



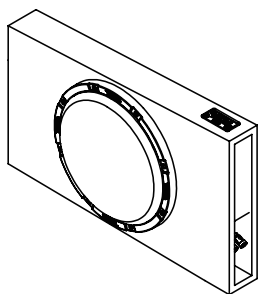
ES10

Ultra-Slim Passive 10" Subwoofer Enclosure

User Manual

Thank you for purchasing the Recoil Echo Edge series preloaded subwoofers. These ultra-slim passive subwoofer enclosures are engineered to deliver deep, accurate bass while taking up minimal space in your vehicle. Recoil has long been dedicated to designing and engineering high-quality audio products, and we are confident that adding this subwoofer to your system will greatly enhance your listening enjoyment. Please read this manual carefully before installation. If you have any questions, feel free to contact us at **support@recoilaudio.com**. Enjoy your ride!

PACKAGE CONTENTS



ES10 x1 pc



Aluminum Feet x4 pcs



Pan Head Screw M5x14mm x4 pcs



User Manual x1 pc

WARNING

Do not operate any device function that distracts you from safe driving. Any function requiring prolonged attention must only be used when the vehicle is completely stopped in a safe location. Failure to follow these instructions may result in an accident.

While driving, keep the volume at a level that allows you to hear outside sounds (e.g., emergency sirens, train crossing signals, horns). Excessive volume can drown out these important warnings and create a dangerous situation, potentially leading to an accident.

Listening at high volume for extended periods may also cause permanent hearing damage. Please use responsibly.

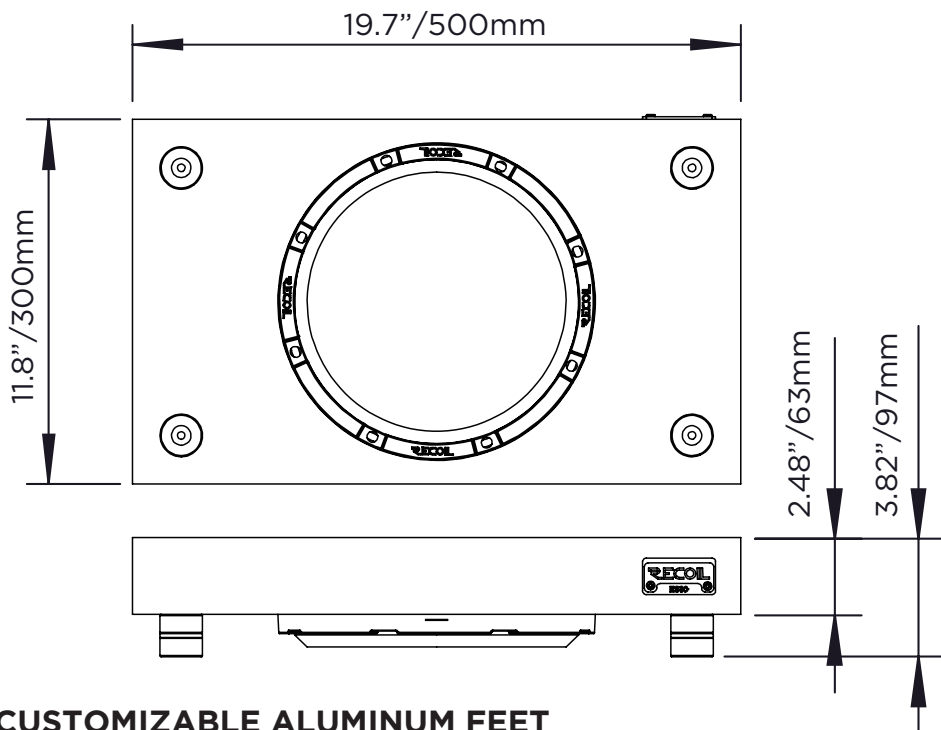
SPECIFICATIONS

Description	Single 10" Passive Subwoofer
Woofer size:	10"
Woofer Cone Material	Coated Paper
Power (RMS/MAX)	150W / 300W @2 Ω
Frequency Response	65Hz-400Hz
SPL (dB/ 1 M.W)	80dB
Internal Volume	4.5L
Wood Thickness & Material	18mm(Front) MDF
Enclosure Finish	Premium Black Carpet
Dimensions (LxDxH)	19.7 x 11.8 x 2.48(Enclosure) In 50 x 30 x 6.3(Enclosure) cm
Net weight	12.3KG

PARAMETERS

SPL (dB)	80
RE(Ω)	1.8
Qms	3.9
Qes	0.82
Qts	0.68
Fs(Hz)	34
Vas(L)	13
Cms(mm/N)	0.08
Mms(g)	256.7
Sd(Cm²)	336
BL(TxM)	11.2
Xmax(mm)	6
POWER RMS/MAX (W)	150/300

DIMENSION



CUSTOMIZABLE ALUMINUM FEET

Your ES10 subwoofer comes with four solid aluminum feet. Unlike fixed-feet designs, these feet can be screwed into any of the available mounting positions on the enclosure, allowing you to tailor the placement to your specific installation needs.

For low-profile “pancake” placement (flat on the floor), attach the feet to the same side as the woofer – at the four corners – for stable floor coupling and optimal vibration transfer.

