0.5 inch, 7.4 & 12.7 mm	Fits the AHD 0.63" speaker, comes with two height options.
0.75	0.87 in, 22.1 mm	0.23 & 0.44 inch, 5.8 & 11.2 mm	Fits the AHD 0.75" speaker, comes with two height options.
1.00	1.12 in, 28.5 mm	0.3 & 0.5 inch, 7.62 & 12.7 mm	Fits the AHD 1.0" speaker, comes with two height options.
1.10	1.2 in, 30.5 mm	0.31 & 0.51 inch, 7.9 & 13 mm	Fits the AHD 1.1" speaker, comes with two height options.
1.20	1.25 in, 31.75 mm	0.47 & 0.79 inch, 12 & 20 mm	Fits the AHD 1.2" speaker, comes with two height options.

## AHD Speaker Enclosures for Oval Speakers

Model	Dia	Height	Application
Mini	.62 X 1.05 in, 15.8 X 26.7 mm	0.25 in, 6.35 mm	Fits the AHD Mini Oval speaker.
Small	.7 X 1.45 in, 17.8 X 36.8 mm	0.34 in, 8.64 mm	Fits the AHD Small Oval speaker.
Medium	.86 X 1.65 in, 21.9 X 41.9 mm	0.4 in, 10.16 mm	Fits the AHD Medium Oval speaker.
Large	1.2 X 1.65 in, 30.5 X 41.9 mm	0.5 in, 12.7 mm	Fits the AHD Large Oval speaker.