

K SERIES

K6010

K6012

K6015



IMPORTANT WARNINGS & SAFETY INSTRUCTIONS

1. READ ALL INSTRUCTIONS – Carefully and become familiar with the features and functions of these products before operating them.
2. RETAIN THESE INSTRUCTIONS – For future reference.
3. COMPLY WITH ALL WARNINGS – All warnings and instructions for this product should be adhered to.
4. USE WITH AMPLIFIERS – In order to avoid damage to drivers and other equipment, it is advisable to establish and follow a routine for powering up and powering down a sound system. With all system components connected, turn on source equipment (mixers, signal processors, record and playback units, etc.) BEFORE powering up amplifiers. Transient voltages from powering up source equipment can damage speakers if amplifiers are already turned on. Make sure that amplifier volumes are set to their minimum settings and power up any system amplifiers LAST. It is recommended that all system components be allowed to stabilize for several seconds before any source signals are introduced or level setting adjustments are made. Similarly, when shutting systems down, turn all amplifiers off first, before powering down any other system components.
5. CABLES – Do not use shielded or microphone cables for connection between amplifiers and speakers. Use only approved speaker cables with proper connectors.
6. CAUTION – These professional loudspeaker systems are capable of generating very high sound pressure levels. Use care with placement and operation to avoid exposure to excessive volume levels. Permanent hearing damage can result when operated to extreme levels.
7. SERVICE – There are no user serviceable parts inside this product. Users should not attempt to service this product. Warranty nullification could result if this is attempted.
8. RIGGING - SUSPENDING - MOUNTING - Rigging suspending or mounting of speaker systems can expose members of the public to serious health risks and even death.

UNDER NO CIRCUMSTANCES ATTEMPT TO RIG, SUSPEND OR OTHERWISE MOUNT THESE SPEAKERS UNLESS YOU ARE FULLY QUALIFIED AND CERTIFIED TO DO SO BY RELEVANT LOCAL, STATE AND NATIONAL AUTHORITIES. ALL RELEVANT SAFETY REGULATIONS MUST BE FOLLOWED. IF YOU ARE NOT PROPERLY QUALIFIED OR DO NOT KNOW OF PERTINENT REGULATIONS, CONSULT QUALIFIED PERSONNEL FOR ADVICE.

INTRODUCTION

K6000 is a series of 3 premium, high output and superior performance full range speakers, specifically engineered for fixed entertainment space installations.

The LF transducers are a low distortion design using ferrite magnets with a built-in aluminium ring for optimum heat dissipation. The HF compression drivers have a 1.75" voice coil and use a polyethylene (pe) diaphragm for maximum vocal intelligibility in enclosed spaces. This HF compression driver is coupled to a 70° x 70° waveguide for smooth dispersion regardless of horizontal or vertical placement.

The cabinet of K6000 series is made of high quality 15mm multi-layer birch plywood. This plywood is covered with a black, wear-resistant paint treatment. The cabinet is trapezoidal and is equipped with two Neutrik speakON nl4mp connectors.

With 13 x M8 threaded suspension points and a further 6 x M8 points in a 100mm configuration, installation at any angle is simple and easy.

The hexagonal hole steel front grille and inner foam lining protects the drive units from dust or insects. In addition, the iconic Wharfedale Pro logo on the front grille is rotatable to ensure that K6000 looks great in any orientation.

K6000 - the premium entertainment loudspeaker from Wharfedale Pro.

