

GK-415

GK SERIES



FEATURES

- + Precision Devices 1.75-inch (44mm) voice-coil, non-metallic diaphragm, neodymium magnet compression driver.
- + High-efficiency custom 15-inch woofer with proprietary cone pulp.
- + 90°× 60° low resonance constant directivity horn with uniform on-axis and off-axis response.
- + 15 mm birch multi-layer plywood, surface treated with a wear-resistant finish.
- + Sonic Guard protection technology.
- + Built-in 35 mm pole mount.
- + Preset universal lifting points for installation.
- + Rotatable logo.

APPLICATIONS

- + KTV Party rooms.
- + KTV Sound reinforcement.
- + Bar and nightclub sound reinforcement.



GK-415

15-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

The GK-415 is a high-performance compact speaker system designed for KTV party rooms, KTV sound reinforcement, bars, and nightclub sound reinforcement. The GK-415 cabinet is trapezoidal design and driven by a 15-inch custom woofer and a 1.75-inch Precision Devices compression driver mounted on a 90°×60° constant-directivity rotatable horn. The GK-415 enclosure is trapezoidal in design and features M8 internal mounting points on both the top and sides of the enclosure to enable easy and convenient hanging installation, complimented by a 35mm pole mount that make the GK-415 a very versatile and easy to use speaker system. Achieving a sensitivity 98 dB with 600W (AES) power handling and delivering a 55 Hz - 20 kHz (-10dB) frequency response and exceptionally smooth phase curve, GK-415 speaker system adopts a design combining small volume with traditional front vented porting. The small box design can reduce the group delay of the low-frequency band, which improves speed and reduction of non-linear distortion. Resulting in a fast, vibrant warm bass reproduction in any environment. The enclosure is constructed from 15mm birch plywood, coated with a wear-resistant black water-based finish. Connection is made by two Neutrik NL-4 sockets (1+1-input, 2+2-link) on the rear connector plate. The front grille features a rotatable logo that can be adjusted for use at any angle. The grille mesh is backed with acoustically transparent cotton offering effective rain and dust protection to the internal components.



Power Handling Program Peak	600 W (AES) 1200 W 2400 W
Nominal Impedance	8 Ω
Average Sensitivity	98 dB @ 1W/1m
Calculated Maximum SPL / 1m	125 dB continuous 131 dB peak
Frequency Response	75 Hz - 20 kHz (±3 dB) 55 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	60 Hz - 18 kHz (±3 dB)
Nominal Directivity (-6dB)	90° (H) x 60° (V)
Recommended Amplifier	≤ 1200 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	40 Hz, 18 dB/ oct Butterworth 60 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive
Low Frequency Driver	Fane transducer, 8Ω impedance, 15" (381 mm) diameter, high temperature voice coil on glass fibre former
High Frequency Driver	Precision Devices 1.75" (44 mm) voice coil, neodymium magnet, 8Ω impedance compression driver

Flying Hardware	M8 Internal mounting brackets
Pole Mount	35mm Metal
Connectors	2 Neutrik Speakon NL4MP
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Black, water-based paint
Cabinet Size (HxWxD)	680 x 430 x 450 mm
Shipping Carton Size (HxWxD)	780 x 550 x 570 mm
Weight	26.5 kg net 29.5 kg gross

