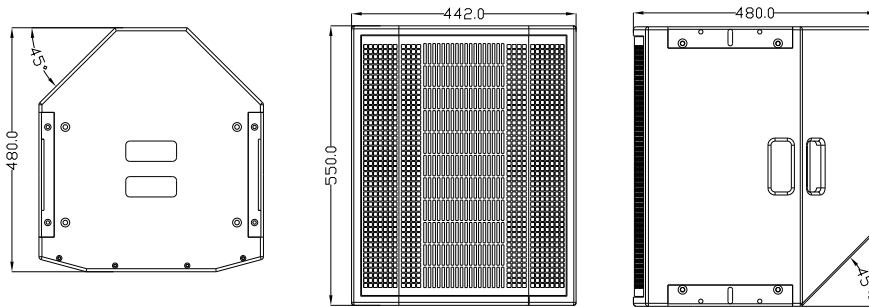


User's Manual



Product Dimensions

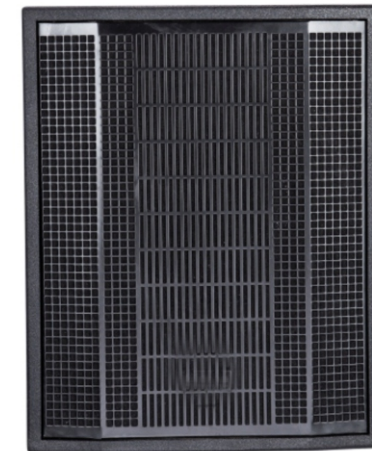


Specifications

Speaker Type: 2-Way active speaker
Max SPL: 136 dB
HF: 3"Voice Coil
LF: 15" 3"Voice Coil
Directivity: 90x40° rotatable
Frequency Response [-6dB] 55 - 18.000 Hz
Amplifier: Class D
Power RMS: 1000 W
Peak Power: 2000 W
Cooling: Single fan
Processor: Controller DSP 56 bit
AD/DA Converter: 24 bit/48 kHz
System Presets: Music/ Live / Monitor
Crossover Frequency LF-HF:1700 Hz
Limiter: Dual active, RMS/Peak, Thermal
Cabinet material: Multiplex 18MM plywood
Handles:3x left side
Dimensions: Width:442 mm Height:550 mm Depth:480 mm
Net Weight: 22 kg

Professional Loudspeaker System

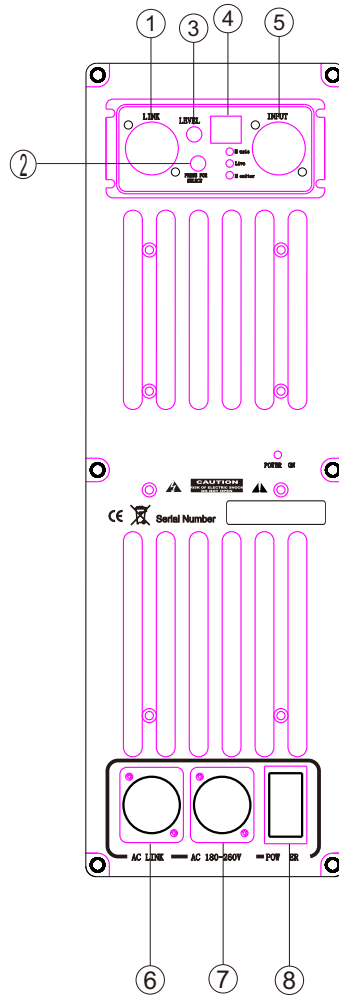
QAL AT115DSP



Specifications are subject to be changed without notice.

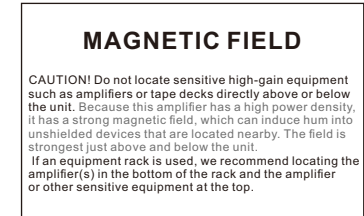
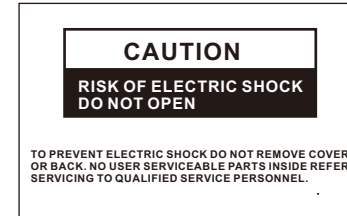


Amplifier Description



- 1.Signal Output: Pin 1 Ground, Pin 2 Positive, Pin 3 Negative
- 2.Mode selection
- 3.Volume control
- 4.USB terminal
- 5.Signal input: Pin 1 Ground, Pin 2 Positive, Pin 3 Negative
- 6.Power output
- 7.Main power supply
- 8.Power switch

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.



WATCH FOR THESE 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.



Introduction

QAL AT115DSP magic speaker is a smart solution for simplifying a live sound system. The QAL AT115DSP can satisfy acoustic demands either as a main sound reinforcement speaker, a side fill speaker, a monitor or even as a Spatial Image System. Free from traditional sound systems with multiple kinds of speakers, only several pieces of QAL AT115DSP can do. This great flexibility will help to save labor cost, transportation cost as well as set up time and significantly improve work efficiency.

QAL AT115DSP cabinet employs special acoustic design for providing phase correction for bass speakers and improving horizontal coverage and MF clarity. Built-in 1000W CLASS-D amplifier with advanced DSP processing, QAL AT115DSP magic speaker allows very linear phase transmission at the most critical points. It not only enhances the clarity of voice reproduction of the whole system, but also provides a more consistent coverage.

The innovation cabinet design of QAL AT115DSP caters to the most demanding requirements of stage professionals. By simply rotating the dispersion angle, the monitoring angle can be changed in a few seconds. QAL AT115DSP is coated with multiple layer King Kong sand painting to ensure its excellent durability. Standard M8 eyebolts realize flying in different angles. Line arraying hardware is optional for easy rigging up as a line array. 0° or -7° pole mounting is also available to satisfy different applications.

Features

- High class drivers
- Built in high performance 1000W CLASS-D amplifier with DSP processing
- Durable King Kong sand painting finishing
- Easy setup hardware
- Golden ear acoustic design
- Flexible setting up, either flying or pole mounting
- Rotatable horn