8-inch Full Range Speaker 200W

User Manual

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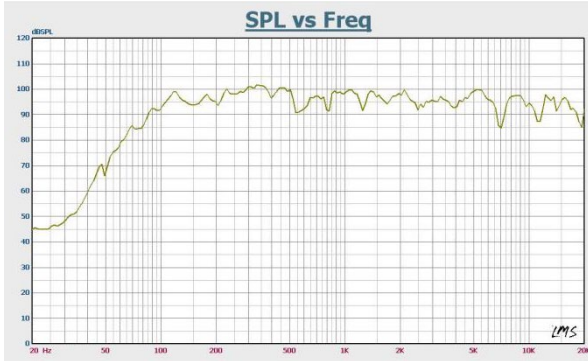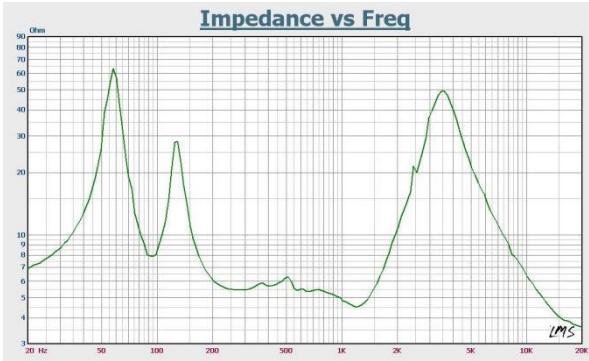
Product Features

Technical characteristics

· Adopts passive 2-way low frequency reflective structure design and the professional speaker system with high-power, multi-scene, full-frequency sound source. Provides vocal clarity and strong bass performance；

· The woofer adopts an 8-inch high-power ferrite permanent magnet driver, which has the characteristics of high-power on-board and high-stability output and low distortion；

· The tweeter adopts a 44-core large-diameter voice coil polymer diaphragm and a ferrite permanent magnet compression driver；

· The woofer cone is made of pure wood pulp in the alpine region, and high-strength fibers are added for semi-loose papermaking to ensure that the cone has high rigidity, fast sound transmission characteristics and suitable material damping characteristics。

· The treble horn is made of high-strength resin material, which is molded with glass fiber, so as to achieve suitable damping characteristics, mechanical strength and acoustic performance, and achieve excellent horizontal and vertical amplification coverage angle and timbre performance；

· Sophisticated crossovers tuned for rich vocal expression and clarity；

· The simple and classic ID design is suitable for amplification scenarios with various requirements；

· The speaker adopts the design of standard pole socket at the bottom, combined with multiple M8 screw suspension points on the top surface/side, to meet the needs of various installation scenarios such as pole mount on subwoofer/pole mount on floor stand；
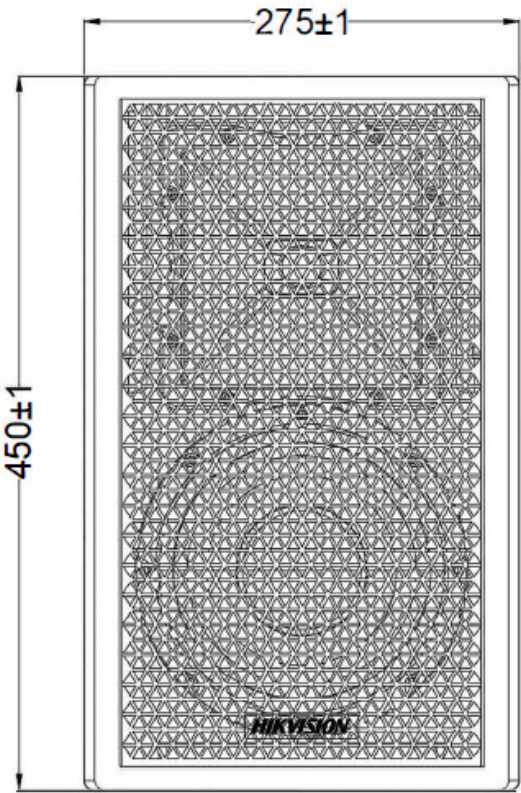
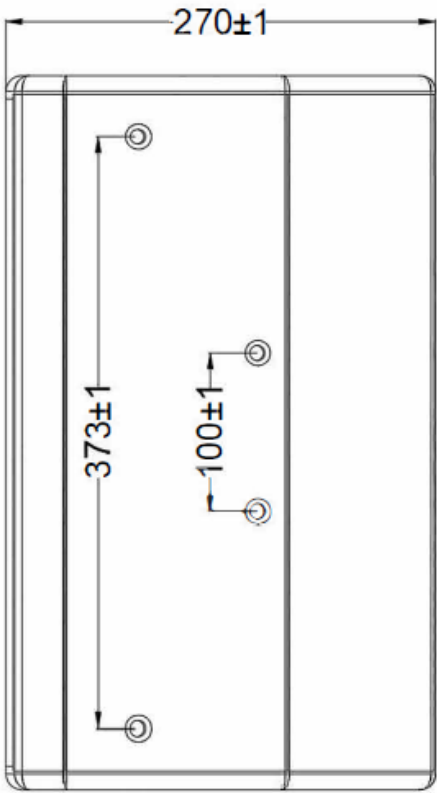# Specifications

