

# U SUB

The KS AUDIO **U SUB** belongs to the new generation of Subwoofers tailored to modern demands of contemporary sound reinforcement.

The high-performance hybrid subwoofer for reproducing frequencies down to 30 Hz and despite its compact dimensions, it produces an impressive, powerful and dry bass that never loses its musicality.

The optimally tuned, horn-shaped multiplex enclosure with bass reflex tuning accommodates two extremely durable 18" high-performance chassis with a 100mm voice-coil and a linear stroke of 60 mm. The load capacity is 6.4 kW<sub>peak</sub>.

Thanks to the linear flared bass reflex design, the result is extremely high efficiency and low distortion thanks to minimal losses at the tunnel port. This is especially true at high levels, while increasing the efficiency of the LF system and extending the frequency response below 40 Hz.

The large central linear bass reflex horn provides greater directivity forward when several cabinets are placed one above the other or vertically side by side.

Three stacked **U SUB** have a good height to serve as a platform for full-range systems. In addition, the combination of 3 cabinets can serve as a 2/1 cardioid subsystem. Useful is that also reverse subs can be firmly connected to each other with the U SUB-flyware.

Compact dimensions and exceptional power reserves combined with minimal distortion make the **U SUB** a modern and flexible tool for touring and large installation applications requiring extreme low-frequency sound pressure and maximum control over dispersion.

The recommended TA 2D and TA 4D / F MOD - in bridge mode- controller amplifiers provide the necessary power, frequency response correction and limiters for the drivers. One **U SUB** can be connected to one channel of a bridged TA 4D or to one channel of the TA 2D.

As with all KS AUDIO systems, the cabinet construction is made of birch plywood and has an extremely robust anthracite-coloured PU coating. On request, the surface can be painted in any RAL colour.



High efficient hybrid technology ✓

2x 18" cone woofer 4" voice-coil ✓

6400W power handling ✓

142dB max SPL ✓

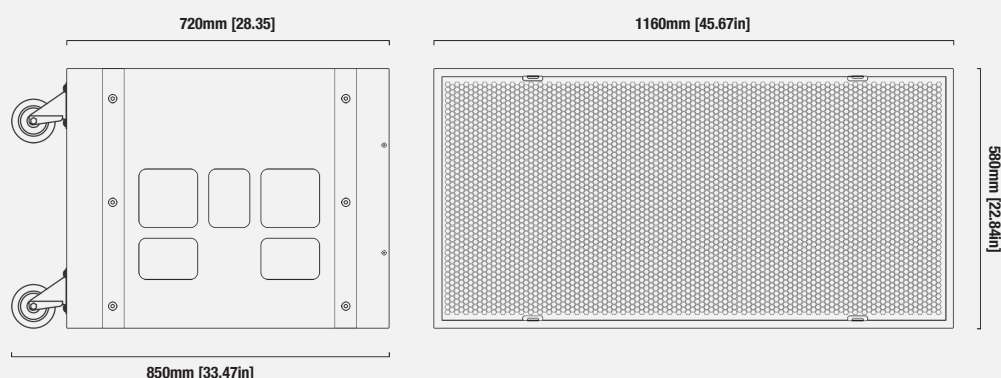
Furthermore, the **U SUB** is equipped as standard with:

- Steel protection grille with acoustic foam - also available without on request
- Integrated Multigrip handles
- Integrated U SUB flyware
- 4 cabinet wheels
- Connector panel with 2 speakON NL4 connectors



## SPECIFICATIONS

Frequency response	38 - 120Hz $\pm 3$ dB 32 - 120Hz $\pm 6$ dB
KS AUDIO F MOD / D MOD hi-cut modes	70Hz / 100Hz / 120Hz
Max. SPL (1m, free field) with TA 2D	142dB
Directivity	Omni directional   cardioid configurations
Transducers	Two 65mm long excursion 18" ND cone 4" double layer voice-coil
Power handling AES RMS/peak	3200W / 6400W
Acoustic principle	Hybrid
Nominal impedance	4 $\Omega$
Connectors	Two speakON NL4



**88kg | 194lb**