

# UK-810

## UK SERIES

MADE IN  
ENGLAND



### 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, high-rigidity paper cone.
- + A coverage angle of  $100^{\circ} \times 80^{\circ}$ , achieving uniform axial and off-axis response.
- + A two-way speaker with a phase angle deviation within  $180^{\circ}$ .
- + 15 mm multi-layer birch plywood enclosure surface treated with a wear-resistant 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.



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

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

