

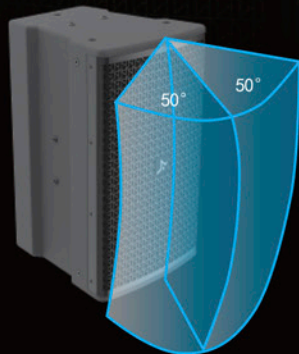
UK-810

MADE IN
ENGLAND

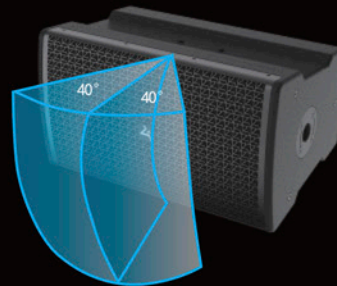
UK SERIES



HORIZONTAL
COVERAGE



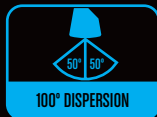
VERTICAL
COVERAGE



OVERLOAD PROTECTION



POINT SOURCE



100° DISPERSION



REAR PORTED



PD / FANE DRIVERS



ACOUSTIC HORN DESIGN

FEATURES

- + 1.75-inch (44mm) voice-coil Precision Devices neodymium magnet compression driver.
- + 10-inch bass woofer featuring (63.5mm) voice coil and high-efficiency, high-rigidity paper cone.
- + A coverage angle of 100°×80°, achieving uniform axial and off-axis response.
- + Two-way speaker with a phase angle deviation within 180°.
- + 15 mm multi-layer birch plywood enclosure surface treated with a water-based paint
- + Sonic Guard protection technology.
- + Built-in 35 mm pole mount.
- + Preset universal lifting points for installation.
- + Rotatable logo.

APPLICATIONS

- + Sound reinforcement of KTVs, bars, nightclubs, auditoriums.
- + Side fill / delay fill / diffusion.
- + Bars, restaurants schools, offices meeting rooms.
- + Houses of worship.
- + Leisure and entertainment venues, retail outlets.
- + Theatre auxiliary sound.



UK-810

10-INCH, TWO-WAY, PASSIVE LOUDSPEAKER SYSTEM

The UK-810 stands as an innovative, compact, and versatile high-end speaker with rear-ported design. It offers a frequency response of 50Hz to 20kHz (-10 dB) and boasts an impressively smooth phase curve.

Designed in a trapezoidal shape, the UK-812 enclosure features the distinctive FANE logo, showcasing the brand's identity. Sporting a 10-inch bass unit with a 2.5-inch (63.5mm) voice coil and a 1.75-inch neodymium high-frequency unit mounted on a 100°×80° constant directivity horn, the UK-810 ensures exceptional audio performance. Its enclosure comes equipped with M8 internal mounting points on the top and sides, enabling effortless hanging installation. Additionally, a 35mm pole mount enhances its versatility across various applications. With an average sensitivity of 96dB and an AES power handling capacity of 400W, the UK-810 stands ready for demanding scenarios.

The UK-810 speaker system adopts a compact box design, augmented by rear vented ports. This configuration optimally reduces group delay in the low-frequency range, resulting in improved speed and reduced non-linear distortion. This translates to a lively, warm bass reproduction that excels in any environment. The cabinet is expertly crafted from 15mm birch plywood, adorned with a resilient black water-based finish for durability. Connectivity is facilitated by two Neutrik NL-4 sockets (1+1-input, 2+2-link) on the rear connector plate.

A unique feature of the UK-810 is its rotatable logo on the front grille, allowing it to be positioned at any angle for optimal visibility. The grille itself is reinforced with acoustically transparent cotton, effectively shielding internal components from rain and dust while maintaining exceptional sound quality.



Power Handling Program Peak	400 W (AES) 800 W 1600 W
Nominal Impedance	8 Ω
Average Sensitivity	96 dB @ 1W/1m
Calculated Maximum SPL / 1m	121 dB (continuous) 124 dB (program) 127 dB (peak)
Frequency Response	75 Hz - 19 kHz (±3 dB) 55 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	50 Hz - 19 kHz (±3 dB)
Nominal Directivity (-6dB)	100° (H) x 80° (V)
Recommended Amplifier	≥ 500 W @ 8Ω (no clip) in specified frequency response
Recommended Low Cut Full Range: with Sub:	55 Hz, 18 dB/ oct Butterworth 70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
Crossover	Passive @ 1.9 kHz
Low Frequency Driver	Fane transducer, 8Ω impedance, 10" (254 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	14x M8x Internal mounting brackets 6x M10x Internal mounting brackets
Pole Mount	35mm
Connectors	2 Neutrik Speakon NL4
Cabinet	CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood
Finish	Black water-based paint
Cabinet Size (HxWxD)	560 x 326.5 x 365 mm
Shipping Carton Size (HxWxD)	640 x 402 x 440 mm
Weight	18 kg net 20 kg gross

