UK-810

MADE IN IENGLAND



UK SERIES



FEATURES

- 1.75-inch (44mm) voice-coil non-metallic diaphragm neodymium magnet compression driver.
- 10-inch bass woofer featuring (63.5mm) voice coil a high-efficiency, highrigidity paper cone.
- ★ A coverage angle of 100°×80°, achieving uniform axial and off-axis response.
- A two-way speaker with a phase angle deviation within 180°.
- + 15 mm multi-layer birch plywood enclosure surface treated with a wearresistant black polyurea finish.
- 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

UK-810 is a novel, compact, multi-functional high-end rear ported speaker that delivers a 50Hz-20kHz (-10 dB) frequency response and an exceptionally smooth phase curve.

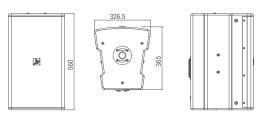
The UK-812 enclosure is trapezoidal in design, engraved with FANE's unique logo for clear brand identity. The UK-810 is equipped with a 10" bass unit featuring a 2.5" (63.5mm) voice coil and a 1.75" neodymium HF unit mounted on a 100°×80° constant directivity horn. Designed with M8 internal mounting points on both the top and sides of the enclosure to enable easy and convenient hanging installation, complimented by a 35mm pole mount that makes the UK-810 a versatile enclosure for use in many applications, delivering 96dB average sensitivity and 400W AES power handling.

UK-810 speaker system adopts a box design combining a small volume with rear vented ports. The small box can greatly reduce the group delay of the low-frequency band, which improves speed and reduces non-linear distortion. Resulting in a fast, vibrant warm bass reproduction in any environment. The enclosure is constructed from 15mm birch plywood, with a wear-resistant black polyurea 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, which can effectively provide rain and dust protection to the internal components.



Power Handling	400 W (AES)
Program	800 W
Peak	1600 W
Nominal Impedance	8 Ω
Average Sensitivity	96 dB @ 1W/1m
Calculated Maximum SPL / 1m	121 dB continuous
	127 dB peak
Frequency Response	75 Hz - 19 kHz (±3 dB)
	50 Hz - 20 kHz (-10 dB)
Manufacturing Consistency	50 Hz - 19 kHz (±3 dB)
Nominal Directivity (-6dB)	100° (H) x 80° (V)
Recommended Amplifier	$\leq 500 \text{ W } @ 8\Omega \text{ (no clip) in specified fre-}$
	quency response
Recommended Low Cut	50 Hz.18 dB/ oct Butterworth
Full Range:	70 to 140 Hz, 24 dB/ oct Linkwitz-Riley
with Sub:	70 to 140 Hz, 24 db/ oct Linkwitz-hiley
Low Frequency Driver	Fane transducer, 8Ω impedance, 10" (254
	mm) diameter, high temperature voice coil
	on glass fibre former
High Frequency Driver	1.75" (44 mm) voice coil, neodymium
	magnet, 8Ω impedance compression drive

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 polyurea finish Cabinet Size (HxWxD) 560 x 326.5 x 365 mm Shipping Carton Size (HxWxD) 640 x 396 x 435 mm Weight 18 kg net 20 kg gross	Flying Hardware	M8 Internal mounting brackets
Cabinet CNC made with tongue and groove assembly, 15 mm void-free, exterior grade, birch plywood Finish Black polyurea finish Cabinet Size (HxWxD) 560 x 326.5 x 365 mm Shipping Carton Size (HxWxD) 640 x 396 x 435 mm Weight	Pole Mount	35mm Metal
Cabinet 15 mm void-free, exterior grade, birch plywood Finish Black polyurea finish Cabinet Size (HxWxD) 560 x 326.5 x 365 mm Shipping Carton Size (HxWxD) 640 x 396 x 435 mm Weight 18 kg net	Connectors	2 Neutrik Speakon NL4MP
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Shipping Carton Size (HxWxD) 640 x 396 x 435 mm Weight 18 kg net	Finish	Black polyurea finish
Weight 18 kg net	Cabinet Size (HxWxD)	560 x 326.5 x 365 mm
Weight	Shipping Carton Size (HxWxD)	640 x 396 x 435 mm
	Weight	



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