K SERIES FEATURES

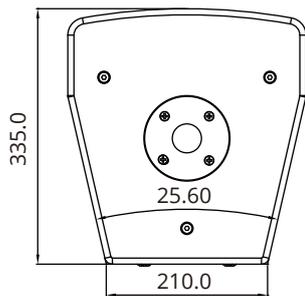
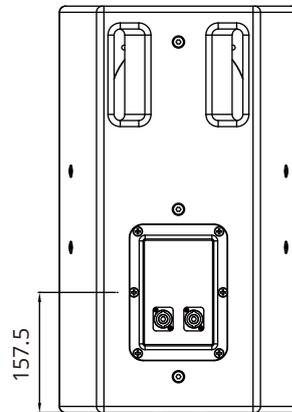
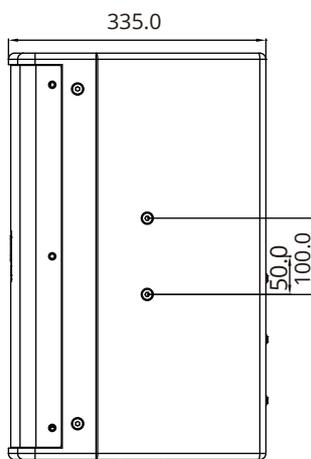
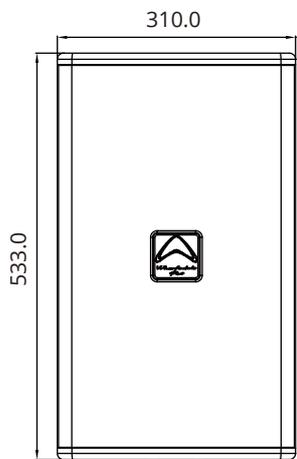
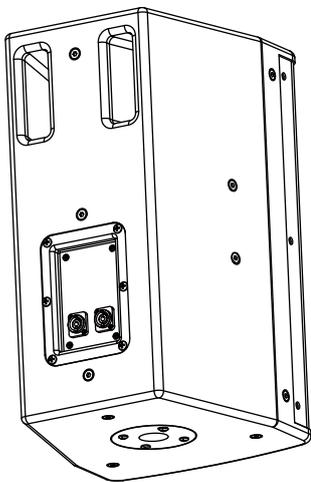
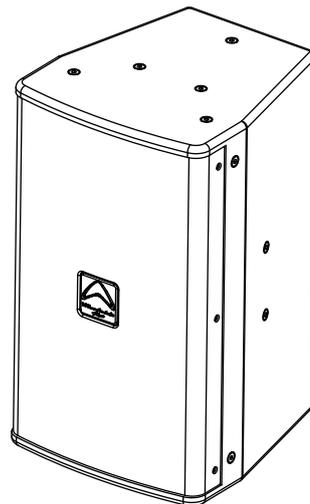
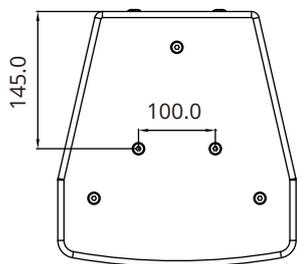
- Premium components for premium sound
- 3" voice coils K6012 / K6015
- 70° x 70° rounded waveguide
- 19 x M8 rigging points
- Rotatable logo and cosmetic front grille finish

APPLICATIONS

- High-end entertainment sound reinforcement
- Club live sound reinforcement
- For use with or without a subwoofer

