

Specifications

MODEL	QAL KQ5 TOP
Frequency response	90Hz-19KHz
Driver	Hi: 2x1" compression driver Low: 6x5" MF driver
Directivity angle	H100°xV10°
Sensitivity	98dB
Impedance	6 ohm
Long-term power	400W
Power peak	1600W
Maximum SPL	130dB
Connector	1x4-pin Speakon
Product dimensions	1160x198x150mm (WxDxH)
Shipping dimensions	1210x390x430mm (WxDxH)
N.W/G.W	16.0kg/46.0kg(x2)

MODEL	QAL KQ5 SUB
Frequency response	45Hz-280Hz
Driver	2x13.5" LF driver
Sensitivity	103dB
Impedance	4 ohm
Long-term power	700W
Power peak	2800W
Maximum SPL	137dB
Connector	2XLR+ 1x4-pin Speakon+1 Powercon
Power supply	AC 110V-240V/50Hz
Amplifier power	500W+1000W
PC interface	One USB interface on front panel DSP
Product dimensions	386x545x700mm (WxDxH)
Shipping dimensions	1210x390x430mm (WxDxH)
N.W/G.W	42.0kg/102.0kg(x2)

User's Manual



Active Speaker Set

QAL KQ5 TOP
QAL KQ5 SUB



The information furnished in this manual does not include all of the details of design, production, or variations of the equipment. not does it cover every possible situation that may arise during installation, operation or maintenance. If you need special assistance beyond the scope of this manual, please contact our Technical Support Group.

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

TO PREVENT ELECTRIC SHOCK DO NOT REMOVE COVER OR BACK. NO USER SERVICEABLE PARTS INSIDE REFERS SERVICING TO QUALIFIED SERVICE PERSONNEL.

MAGNETIC FIELD

CAUTION! Do not locate sensitive high-gain equipment such as amplifiers or tape decks directly above or below the unit. Because this amplifier has a high power density, it has a strong magnetic field, which can induce hum into unshielded devices that are located nearby. The field is strongest just above and below the unit. If an equipment rack is used, we recommend locating the amplifier(s) in the bottom of the rack and the amplifier or other sensitive equipment at the top.

WATCH FOR THIS SYMBOLS



The lightning bolt triangle is used to alert the user to risk of electric shock



The exclamation point triangle is used to alert the user to important operating or maintenance instructions.



WARNING

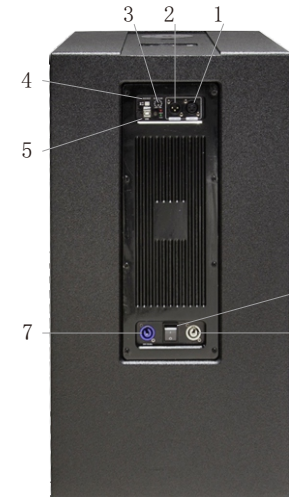
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE!

Introduction

The speaker system is precise configured to achieve constant coverage at wide frequency range. Its horn is designed according to the golden ratio of ear hearing, which allows perfect directivity controls in any challenging acoustic environments. QAL KQ5 SUB features vented bass enclosure with two 13.5 inch long-throw woofers, providing low frequency contour and extended bandwidth to QAL KQ5 TOP. The 13.5 inch woofers deliver heavy low but also rich mid, tailed for QAL KQ5 TOP speaker as a stunning sound system. Built-in DSP processor and dual channel class D amplifier ensures big dynamic but extra compact system. For fixed installation, QAL KQ5 TOP cabinet is equipped with multiple rigging points. It can easy and fast ground stack setting up with QAL KQ5 SUB. QAL KQ5 TOP can be stacked as a standalone system or secured onto one of its LF extensions. Wall mounting and flying are also possible. It is a very versatile sound system for different kinds of applications. It is also a good system for portable sound or live sound.

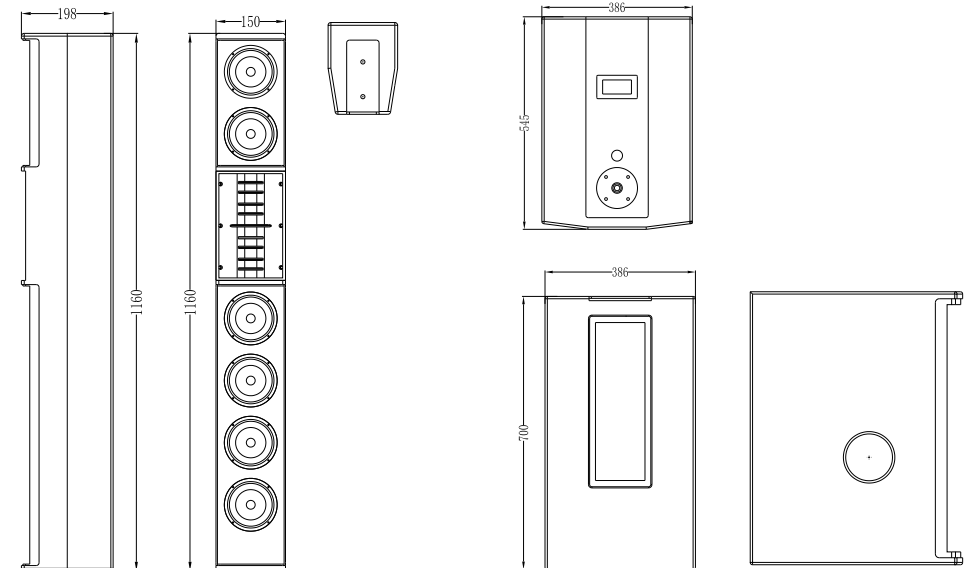
- Italian high-end drivers.
- King Kong sand paint finishing for anti-scratches and anti-collision.
- Built-in amplifier with DSP control.
- Colinear source design.
- Fast rigging hardware.
- Designed according to the golden ratio of ear hearing.
- Equipped multiple rigging points, mounting is also possible.

Amplifier elements



1. XLR signal input Pin 1: Ground Pin 2: + Pin 3: -.
2. XLR signal output Link the signal to another speaker, Pin 1: Ground Pin 2: + Pin 3: -.
3. Subwoofer volume control knob.
4. Subwoofer gain control knob.
5. PC interface Connect this to a laptop or computer to fine tune the sound through the built-in DSP.
6. Power switch
7. Power input.
8. Power link output.

Product dimensions



QAL KQ5 TOP

QAL KQ5 SUB