Frequency response curve	Impedance curve

SPL vs Freq	Impedance vs Freq

function	
System type	8-inch 2-way low-frequency reflex point source loudspeaker

interface	
Standard Audio plug	2xAudio plug （+1/－1）

General Specifications	
Frequency response	76 Hz-20 kHz　(-10 dB)
sensitivity	96 dB@ 1w/1 m
Rated impedance	8 Ω
Rated power	150W
Maximum SPL output	118 dB(peak 126 dB)
Input power	AES continuous 200W/music signal 400W/peak 800W
coverage angle	80°x50°（HxV)
Speaker unit	Woofer: 1x8 inches / Tweeter: 1 x 1.0 inches
net weight	12 kg
size	H450mmxW275mmxD270mm
packed weight	13 kg
Operating temperature and humidity	-30~+60℃，95% No condensation
color	Matte black raindrop paint

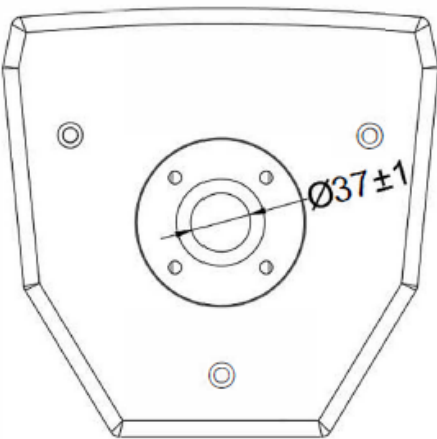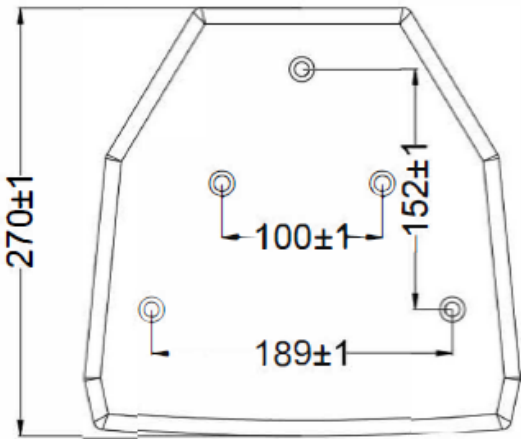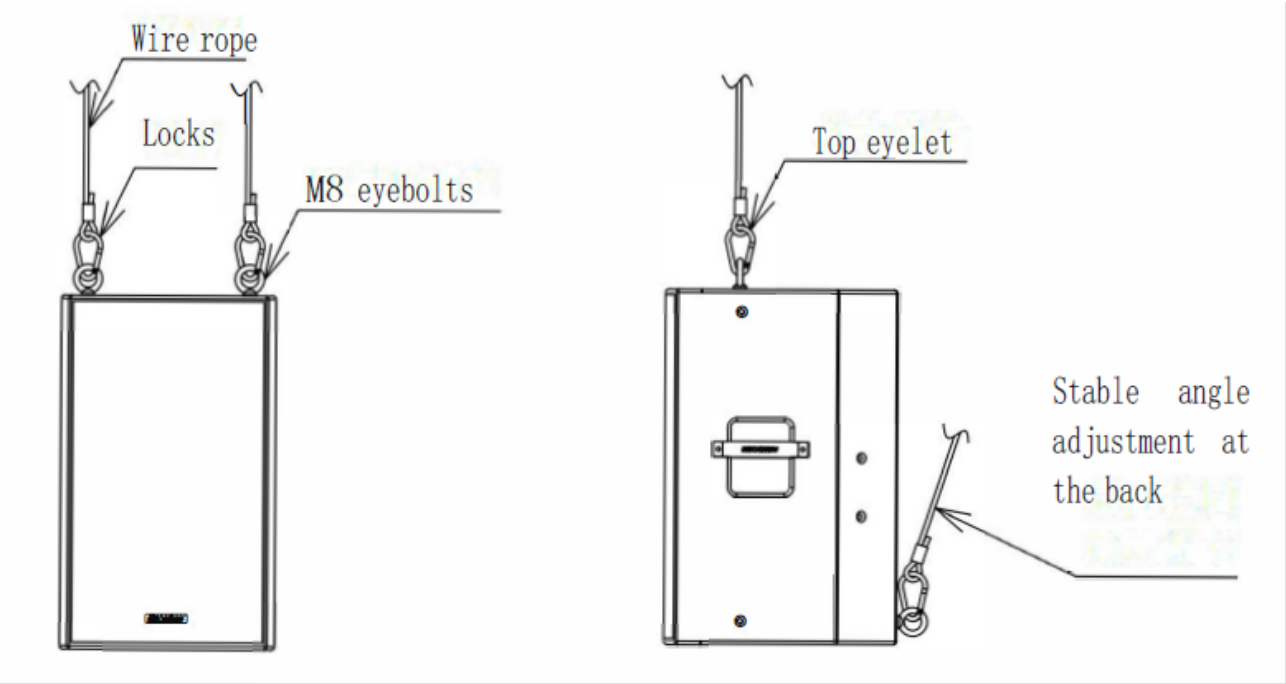| Material	15 cl multi-layer solid wood plywood
Packing list	Speaker*1/Product Manual*1/Certificate*1/Warranty Card*1
configuration	Vertical suspension / Horizontal suspension / Bottom support