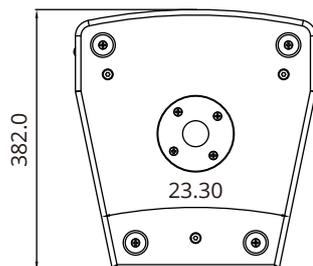
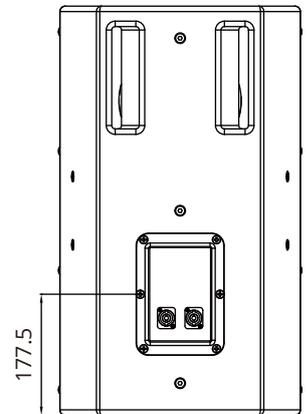
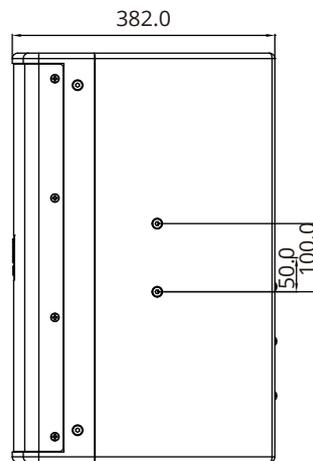
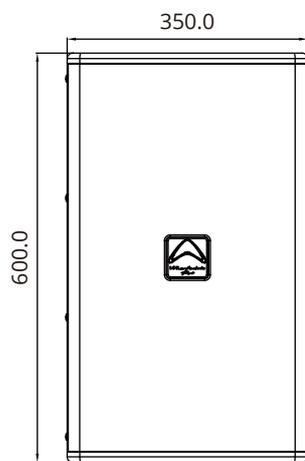
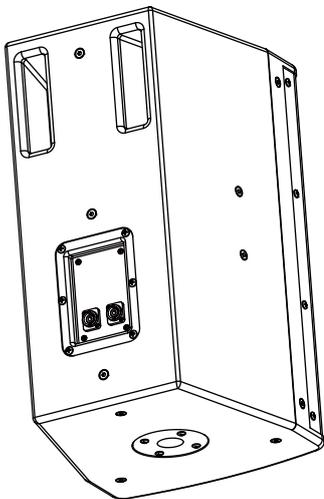
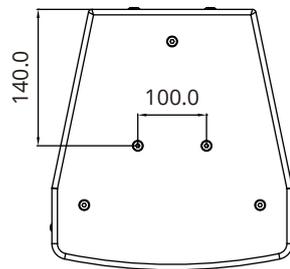
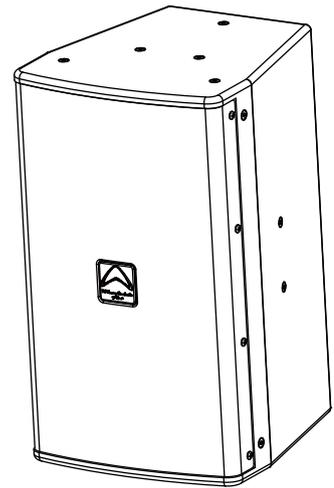
DIMENSIONS

