FRENEXPORT

CORE151
CURVE ARRAY SYSTEM WITH 3X 8" FULL RANGE, 12X 1" DOME TWEETER AND 15" BASS-REFLEX ACTIVE SUBWOOFER

The new CORE system from Studiomaster uses a specially designed curved array to provide a controlled and highly effective sound diffusion.

Combining the curved array with a powerful bass reflex subwoofer giving up to 2800W of low-end power, the whole system can provide 4400W peak (1100W RMS) in a compact, portable system that will give you the reach and sonic quality expected of an ultra-compact array system.

To complete the system, the CORE comes with a built-in 4 channel mixer, with DSP control and Bluetooth® connectivity.

The CORE system is designed to be simple to set-up and use. The air-suspension adjustable speaker pole includes internal wiring, so just lift and place the lightweight curve array on top of the pole. Connect your power and you are good to go!
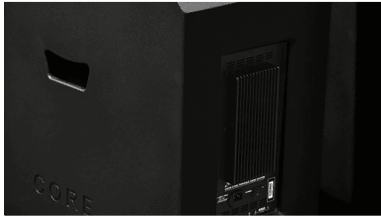
Truly an ALL-IN-ONE system. Perfect for any performance.

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HIGHLIGHTS

SUB BASS

Any modern portable PA system needs to produce clear highs and thumping bass. The CORE system is no exception. The tuned active sub bass is a bass reflex, phase inverted design incorporating up to an impressive 700W + 400W amplifier module, capable of delivering power to the sub and to the curve array system.

SLEEK & COMPACT DESIGN

The wooden cabinet is made to the highest standards with durable paint finish and large easy to grip handles.

With the 15" CORE151 taking a minimal floor space of only 485mm x 585mm, the system will fit on virtually any stage or in any venue.

In addition to the power amplifier and switch mode power supply, the sub bass also houses the control panel, angled so is easy to connect, set-up and operate mid-event.

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CABLE FREE FOR A FAST & RELIABLE SET-UP

The curve array is connected via the specially designed top-hat sockets, which are used not only to space the curve array at the right height but also pass the audio signal through the pole to the curve array without the need for any cables.

CURVE ARRAY FOR OPTIMAL COVERAGE

Utilizing a carefully designed angled cabinet housing the 3x 8" mid frequency drivers along with an angled array of 12x 1" dome tweeters provides a super wide 100° horizontal and 55° vertical pattern. Minimizing energy wastage and providing an impressive audience coverage compared to a straight compact PA system.

All this is housed in a tough, compact cable free cabinet with a strong steel grille to protect the internal magic.

MULTIPLE CHANNELS WITH DSP & BLUETOOTH®

The processing available is all through a simple DSP interface with a backlit LCD screen and a single control.

Choose a preset DJ, MUSIC or VOCAL and have access to three band EQ, output delay, master volume and useful metering of all channels.

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PRODUCT DETAILS

KEY FEATURES

All-in-one Curved Array Special Design for Highly Effective Sound Definition

Super Wide 100° Horizontal and 55° Vertical Pattern

4400W Peak (1100W rms) Power Amplifiers for up to 126dB Max SPL

3x 8" Full-range Custom Drivers for Mid-range

12x 1" Dome Tweeter for Clear High-Frequency Range

15" Bass-Reflex Active Subwoofer for thumping bass

Easy to use DSP Interface

Integrate 4-CH mixer

Top-hat sockets with internal wiring from sub to top

Easy setup design with air-suspension adjustable speaker pole

SPECIFICATIONS

CORE 151 CURVE ARRAY SPECIFICATION	
Speaker MF	3x8" Neodymium full range driver
Speaker HF	12x1" dome tweeter
Coverage	100° (h) x 55° (v)
Rated power	400W (rms)
Rated impedance	6?
Dimensions	255mm x 670mm x 285mm (450mm max)

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Net weight	11,5 kg

CORE 151 SUB

Speaker LF	1x15" high excursion low frequency driver
Rated power	700W (rms)
Max SPL	126 dB
Frequency response (System)	35Hz - 18kHz
Amplifier power	700W (LF) + 400W (MF/HF) (rms)
Rated impedance	4?
Dimensions	485 x 725 x 585mm
Net weight	37,5 kg

CORE 151 MIXER

DSP:24bit module with mode, EQ, limiter, delay and mix level control

Inputs	2 x mic (XLR) / line (6.35mm jack) balanced; 1 x instrument Hi-Z (6.35mm jack); 1 x stereo line (RCA phono) / Bluetooth®
Outputs	2 x balanced line / link output (XLR); 1 x balanced line / link MIX output (XLR)