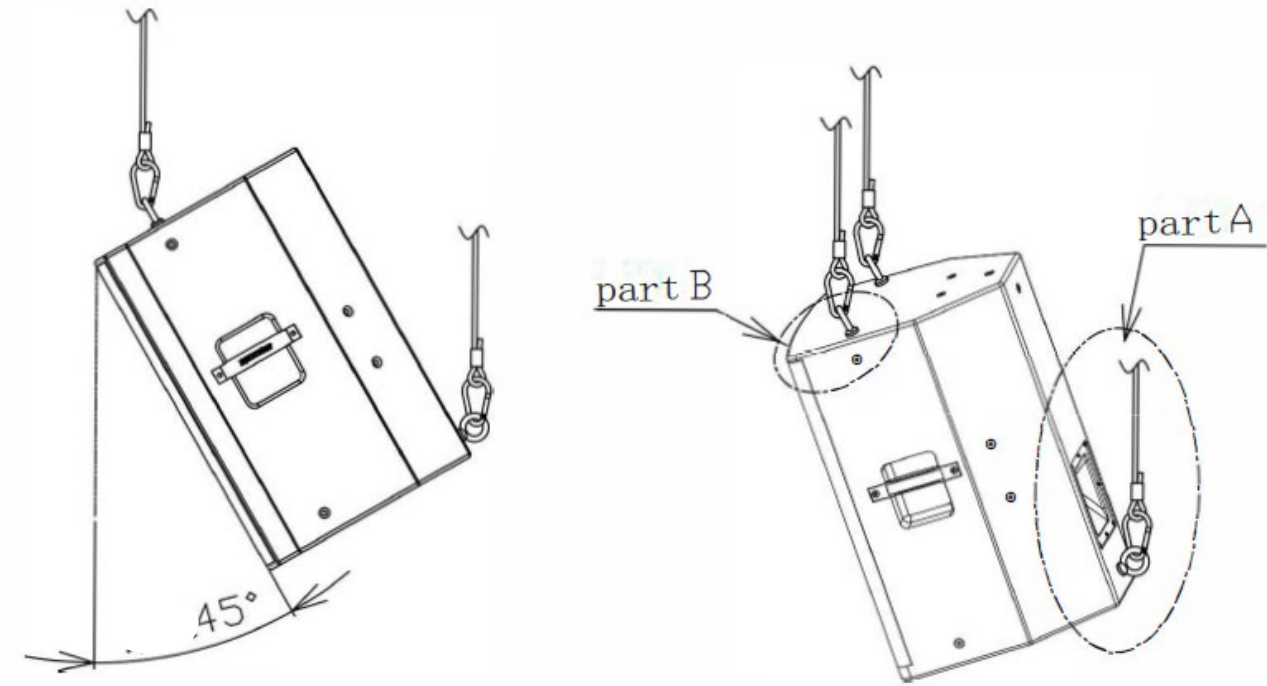# Dimensions

Front view

Side view

Bottom view

unit：mm

Installation

Two sets of wire rope eye bolts are used for top hanging, and a group of wire rope eye bolts are used