K6010



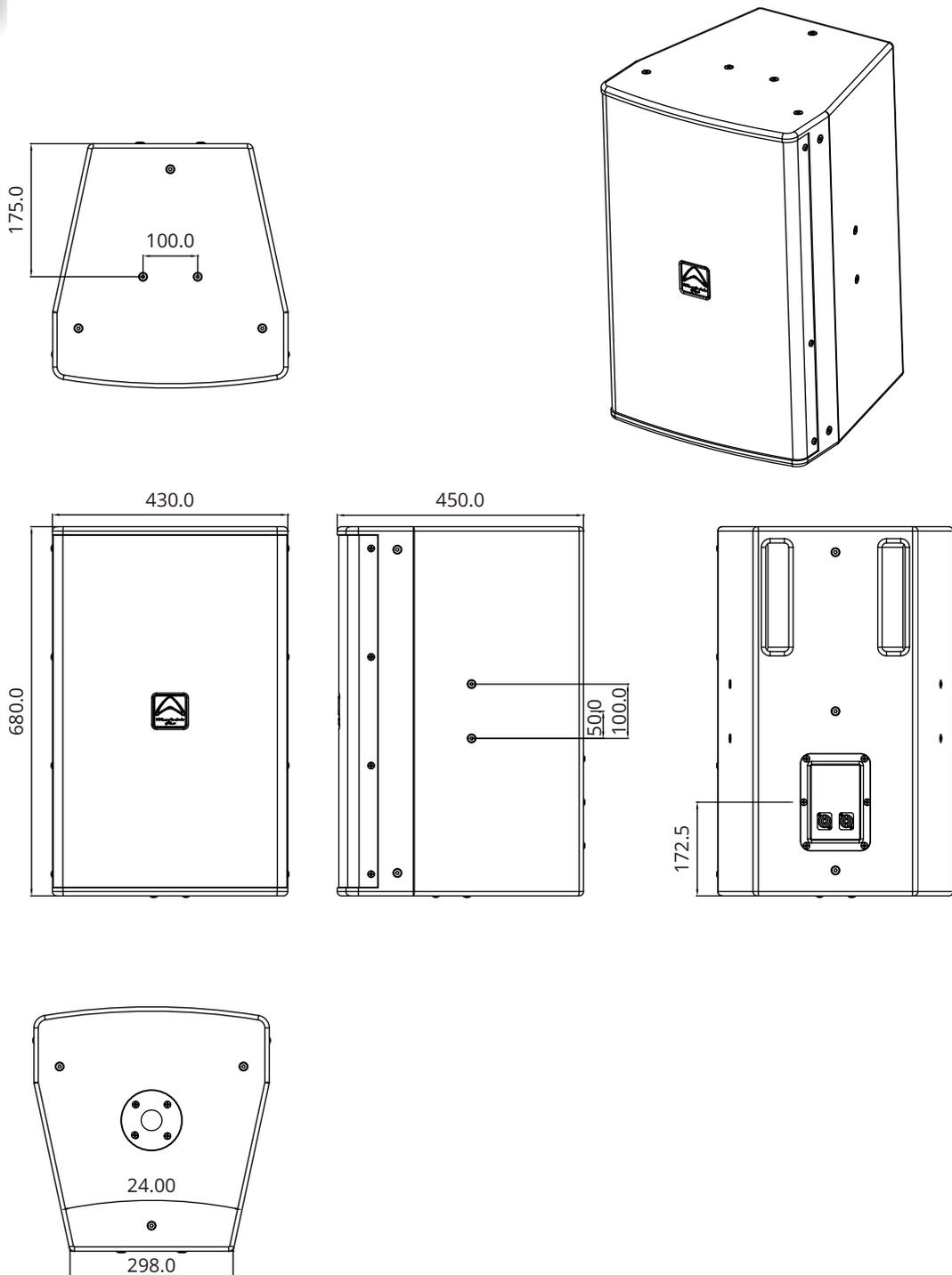
DIMENSIONS

K6012



DIMENSIONS

K6015



SPECIFICATIONS

Model Name	K6010	K6012	K6015
System Type	Passive	Passive	Passive
Configuration	two-way	two-way	two-way
Frequency Response (+/-3 dB)	65 Hz - 20 kHz	60 Hz - 20 kHz	45 Hz - 20 kHz
Sensitivity 2.83 v / 1 m	96 dB	97 dB	98 dB
Calculated Maximum SPL @1 m	127 dB	129 dB	131 dB
System Rated Impedance	8 Ω	8 Ω	8 Ω
Low Frequency Transducer			
Size (mm / inches)	288 mm / 10"	305 mm / 12"	381 mm / 15"
Voice Coil Size (mm / inches)	63.5 mm / 2.5"	75 mm / 3.0"	75 mm / 3.0"
LF Magnet Material	Ferrite	Ferrite	Ferrite
LF Frame Material	Aluminium	Aluminium	Aluminium
Rated Impedance	8 Ω	8 Ω	8 Ω
High Frequency Transducer			
HF Driver Type	Compression Driver	Compression Driver	Compression Driver
Voice Coil Size (mm / inches)	44 mm / 1.75"	44 mm / 1.75"	44 mm / 1.75"
Diaphragm Material	Polyethylene	Polyethylene	Polyethylene
Nominal Coverage (H x V)	70° x 70°	70° x 70°	70° x 70°
Power			
System Continuous Power	300 w	400 w	500 w
System Programme Power	600 w	800 w	1000 w
System Peak Power	1200 w	1600 w	2000 w
Crossover frequency	2.9 kHz	3.75 kHz	3.2 kHz
Input Connector	2 x Neutrik NL4MP	2 x Neutrik NL4MP	2 x Neutrik NL4MP
Rigging	M8 * 19	M8 * 19	M8 * 19
Pole mount	35 mm pole socket	35 mm pole socket	35 mm pole socket
Handles	NO	NO	NO
Cabinet type	Trapezoid	Trapezoid	Trapezoid
Enclosure Material and finish	15 mm plywood	15 mm plywood	15 mm plywood
Colour Options	Black paint	Black paint	Black paint
Grille Material & Finish	Steel	Steel	Steel
Dimensions - Unpacked			
Height	533 mm	600 mm	680 mm
Width Front	310 mm	350 mm	430 mm
Width Rear	210 mm	242 mm	298 mm
Depth	335 mm	382 mm	450 mm
Net Weight	18.9 kg	24.3 kg	29.3 kg

WHARFEDALE PRO LIMITED WARRANTY

Wharfedale Pro products are warranted of manufacturing or material defects for a period of one year from the original date of purchase. In the event of malfunction, contact your authorized Wharfedale Pro dealer or distributor for information.

*Be aware that warranty details may differ from country to country. Contact your dealers or distributor for information. These terms do not infringe your statutory rights.



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