TRITON

NS SERIES SUBWOOFERS

NS10S4, NS10D4, NS12S4, NS12D4



NS10D4/NS12D4

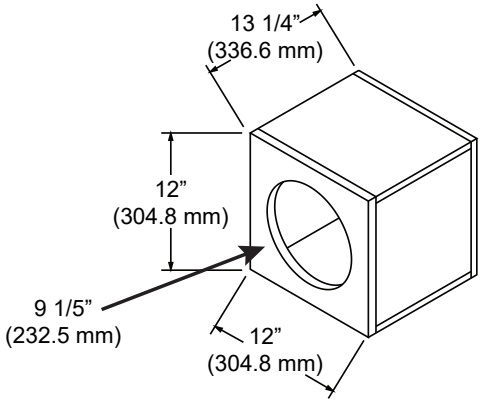


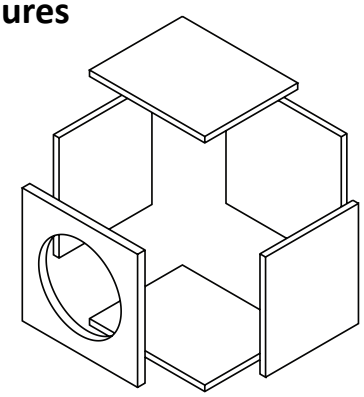
NS10S4/NS12S4

TRITON NS SUBWOOFER SPECS

	UNITS	NS10S4	NS10D4	NS12S4	NS10D4
THIELE SMALL PARAMETERS					
Resonant Frequency (fs)	Hz	36	35	34	31
Mechanical Q (Qms)		5.9	3.81	4.3	4.61
Electrical Q (Qes)		0.65	0.8	0.74	0.9
Total Q (Qts)		0.58	0.66	0.63	0.76
Sensitivity	dB	84.7	83.2	85.3	84.4
Xmax Linear	in.	0.394	0.394	0.394	0.394
Xmax Mechanical	in.	0.866	0.866	0.866	0.866
Displacement	cf.	0.24	0.24	0.366	0.366
Air volume of suspension (Vas)	cf.	0.889	0.896	1.46	2.048
Moving Mass (Mms)	g	137.9	149.9	220.2	200.3
Suspension Compliance (Cms)	mmN	136	137	97	136
Effective piston area (Sd)	SqCm	363.05	363.05	551.03	551.03
Motor Strength (Bl)	TM	13.28	8.4	15.36	8.6
VOICE COIL & MAGNET					
Impedance Series	ohms	4	8	4	8
Impedance parallel	ohms	4	2	4	2
DCR	ohms	3.4	3.4	3.4	3.4
Voice coil diameter	in.	2	2	2	2
RMS Power	Watts	300	300	300	300
Peak Power	Watts	600	600	600	600
Magnet diameter	in.	5.5	5.5	5.5	5.5
PHYSICAL DIMENSIONS					
Mounting depth	in.	5.04	5.04	5.39	5.39
Cutout Diameter	in.	9.134	9.134	10.985	10.985
Frame Frame Outside Diameter	in.	10.315	10.315	12.4	12.4