at the bottom of the back to form a 3-point hanging installation to realize the vertical and tilt angle adjustment of the speaker
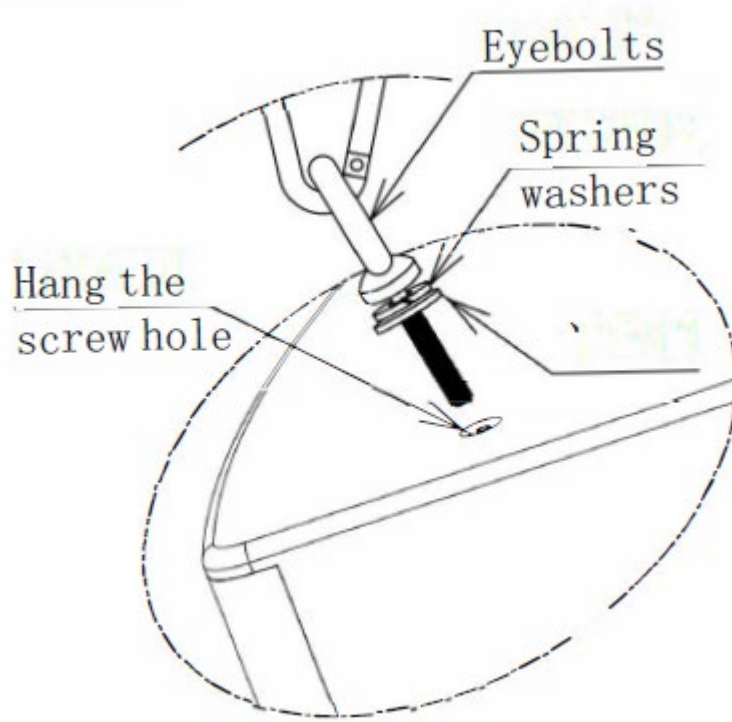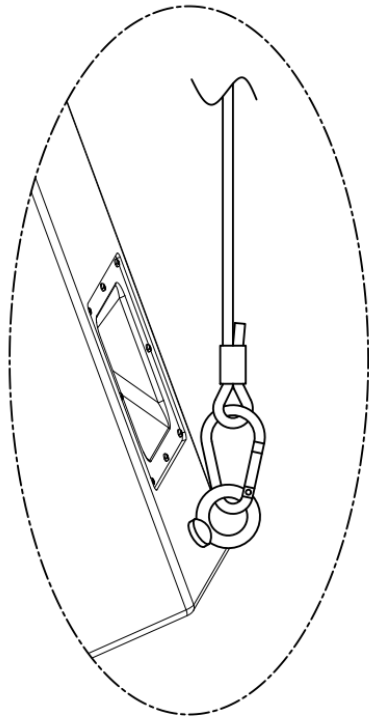

