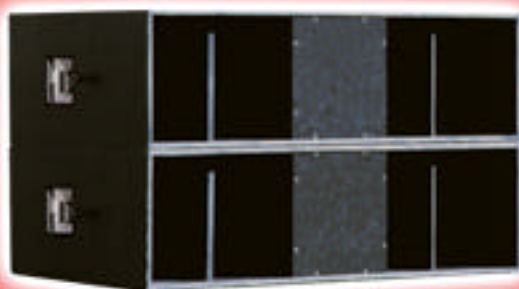




HIGH PERFORMANCE STEREO™ 545 Series Digital-Ready Motion Picture Subwoofers

The most powerful subwoofers in the history of motion pictures!



**545-W
SUBWOOFER SYSTEM**



**545-W.5
SUBWOOFER SYSTEM**

Since its founding in 1979, High Performance Stereo™ has become the motion picture industry leader in the development and installation of high efficiency, fully horn loaded loudspeakers. The quality and success of the HPS-4000® sound system has been based on the unprecedented performance of such speaker systems.

The 545 series is built by hand and represents the highest level of achievement in loudspeaker design ever offered for the cinema.

Most subwoofer systems offered for motion picture theatres have a one watt / one meter sensitivity around 95 dB: less than our surround speakers. Less sensitive subwoofers have less output. So much less, it requires FIVE of them for every HPS® 545-W.

Consider these 545-W features: 109 dB one watt / one meter sensitivity; more than 20 times the acoustic output and far less distortion when compared to typical subwoofers; the most powerful production low frequency speaker available in the world.

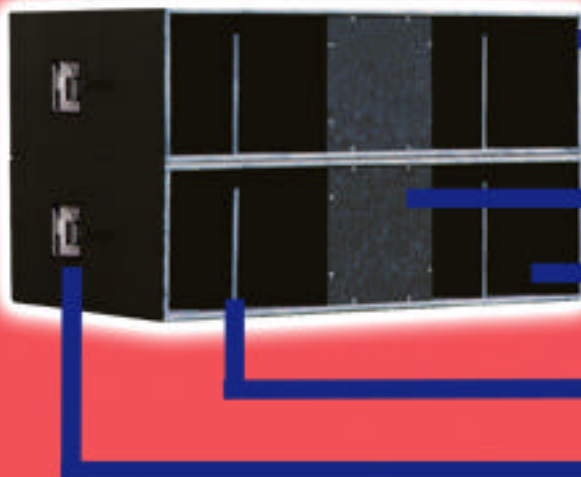
The 545-W woofer uses two specially designed, highly reliable 15 inch woofer drivers mated to a folded exponential horn featuring a newly updated throat design. The radiating area of just ONE of these woofer systems is 30 percent greater than the entire low frequency radiating area of ALL the screen speakers in a typical competitive theatre sound system. To put it more simply We've got the best bass in the business!

The 545-W is built in two separate modules, each called the 545-W.5. These versatile modules can be used in stacks of two, three or four.

Another handy feature is the ability of a 545-W.5 module to be placed vertically on our exclusive WMX horn extension. This provides subwoofers with the power demanded by digital soundtracks, in a depth of 20 inches!

Because so few of them are required to reproduce the dynamics demanded by digital sound, the HPS® 545-W and 545-W.5 subwoofers represent the lowest cost subwoofer solution available for the modern cinema.

HIGH PERFORMANCE STEREO™ 545-W Series Digital-Ready Motion Picture Subwoofers



World's most powerful motion picture woofer system • No baffle walls required • Constructed in modules for easier handling
 • Improved throat design
 • Less than 1/20 th of the power required when compared with typical subwoofers.

Specially designed HPS® 15 inch low frequency drivers in sealed back air chambers • They cannot "bottom."

Folded exponential bass horn • 10 1/4 square foot radiating area • Cinema's most natural sounding bass.

Extensive bracing, inside and out, minimizes annoying resonances.

Heavy duty No. 6 gauge input connection terminal • Handles for easy lifting.

SPECIFICATIONS, ONE MODULE / TWO MODULES:

Sensitivity, 1W / 1 M	106 / 109 dB
Peak Power Capacity	>750 / >1500 Watts
Frequency Response, 40 - 400 Hz	±2.5 dB
Minimum Impedance	8 / 4 Ohms
Input connection	Heavy Duty Terminal Block

DIMENSIONS PER MODULE:

Width at front	68 1/4" (173.36 cm)
Width at rear	32" (81.28 cm)
Height	17" (43.18 cm)
Depth	44" (111.76 cm)
Weight	135 LBS. (61.24 kg)

HIGH PERFORMANCE STEREO™

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