

# C WH

The **C WH** belongs to the new generation of subwoofers that have been tuned to the modern demands of contemporary sound reinforcement. Despite its compact size, it produces an impressive, powerful and dry bass that never lacks musicality.

The loudspeaker cabinet is a hybrid principle, both vented and front-loaded, using a single 18" chassis and delivering performance of the highest quality.

A special feature of the **C WH** is its extremely durable 18" speaker chassis with long excursion, 100 mm voice coil and reinforced cone. Also special is the method of sound displacement.

"The air volume behind the membrane forms a resonance chamber with the reflection tunnel. This increases the radiation impedance (resistance) in the range of the resonance frequency and so the efficiency and damping at the rear of the loudspeaker.

The reflection tunnel opens into an air volume (chamber) in front of the membrane, which also increases the radiation impedance there for higher frequencies. At the same time, the flow velocity from the bass reflex tunnel is reduced in this area by means of the shape of this chamber, which greatly reduces air noise.

This very clever design increases efficiency and sound quality, especially below 40 Hz, where compact designs often require drastic electronic correction for a smooth frequency response down to the sub-bass range."

As the most ideal amplifier we recommend a TA 2D but a TA 4D in 2-channel bridge mode is also very suitable. The load on a TA 2D is 3 C WH per channel, on a TA 4D in bridge mode it is two C WH.

The small size of the **C WH** makes it particularly suitable for locations where space on and around the stage is limited. In addition, the **C WH** is the right subwoofer to fly as a low extension of the VC LINE and the P LINE.

The integrated CP-Flyware enables safe stacking and rigging of multiple **C WH** but also directly connects to the VC LINE and P LINE. Three **C WH** subwoofers stacked on top of each other provide the right height for stacking C 1214 fullrange systems or groundtack line arrays.



High efficient hybrid technology



18" cone woofer 4" voice-coil



RIG CP flyware



2800W power handling



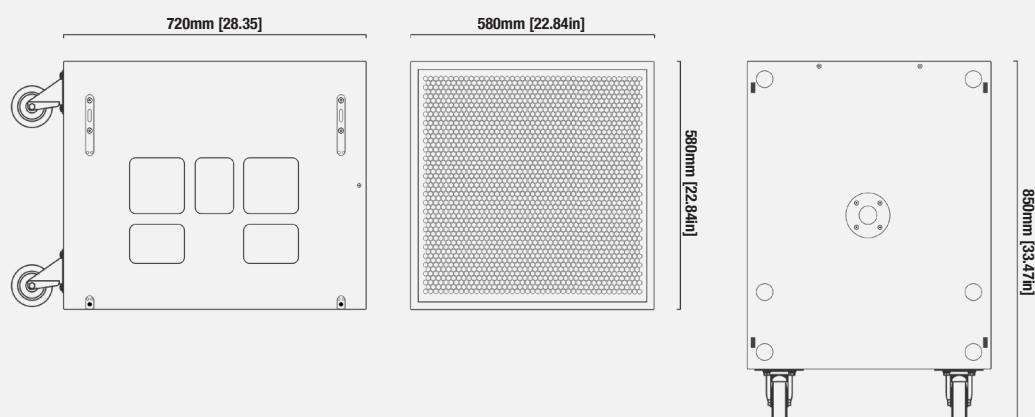
136dB max SPL



As in all KS AUDIO loudspeakers, the cabinet construction is made of birch multiplex and has a very durable PU coating. The multigrip handles on the sides provide easy handling. M20 threaded stand flange, stacking feet, a solid speaker grill with foam are further features of this quality product.

## 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	136dB
Directivity	omni directional   cardioid configurations
Transducers	one 18" Cone 4" Voice-coil
Power handling AES RMS/peak	1400W / 2800W
Acoustic principle	Hybrid
Nominal impedance	8 $\Omega$
Connectors	Two speakON NL4



54kg | 119lb