The hanging inclination angle is not more than 45°   Partial view indication

THE LOAD-BEARING REQUIREMENTS OF THE WALL ARE > 60KG

Eyebolts
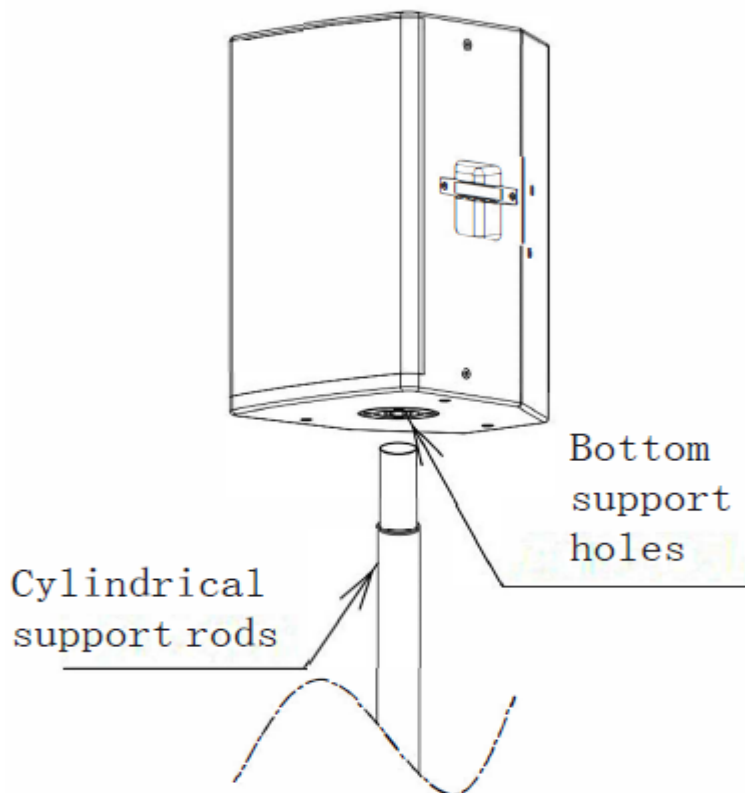
Spring washers

Hang the screw hole

Partial view A

Partial view B
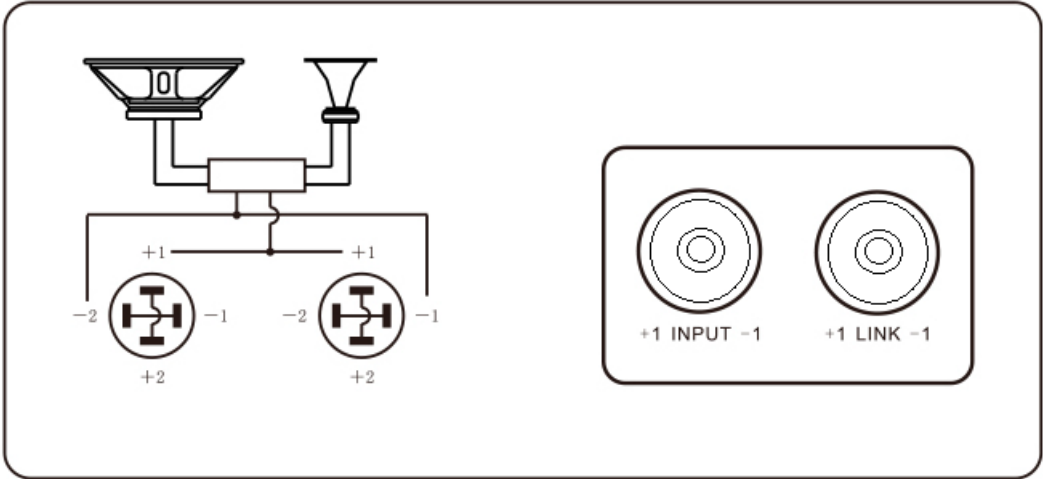
Bottom rigging point

Remove the speaker grub bolts and use the accessories shown in the diagram to tighten the installation

Bottom support holes

Cylindrical support rods

Use the speaker support rod for bottom mounting

System wiring

Internal wiring   Panel wiring diagram