

# RECOIL

## 6.5" COMPONENT SPEAKER SYSTEM

- 6.5" Woofer Driver/1" Tweeter/3.5" Mediant(SAM365)
- Rigid Die-cast Solid Aluminum Frame
- Innovative & Precisely Shaped Wool Paper Fiber Cone
- Over Sized Magent provides Outstanding Energy
- 1.2" EISV Voice Coil Wound on PHSV Impregnated Paper Bobbin
- Soft Dome Tweeter

## LEVEL-ONE SPEAKER SYSTEM



### BEFORE YOU START - CONGRATULATIONS!

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. If there is any question, please contact support@recoilaudio.com



**WARNING:** To prevent damage to the equipment and any other possible injury, disconnect the battery from the power source before installation.

### SPECIFICATIONS

#### Woofer: 6.5"/166mm

- Aluminium Metal Frame
- Wool Paper Fiber Cone
- 29.55mm EISV Voice Coil

#### Midrange: 3.5"/92.3mm

- Aluminium Metal Frame
- Wool Paper Fiber Cone
- 25.5mm EISV Voice Coil

#### Tweeter: 1"/25.4mm

- Tetolon Dome Tweeter
- Powerful NdFeB Magnet
- Magnetic Fluid Coolant

#### Crossover: 12dB/Oct

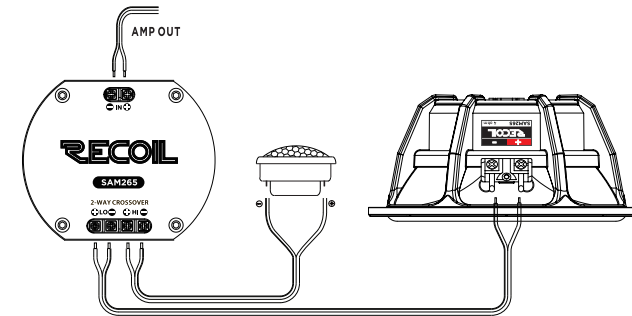
- High Performance Polyester Capacitor
- Built-in Tweeter Attenuation Jumper

### THIELE/SMALL PARAMETERS

Model	SAM265/SAM365
Nominal Diameter	6.5" (166mm)
Voice Coil Diameter	1.2" (29.55mm)
Impedance (DCR)	3.3Ω
Fs - Free Air Resonanc	61- 20KHz
(RMS/MAX)	65W/130W
Qts	0.444
Qes	0.478
Qms	6.356
Equivalent Volume (Vas)	0.484ft³ (13.7L)
Sensitivity (1W / 1M)	88.5dB
Xmax	0.276" (7mm)

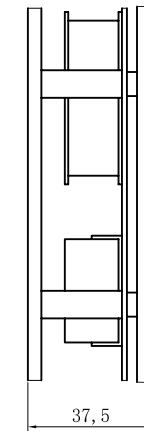
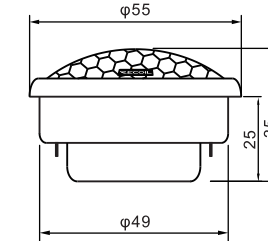
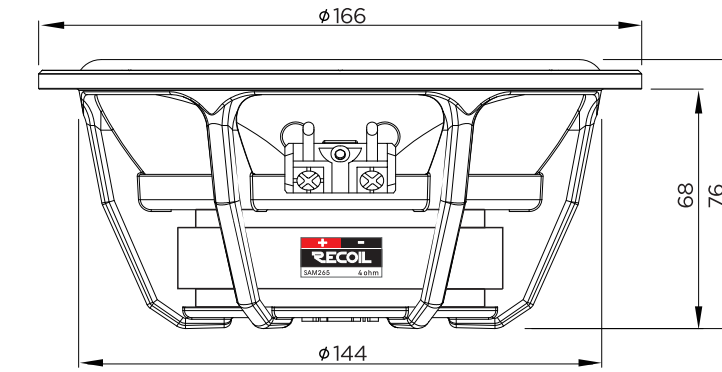
### FEATURES

Each RECOIL crossover has a tweeter attenuation jumper and a phase switch under the removable cover. Select "0" or "-3dB", if the tweeter is too close to the listener than the midrange speaker, this adjustment should improve the tweeter level balance. Select "0" or "180" degree of phase by reversing the wiring "+" and "-". This adjustment may improve frequency response depending on the tweeter mounting location relative to the midrange speaker. You can also adjust the "0" and "-3" attenuation jumper of the bass according to system tuning.



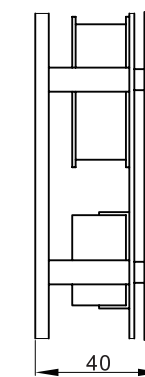
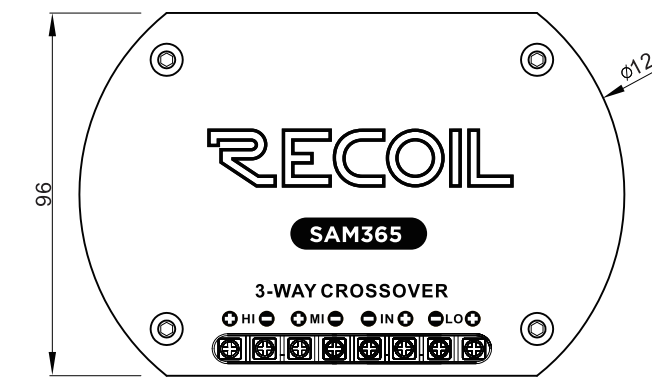
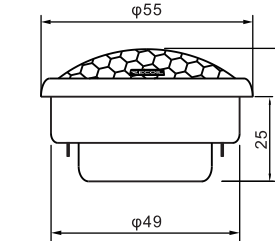
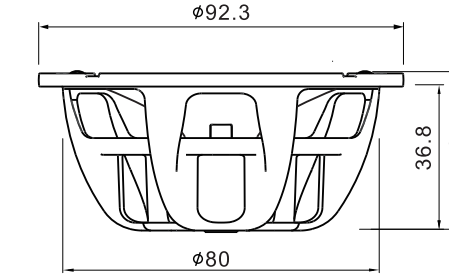
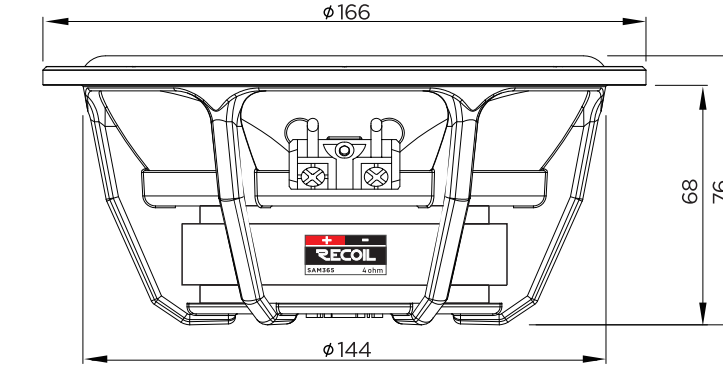
### DIMENSIONS

#### SAM265



### DIMENSIONS

#### SAM365



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