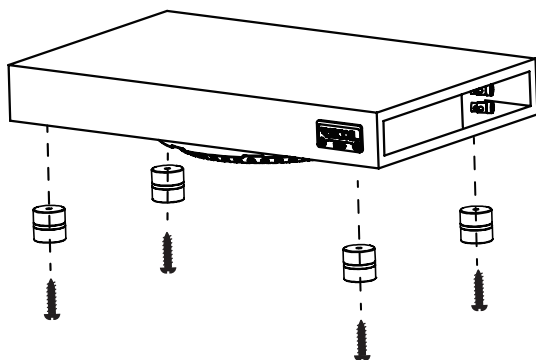
For side or upright mounting, reposition the feet to protect the enclosure and ensure proper clearance.

No tools are needed for planning your layout; only a screwdriver is required to secure the feet once you’ve chosen the positions.

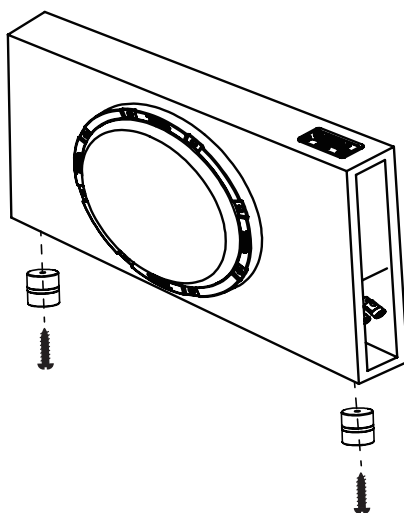
Tip: For maximum bass output when placing the sub flat on the floor, install the feet on the woofer side. This slightly elevates the grille, preventing muffling and ensuring clean, powerful bass.

Customizable Feet You can install anywhere

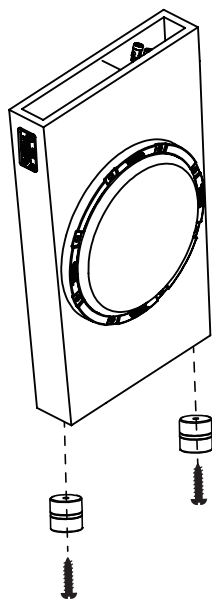
Method "A"



Method "B"



Method "C"



CAUTION

Halt use immediately if a problem appears.

Failure to do so may result in personal injury or product damage. Return the unit to your authorized dealer or the nearest service center for repair.

Have wiring and installation performed by qualified professionals.

Wiring and installation require specialized technical skills and experience. For safety, always contact the dealer where you purchased this product to arrange the work.

Use only specified accessory parts and install them securely.

Be sure to use only the designated parts. Using non-specified parts may cause internal damage or prevent the unit from being mounted securely.

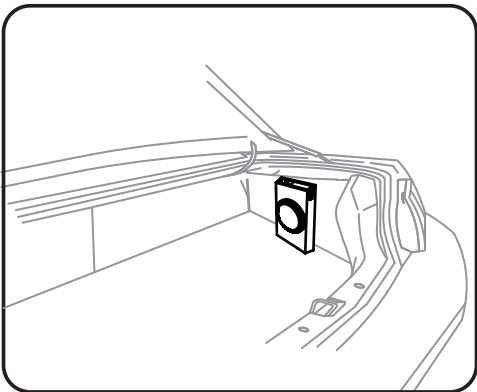
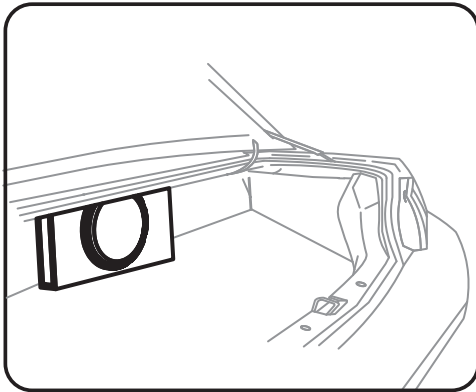
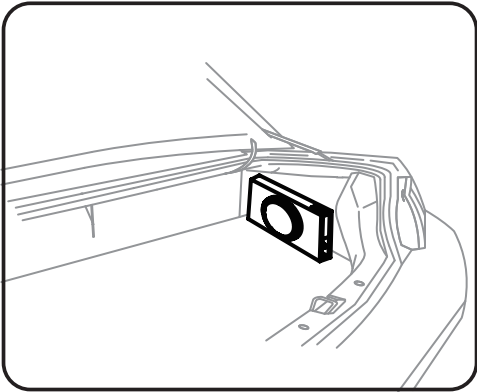
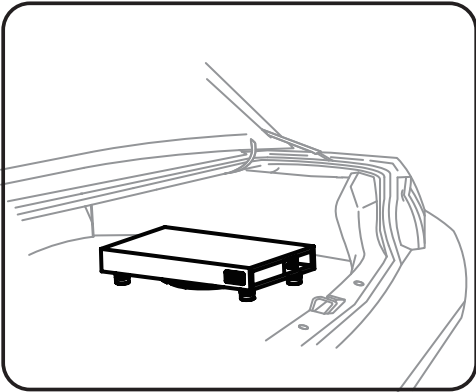
Route wiring so that it is not crimped or pinched by sharp metal edges.

Do not run cables near seat rails or over sharp edges. This prevents crimping and wire damage. If wiring must pass through a metal hole, use a rubber grommet to protect the wire from being cut.

Do not install in locations with excessive moisture or dust.

Avoid installing the unit where moisture or dust levels are high. Penetration of moisture or dust into the unit may lead to product failure.

MOUNTING





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