



KICKER[®]

SOLO CLASSIC SUBWOOFER

S8C / S10C / S12C / S15C

English Version

*Versión Español
Subwoofer Solo Classic
Manual del Propietario*

*Deutsche Version
Solo Classic Subwoofer
Benutzerhandbuch*

*Version Française
Haut-parleur d'extrêmes graves Solo Classic
Manuel d'utilisation*

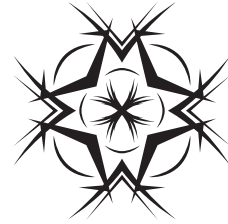
Models: **S8C / S10C / S12C / S15C**

Authorized KICKER Dealer: _____

Purchase Date: _____

Speaker Model Number: _____

Speaker Serial Number: _____

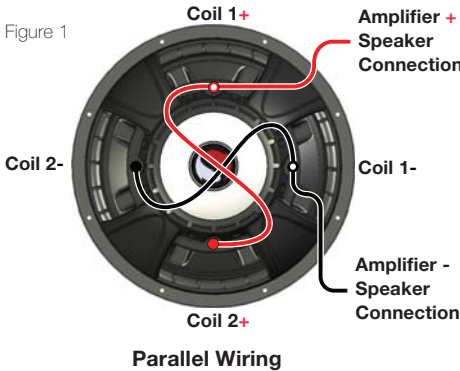


The KICKER Solo Classic subwoofers are built to bring you the best quality bass in a limited space, such as behind the seat of your truck or in the hatchback of your car, leaving you with plenty of storage space while offering high-performance and high-SPLs in smaller, sealed enclosures.

WIRING

Solo Classic subwoofers are available with dual 2Ω (ohm) or dual 4Ω voice coils. Both coils must be connected to a source of amplification. The dual 2Ω woofer will generate a 1Ω load if the coils are wired in parallel (make certain that your amp is 1 Ω stable) or a 4Ω load if wired in series. The dual 4Ω woofer will provide a 2Ω load when wired in parallel or an 8Ω load when wired in series. The terminals with the white dots are for the first voice coil. The terminals with the solid-red and solid-black markings are for the second voice coil. See Figures 1 and 2.

Figure 1

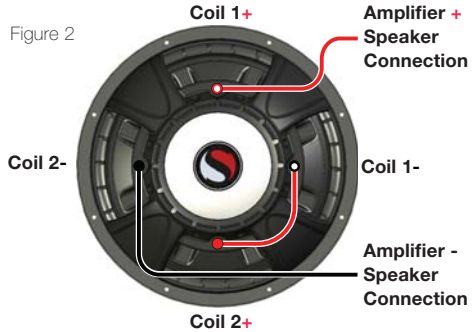


Dual 2Ω Voice Coils = 1Ω Load
Dual 4Ω Voice Coils = 2Ω Load

Series Wiring

Dual 2Ω Voice Coils = 4Ω Load
Dual 4Ω Voice Coils = 8Ω Load

Figure 2



SPECIFICATIONS

Model	S8C	S10C	S12C	S15C
Nominal Impedance [Zn], ohm [per coil]	2 or 4	2 or 4	2 or 4	2 or 4
Resonance Frequency [fs], Hz	38	27.7	26	18
Power Handling Watts, Peak (RMS)	600 (300)	900 (450)	1200 (600)	1500 (750)
Sensitivity [SPLo], dB @ 1W, 1m	82.7	86.2	87.2	88
Total Q-Factor [Qts]	.567	.368	.464	.391
Mechanical Q-Factor [Qms]	11.65	10.63	10.19	9.74
Electrical Q-Factor [Qes]	.596	.381	.486	.407
Effective Excursion [EXmax™] in (cc)	.44 (1.1)	.61 (1.6)	.61 (1.6)	.69 (1.8)
DC Resistance [Re], ohm	6.91	6.98	7.04	7.84

SPECIFICATIONS

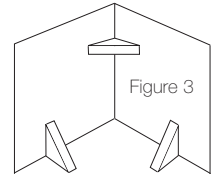
Model	S8C	S10C	S12C	S15C
Equivalent Volume [Vas], ft ³ (L)	.46 (13.14)	1.7 (48.20)	3.31 (93.8)	10.1 (285.95)
Net Displacement, in ³ (cc)	46.15 (756.3)	82.43 (1350.8)	97.44 (1596.8)	153.45 (2514.6)
Outer Frame Dimension, in (cm)	8 1/2 (21.5)	10 5/8 (27)	12 1/2 (31.7)	15 1/2 (39.4)
Mounting Depth, in (cm)	4 5/16 (11)	5 3/4 (14.6)	6 5/16 (16)	7 7/8 (20)
Hole Cut-Out Diameter	7 1/16 (17.9)	9 1/4 (23.5)	11 1/8 (28.3)	13 7/8 (35.2)

SEALED ENCLOSURE APPLICATIONS

The Solo Classic is designed to be used solely with smaller, sealed enclosures and will generate more sound pressure than any competing subwoofer on the market. The outlined sealed enclosure designs give the smoothest response with increased energy at the lowest frequencies, 20 to 30Hz. These designs deliver large amounts of highly-accurate bass and can be driven with punishing levels of amplifier power.

All the cubic feet (L) measurements in this manual include the displacement of the woofer. Do not make the airspace greater than the recommended enclosure volume, as damage may occur. If you prefer an ultra-smooth bass response, you should loosely fill your Solo Classic enclosure with poly-fill stuffing. The use of poly-fill will slightly decrease efficiency, but will deepen and extend the low frequency output.

Use 3/4" (1.9cm) or thicker MDF (medium density fiberboard) and seal the joints with silicone. Use the "template" inside your Solo Classic's shipping carton to mark the mounting hole, then cut directly on the line. These designs need internal bracing. Add triangular bracing between each of the larger unsupported panels, making certain to account for the added volume displacement. See Figure 3.

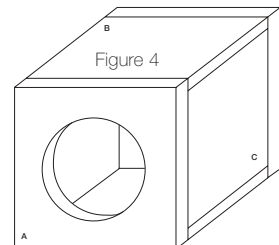


For more advice on box building, refer to your Authorized Kicker Dealer, or click on the Support tab on the Kicker homepage, www.kicker.com. Please e-mail support@kicker.com or call Technical Support at (405) 624-8583 for specific or unanswered questions.

Panel Dimensions for Sealed Enclosures using 3/4" (1.9cm) thick MDF (See Figure 4)

Model	Volume ft ³ (L)	Panel A in. (cm)	Panel B in. (cm)	Panel C in. (cm)
S8C	.33 ft ³ (9.34L)	10x10 (25.4x25.4)	10x8 (25.4x20.3)	8x8.5 (20.3x21.6)
S10C	.66 ft ³ (18.69L)	12x12 (30.5x30.5)	12x10.5 (30.5x26.7)	10.5x10.5 (26.7x26.7)
S12C	.88 ft ³ (24.92L)	13x13 (33x33)	13x11.5 (33x29.2)	11.5x11.5 (29.2x29.2)
S15C	1.25 ft ³ (35.4L)	16x16 (40.6x40.6)	16x10.25 (40.6x26)	10.25x10.25 (26x26)

NOTE: All specifications and performance figures are subject to change. Please visit www.kicker.com for the most current information. To get the best performance from your new KICKER Subwoofer, we recommend using genuine KICKER Accessories and Wiring. Please allow two weeks of break-in time for the subwoofer to reach optimum performance.



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