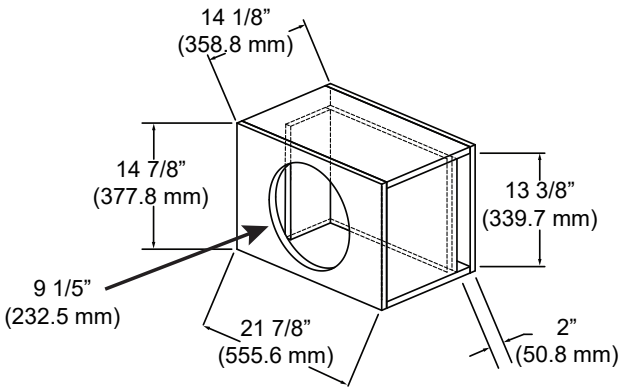
NS10S4/D4 Recommended Sealed Enclosures

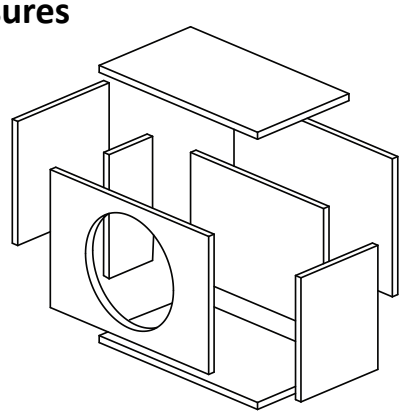




Net Internal Volume: 0.75 ft³

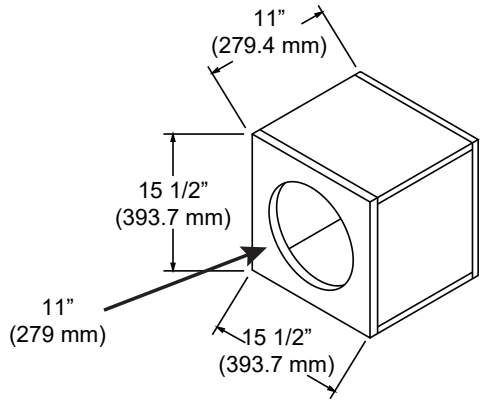
NS10S4/D4 Recommended Vented Enclosures

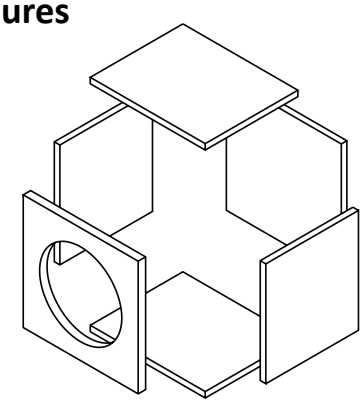




Net Internal Volume: 2.00 ft³

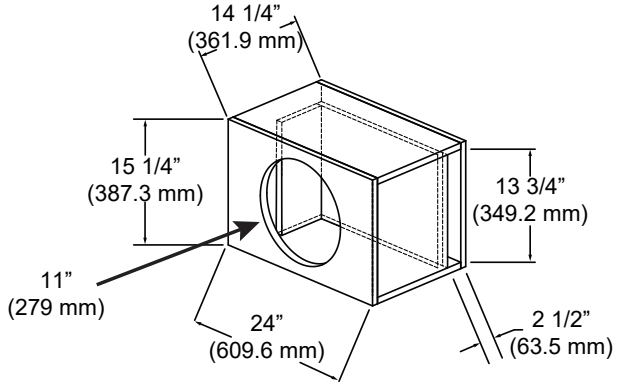
NS12S4/D4 Recommended Sealed Enclosures

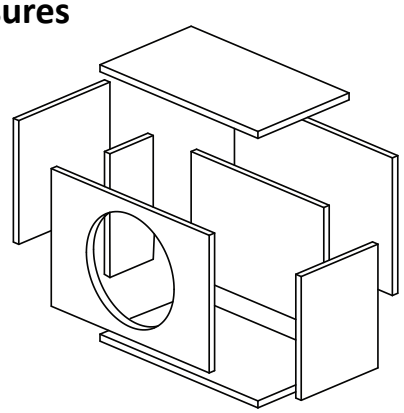




Net Internal Volume: 1.00 ft³

NS12S4/D4 Recommended Vented Enclosures

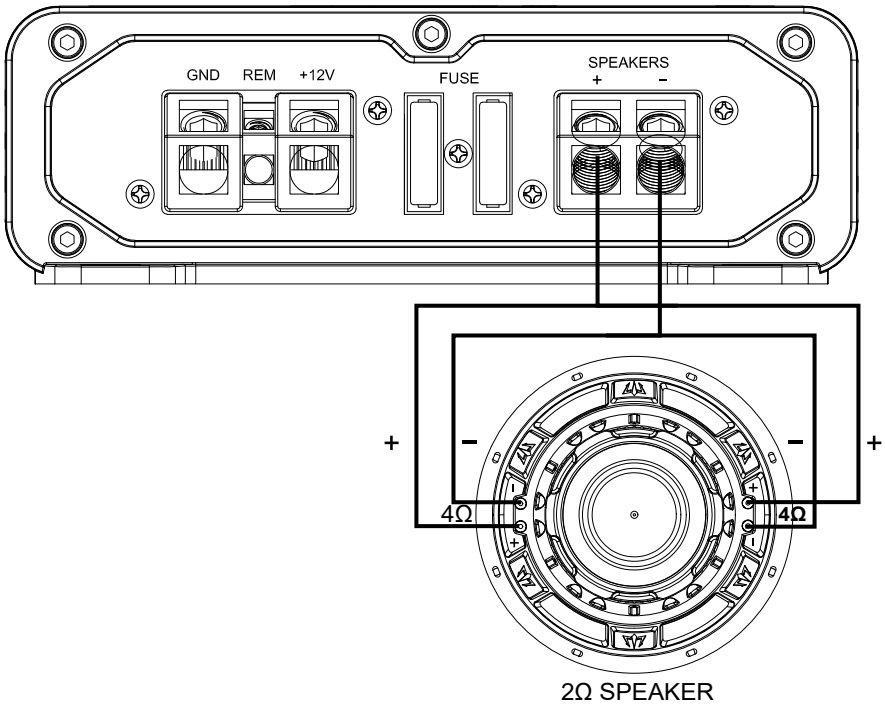




Net Internal Volume: 2.32 ft³

Wiring Options

NS10D4/NS12D4



NS10S4/NS12S4

