

# KRK12sHO

Powered Subwoofer

PRODUCT OVERVIEW



## FEATURES

- **Curved Baffle** Curved front plate design virtually eliminates diffraction distortion
- **Front-firing Port** provides low frequency extension while reducing boundary coupling and the unique shape is optimized to avoid port turbulence
- **Bypass Footswitch Control** allows you to defeat the sub and provide full range audio to your recording monitors for use with a standard latching ¼ inch mono footswitch
- **Kevlar 12" Driver** –High Excursion woven Kevlar driver cone
- **Thermal and Overload / Clip Protection** to prevent damage
- **Input Sensitivity** on rear of unit allows a high resolution gain range, labeled are positions for MUTE, +6dBu and -8dBu

The KRK12sHO powered subwoofer is the perfect High Output choice for professional studios, where ultra-accurate bass extension and maximum sound levels are required. Powered by a massive 400 watt amplifier and a strengthened version of our signature Kevlar woofer, the KRK12sHO is the no-compromise way to hear what is happening in the depths of your mix. Subwoofers allow you to use smaller main monitors, make it possible to monitor the essential low frequency range and can be a great solution for space-challenged control rooms or mixing environments.

While subsonic frequencies are heavily implemented in some musical genres, all studios benefit from the use of a sub to monitor this low frequency content. With the prevalent use of home theater systems, as well as commercial systems in clubs and cinemas – production studios require the capability to identify and correct problems such as unwanted low frequency components, exterior noise, microphone rumble and vibrations. The increase of home and project mastering means many potentially great pieces of music are being poorly represented when played back on a larger system. When dealing with subsonic frequencies if they cannot be heard accurately they cannot be mixed accurately.

Having an incredibly capable subwoofer is critical when it is combined with powerful near-field monitors, such as the Exposé or a VXT8 driven to high sound pressure levels. In a stereo configuration the subwoofer will have to produce the bass that would normally be generated by the monitors -- that alone can exceed the headroom of an ordinary sub. In a surround sound configuration the subwoofer has to reproduce all of the low-frequency information from five or more channels as well as the demanding bass content of the LFE channel. These challenging applications can place demands far exceeding the capabilities of normal low frequency drivers and power amplifiers. This is where the performance of the KRK12sHO shines.



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## SPECIFICATIONS

Model	KRK12sHO
Configuration	Front loaded, vented subwoofer
System type	Active Subwoofer
Low-Frequency	12" woven Kevlar High Performance woofer
Frequency Response	29.2Hz - 60Hz - 160Hz (left / right inputs), 29.1Hz - 211Hz (LFE input)
Max Peak SPL	123 dB
Amplifier Class	Class A-B
Power Output	400 Watts Continuous @ 1% THD+N @ 100Hz
SNR (signal to Noise Ratio)	92dB
Amplifier Distortion (THD+N)	≤ 0.01% @-3dB of Maximum Power Output 20Hz - 200Hz
Input Impedance (Ohms)	10 kΩ Balanced
Ground Lift	On / Off
Low Pass Frequency	60Hz to 160Hz
HPF bypass	with footswitch only
Footswitch	included
Phase	Rotatable Phase + Polarity Switch
System Volume	-30dB to +6dB
Indicators	Power, protection, limiter
Input Connectors	Balanced XLR for Left and Right Inputs
LFE input	Balanced XLR
Output Connectors	Stereo Balanced XLR for left and right, full range with foot switch engaged, 80Hz HP without foot switch engaged.
AC Power Input	Selectable 110V-120V / 220V-240V
Enclosure Construction	18mm and 36mm reinforced MDF
Finish	Textured Paint
Port Configuration	Front Firing Quad Concentric Slot Ports
Grille	
Dimensions (H x W x D)	20" (508 mm) x 20" (508 mm) x 22.48" (571 mm)
Weight	109.7 Lbs. (49.7 Kg.)

### Accessories Shipped with Product

- Footswitch for bypass operation, with remote indication of bypass
- Cable for footswitch (5m)
- Feet – Rubber and Spikes
- User Guide / Warranty

