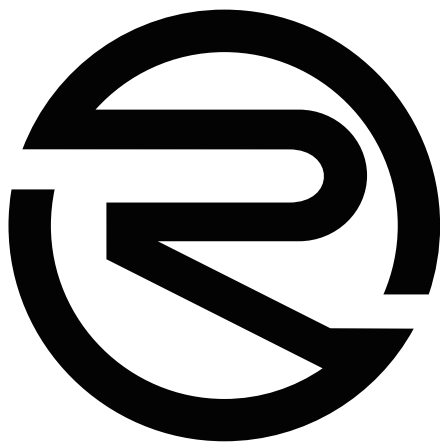




RECOIL[®]

LW8S4/LW10S4/LW12S4

Level-3 Series Subwoofer 8/10/12-inch

User Manual

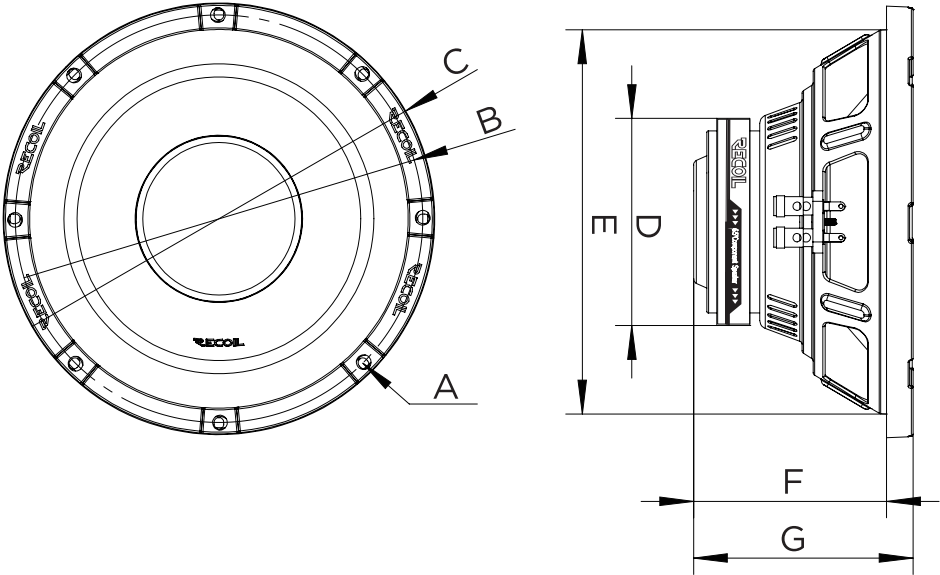
INSTALLATION

Congratulations on your purchase of our product! We hope that RECOIL AUDIO will delight you with impressive performance. In the production of our speakers, high-quality components and ultramodern materials are used. This manual contains the basic instructions required for the correct installation and use of the system. Before installing the components, please read all instructions in this manual carefully. Failure to follow instructions can result in unintentional damage or product damage.

SPECIFICATIONS

	LW8S4	LW10S4	LW12S4
Size(Inch)	8	10	12
RMS Power(W)	120	160	200
Max Power(W)	240	320	400
Peak Power(W)	360	480	600
Nominal Re (Ω)	4	4	4
Minimum Re (Ω)	3.6	3.6	3.6
Sensitivity (1W/M)	85 dB	86 dB	86 dB
Frequency Range (Hz)	45-800	43-600	40-500
Voice Coil Diameter(Inch)	1.5"	2"	2"
Cone Material	Pressed Paper Fiber		
Suspension Material	Nitrile Butadiene Rubber		
Coil Material	ASV		
Ferrite Magnet (OZ)	28.8	32.7	32.7

Dimension:



Item	LW8S4	LW10S4	LW12S4
A	8-φ5.5	8-φ5.5	8-φ5.5
B	φ198	φ246	φ295
C	φ214	φ260.5	φ315
D	φ121	φ126	φ126
E	φ182	φ232	φ281
F	101	116.5	126
G	114	132.5	144

(mm)

THIELE- SMALL PARAMETERS

	LW8S4	LW10S4	LW12S4
Fs (Hz)	48	48	43
Re (ohm)	3.6	3.6	3.6
Qes	0.79	1.02	0.97
Qms	4.79	4.66	3.35
Qts	0.68	0.84	0.75
Vas (L)	13.5	22.8	35.6
Sd (cm2)	213.8	346.4	530.9
X max (mm)	10.5	10.5	11.5
Mms (g)	53.3	80	153.5
Bl (Tm)	8.5	9.3	12.4
No (%)	0.18	0.25	0.29
CMS (uM/N)	208.69	133.6	89