REISS AUDIO
your car hifi specialist

OWNER'S MANUAL

PORTED ENCLOSURE
WITH DUAL 8" MID-BASS SPEAKERS AND 4" TWEETERS
RS-PB84BX



BLACK CARPET

Since 1985
TURKISH ENGINEERING

RS-PB84BX

GENERAL SPECIFICATIONS

Speaker Type & Size	Dual 8" Mid-Bass (RS-MB8X) Dual 4" Tweeter (RS-TA18)
Total Impedance	2 x 2 Ohms
Total RMS Power Handling	250W
Total MAX Power Handling	500W
Sensitivity (1w/1m)	93dB
Frequency Response	55Hz - 20KHz
Recommended High-Pass Crossover	50Hz

ENCLOSURE SPECIFICATIONS

Internal Volume	28.97L/1.02ft^3
Load Configuration	Parallel
Enclosure Type	Side Ported
Enclosure Material	18mm/0.71" MDF
Finish Material	Black Carpet
-3dB Dropping Point	55Hz

MEASUREMENTS

Height	8.27" / 210mm
Width	39.37"/1000mm
Depth	14.78" / 375.5mm

SPEAKERS(RS-MB8X)

SPECIFICATIONS

Nominal Diameter	8" / 200mm
Nominal Impedance	4 Ohms
RMS Power Handling	250W
MAX Power Handling	500W
Sensitivity (1w/1m)	93dB
Frequency Response	65Hz - 10KHz
Recommended High-Pass Crossover	50Hz

MOTOR

Voice Coil Diameter	1.5" / (38.6mm)
Voice Coil Former Material	Kapton
Winding Material	CCAW
Cone Material	Paper
Dust Cap Material	Paper
Surround Material	Foam
Magnet Material	Ferrite
Magnet Weight	33.5oz
Displacement Volume	0.613L/0.022ft^3
Basket Material	Steel
Basket Color	Black

THIELE & SMALL PARAMETERS

VAS	23.55L
Xmax	6mm
Fs	65.103Hz
Qms	6.937
Qes	0.515
Qts	0.479
Mms	16.274g
Cms	345.672 μM/N
BL	6.53 TM
Le	40.123 μH
Sd	219.04cm^2
Re	3.2 Ohms

RS-PB84BX

MEASUREMENTS

Overall Diameter	8.27" / 210mm
Overall Depth	3.62" / 92mm
Front Mount Baffle Cutout	7.17" / 182mm
Mounting Depth	3.31" / 84mm
Motor Diameter	4.72" / 120mm

TWEETER(RS-TA18)

TWEETER SPECIFICATIONS

Nominal Diameter	4"/100mm
Nominal Impedance	6 Ohms
RMS Power Handling	100W
MAX Power Handling	200W
Sensitivity (1w/1m)	107dB
Frequency Response	3K-20KHz
Recommended High-Pass Crossover	4KHz

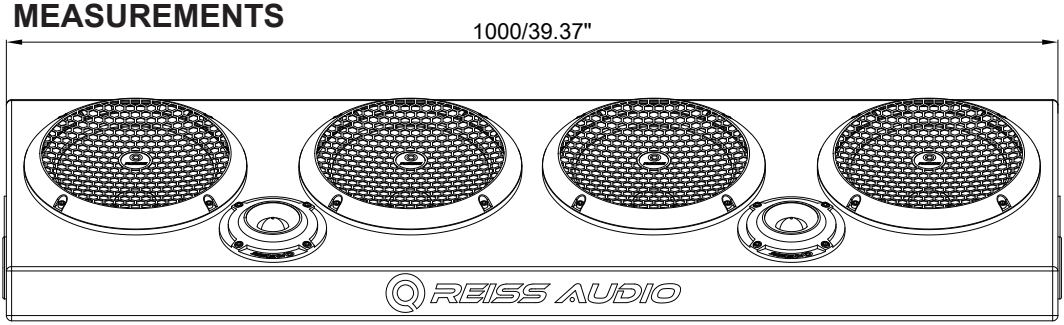
MOTOR

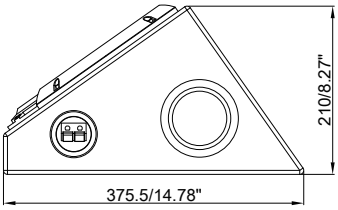
Voice Coil Diameter	1" / (25.4mm)
Voice Coil Former Material	Kapton
Winding Material	CCAW
Diaphragm Material	Aluminium
Magnet Material	Ferrite
Magnet Weight	9.6oz
Body Material	Aluminium
Bullet Material	Aluminium

MEASUREMENTS

Overall Diameter	4.02" / 102mm
Overall Depth	2.41" / 61.2mm
Front Mount Baffle Cutout	2.99" / 76mm
Mounting Depth	1.78" / 45.2mm
Motor Diameter	2.95" / 75mm

MEASUREMENTS





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