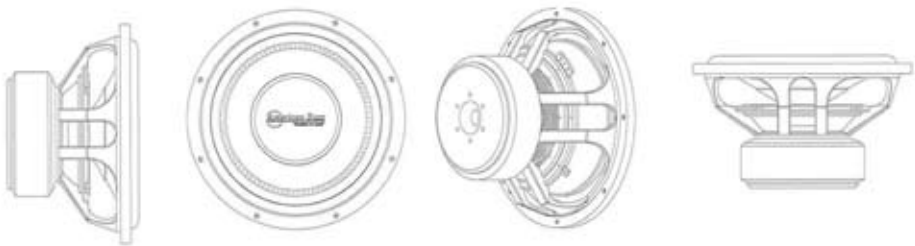
American Bass
"Excellence In Sound"
1 800 798 9311
www.americanbassusa.com
31200 SOLON ROAD,SUIT 18,SOLON,OH 44139 PH:(216) 662-2525

Congratlations!thank you for choosing *American Bass* speakers. We are proud to introduce these exciting new lines of outstanding sounding products. Our engineering team utilizes innovative technology to bring you the absolute best performance, sounding quality,reliability and value.

HDxxD1A/D2A Subwoofers Features

*Heavy duty die cast basket with black power finish;
*Kevlar fiber reinforced non-press paper composite cone;
*Hi-roll high density foam surround with silver stitching;
*3" hi-temp 4-layer flat aluminum wire voice coil on aluminum bobbin;
*4pcs double black poly-cotton spiders with mirror-image layout spaced by spider ring,double thick tinsel stitched on spider;
*Triple stacked 100oz strontium magnets (300oz total);
*1-pc technology T-yoke for maximum excursion;
*Voice coil direct cooling design motor;
*10-gauge pure copper power cable for direct connecting;
*Rubber gasket and rubber magnet boot;
*Dual 1ohm/2ohm impedances;
*2500W RMS power,5000W Max power.



WARNING

manently damage your hearings! Turning up a system to a level that has audible distortion is — ore damaging to your ears than listening to an undistorted system at the same volume level. The threshold of pain is always an indicator that the sound level is too loud and may permanently damage your hearing. Please use common sense when controlling volume.

American Bass

"Excellence In Sound"

HDxxD1A (Dual 1-ohm) Subwoofer T/S Parameters

	Imp	POWER	VC	Dcr	Fs	SD	BL	Qms	Qes	Qts	n	SPLo	Vas	Cms	Mms	Mmd	Xmax	Xmech	AGH
MODEL	ohm	RMS W	size	ohm	Hz	msqM	Tm					dB	L	μm/N	g	g	±mm	mm	mm
HD10D1A	2	2500	3.0"	1.6	48.2	33.0	16.1	3.619	0.383	0.346	0.338	87.2	9.2	59.3	156.5	153.1	17.5	40	20
HD10D1A	0.5	2500	3.0"	0.4	48.3	33.0	7.8	3.612	0.368	0.335	0.307	86.9	8.7	56.1	161.7	158.2	17.5	40	20
HD12D1A	2	2500	3.0"	1.6	40.8	51.1	14.5	4.432	0.371	0.342	0.491	88.9	27.7	74.8	203.3	196.7	17.5	40	20
HD12D1A	0.5	2500	3.0"	0.4	41.6	51.1	6.8	4.943	0.434	0.399	0.462	88.7	28.6	77.3	186.6	182.0	17.5	40	20
HD15D1A	2	2500	3.0"	1.6	39.4	80.4	16.1	3.584	0.437	0.390	0.823	91.2	50.8	54.1	235.1	221.9	17.5	40	20
HD15D1A	0.5	2500	3.0"	0.4	39.8	80.4	7.6	3.521	0.451	0.400	0.920	91.7	51.0	55.6	237.4	224.2	17.5	40	20
HD18D1A	2	2500	3.0"	1.6	36.0	119.5	14.1	4.207	0.487	0.436	1.360	93.4	147.3	72.7	269.5	245.8	17.5	40	20
HD18D1A	0.5	2500	3.0"	0.4	35.1	119.5	7.9	2.921	0.390	0.344	1.432	93.6	148.4	73.2	265.1	241.3	17.5	40	20

*Above parameters are tested after each subwoofer was break-ined with 80V 50Hz input with 2ohm load for 32hours.
*AGH: Air Gap Height.

HDxxD2A (Dual 2-ohm) Subwoofer T/S Parameters

	Imp	POWER	VC	Dcr	Fs	SD	BL	Qms	Qes	Qts	n	SPLo	Vas	Cms	Mms	Mmd	Xmax	Xmech	AGH
MODEL	ohm	RMS W	size	ohm	Hz	msqM	Tm					dB	L	μm/N	g	g	±mm	mm	mm
HD10D2A	4	2500	3.0"	3.2	49.6	33.0	20.5	4.172	0.402	0.366	0.311	86.9	8.9	57.4	159.5	156.1	17.5	40	20
HD10D2A	1	2500	3.0"	0.8	49.1	33.0	9.8	3.880	0.419	0.379	0.333	87.2	9.1	58.9	147.0	143.6	17.5	40	20
HD12D2A	4	2500	3.0"	3.2	41.9	51.1	20.0	3.797	0.418	0.377	0.525	89.2	25.1	67.8	185.4	178.8	17.5	40	20
HD12D2A	1	2500	3.0"	0.8	41.7	51.1	10.1	3.592	0.413	0.371	0.522	89.2	25.0	67.4	188.0	181.4	17.5	40	20
HD15D2A	4	2500	3.0"	3.2	38.4	80.4	19.8	4.276	0.515	0.460	0.857	91.3	52.0	56.6	226.5	213.4	17.5	40	20
HD15D2A	1	2500	3.0"	0.8	38.8	80.4	9.9	3.946	0.518	0.458	0.851	91.3	52.0	56.6	226.7	213.5	17.5	40	20
HD18D2A	4	2500	3.0"	3.2	35.5	119.5	21.7	3.440	0.428	0.380	1.457	93.7	144.3	71.2	282.7	258.9	17.5	40	20
HD18D2A	1	2500	3.0"	0.8	35.7	119.5	9.6	3.799	0.534	0.468	1.202	92.8	145.8	71.9	276.3	252.5	17.5	40	20

*Above parameters are tested after each subwoofer was break-ined with 100V 50Hz input with 4ohm load for 32hours.
*AGH: Air Gap Height.

HDxxD1A/HDxxD2A DIMENSIONS

Dimensions	Value	HD10D1A/D2A		HD12D1A/D2A		HD15D1A/D2A		HD18D1A/D2A	
Diameter A	mm	275	275	325	325	395	395	470	470
Diameter B	mm	263	263	303	303	375	375	442	442
Diameter C	mm	235	235	288	288	350	350	422	422
Diameter D	mm	226	226	226	226	226	226	226	226
Depth E	mm	95	95	95	95	95	95	95	95
Depth F	mm	20	20	17	17	17	17	18	18
Depth G	mm	196	196	195	195	207	207	247	247
Depth H	mm	225	225	223	223	237	237	280	280
Vd	L	5.7	5.7	6.7	6.7	8.4	8.4	12.4	12.4