



RS10/RS12

RECOIL 10" /12" Preloaded Ported Subwoofer Enclosure

User Manual

Thanks for purchasing Recoil Echo series preloaded subwoofers. Recoil has been bringing great designed and engineered audio products to life. We hope that these preloaded subwoofers to your audio system bring you a lot of enjoyment.

SPECIFICATIONS

Description	Single 10"/12" Vented Subwoofer Box	
Woofers size:	10"	12"
Woofers Diaphragm	paper+coating	paper+coating
Power Rating (RMS/PEAK)	250W/ 500W@1Ohm	300W/ 600W@1Ohm
Frequency Response	33Hz-150Hz	33Hz-150Hz
SPL (dB/ 1 M.W)	85dB	87dB
Internal Volume	32L	46L
Wood Thickness & Material	5/8" MDF	
Enclosure Finish	Premium Black Carpet with Vinyl Baffle	
Dimensions (DxHxL)	(29+36) X 35 X 48cm	(35+43) X 39.5 X 48cm
Net weight	12.3KG	12.3KG

THIELE/SMALL PAPAMETERS

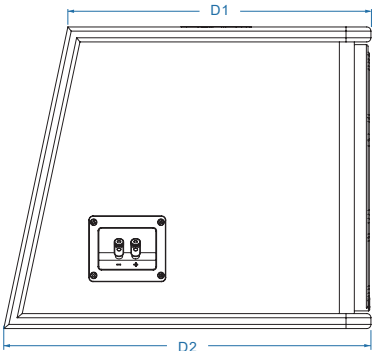
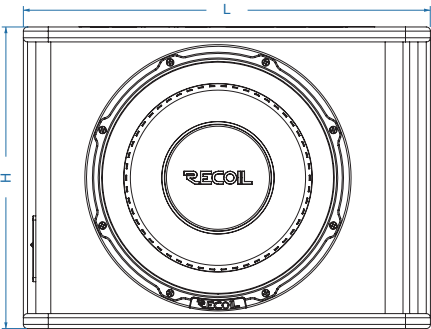
Parameter(unit)	RS10	RS12
SPL (dB)	85	87
RE(Ω)	1.8+1.8	1.8+1.8
Qms	4.85	4.96
Qes	0.71	0.68
Qts	0.62	0.6
Fs(Hz)	34	34
Vas(L)	35.7L	57.6L
Cms(mm/N)	0.2	0.27
Mms(g)	92.5g	146.9g
Sd(m²)	330.1	510.7
BL(TxM)	5.3	6.7
Xmax(mm)	8.5	7.5
Pwr(W)NOM/MAX	250/500	300/600

WARNING

Do not operate any function that takes your attention away from safely driving your vehicle. Any function that requires your prolonged attention should only be performed after coming to a complete stop. Always stop the vehicle in a safe location before performing these functions. Failure to do so may result in an accident.

Keep the volume at a level where you can still hear outside noises while driving. Excessive volume levels that obscure sounds such as emergency vehicle sirens or road warning signals (train crossings etc.) can be dangerous and may result in an accident. Listening at loud volume levels in a car may also cause hearing damage.

DIMENSION



	L	H	D1	D2
RS10	480mm 18.9"	350mm 13.8"	290mm 11.4"	360mm 14.2"
RS12	480mm 18.9"	395mm 15.6"	350mm 13.8"	430mm 16.9"

CAUTION

- **Halt use immediately if a problem appears.** Failure to do so may cause personal injury or damage to the product. Return it to your authorized dealer or the nearest Service Center for repairing.
- **Have the wiring and installation done by experts.** The wiring and installation of this unit requires special technical skill and experience. To ensure safety, always contact the dealer where you purchased this product to have the work done.
- **Use specified accessory parts and install them securely.** Be sure to use only the specified accessory parts. Use of other than designated parts may damage this unit internally or may not securely install the unit in place.
- **Arrange the wiring so it is not cramped or pinched by a sharp metal edge.** Route the cables and wiring passes (like the seat rails) or sharp or pointed edges. This will prevent crimping and damage to the wiring. If wiring passes through a hole in metal, use a rubber grommet to prevent the wire's insulation from being cut by the metal edge of the hole.
- **Do not install in locations with high moisture or dust.** Avoid installing the unit in locations with high incidence of moisture or dust. Moisture or dust that penetrates into this unit may result in product failure.

MOUNTING

