



SERIES

MIX

BRING THE
CINEMA EXPERIENCE
TO YOUR HOME

MODULAR SPEAKER SYSTEM



Custom Installation Product of the Year



Winner 2017- 30 Products over 30 Years

KRUX
EXPERIENCE SOUND

REAL CINEMA AT HOME

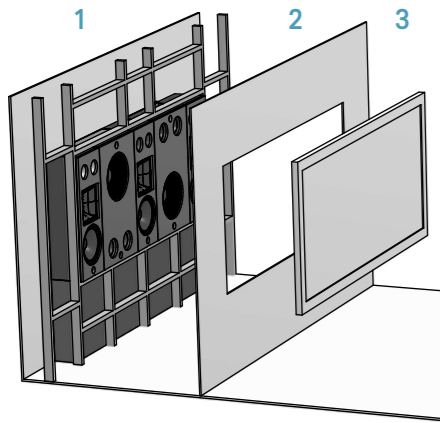
The object of a home cinema is to reproduce the experience of going to the movies, but in the convenience of your own home. Krix speaker systems have been installed in over 3000 commercial cinemas worldwide and Krix are now bringing the cinema experience closer with the release of these uniquely designed modular screen speaker systems.

Completely immerse yourself in the latest three dimensional audio formats found on the latest action movies by adding Krix surround and overhead speakers.

EASY TO INSTALL

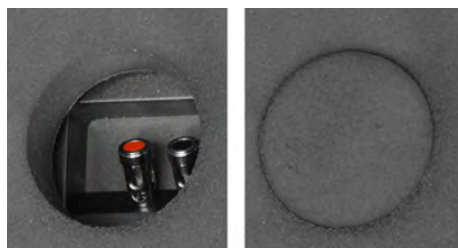
The Series MX systems are designed to be installed behind an acoustically transparent screen, just like the speakers in a commercial cinema. They create a wall of sound directly from the picture, so everyone gets the full movie experience and impact.

The five speaker modules (left, center, right and two subwoofers) in each system are all the same height and depth, making the design of the room and installation of the speaker system much simpler.



FRONT MOUNT CONCEALED TERMINALS

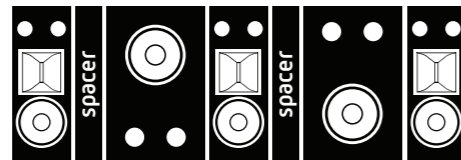
Simply slide the modular system into its allotted space and connect the speaker cables into the special recess at the bottom of each enclosure, then replace the plug to conceal the cables.



WIDE RANGE OF ROOM AND SCREEN SIZES

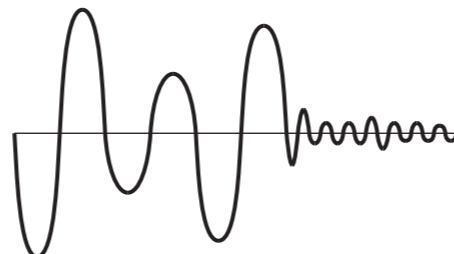
These modular systems are expandable beyond a minimum width with the use of low frequency absorption spacer modules. This allows larger screen sizes to be used by spacing out the left and right screen channels to increase the soundstage.

The spacer modules are narrow enclosures filled with acoustic absorption material and covered with the same acoustic absorbent panels as the screen speakers.



MASSIVE DYNAMIC RANGE

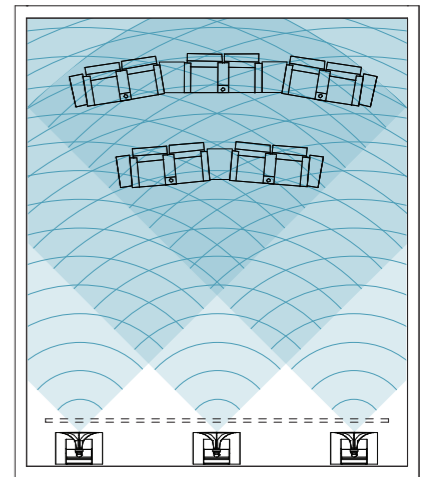
These cinema speakers are the real deal; the components and drivers are the same as those used in commercial cinemas. They are therefore efficient, powerful and reliable and present a very easy load for the amplifier. Together with the Krix Infinite Baffle System they do not need large amounts of power to give you the full cinema experience.



CONTROL AND DEFINITION

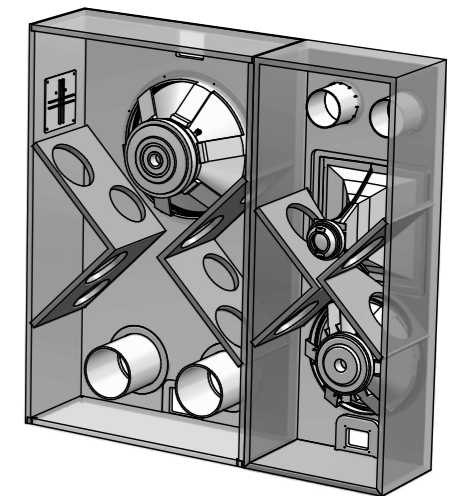
Proprietary horn and waveguide designs have been developed by Krix over a 10 year period using powerful Finite Element Analysis (FEA). This patented horn technology provides exceptionally flat frequency response, precise pattern control, and very low distortion. Seamlessly coupled with the dispersion pattern of the woofer, the sound is focused on the audience and away from the walls, resulting in reduced reflections which can muddy the sound.

The specially engineered bass drivers are professional low frequency loudspeakers and offer superb bass performance, high peak program power handling and high efficiency, capable of extreme sound pressure levels. The smooth response, wide frequency and dynamic range are features not often achieved in one woofer. The bass drivers have an oversized ferrite magnet structure with components engineered to achieve maximum efficiency. Symmetrical gap geometry combined with the large linear voice coil travel ensures minimum distortion at all levels.



CABINET CONSTRUCTION

Built from 18mm MDF with a black vinyl veneer, the cabinet is braced with Krix proprietary "X bracing". This technique braces all the panels of the box in an asymmetrical way and also provides appropriate baffling to virtually eliminate standing waves in the enclosure and reduce panel vibrations.

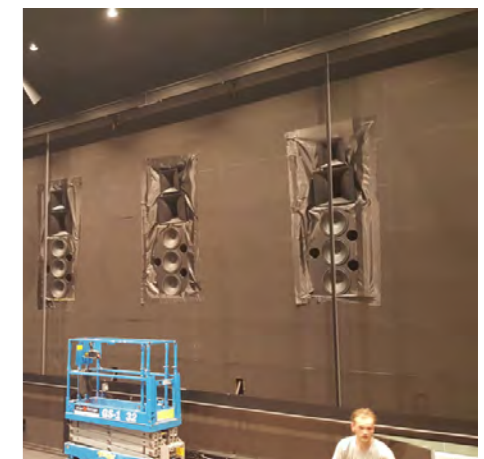


KRIX INFINITE Baffle WALL

Krix first started installing speaker systems in commercial cinemas in the early 1980's. The Krix engineering team pioneered the "Krix Infinite Baffle System" in the Capri cinema in Adelaide, which has since been utilised in over 3000 commercial cinemas worldwide. The concept provides a solid wall or half space that is continuous with the speaker front baffles. This alleviates any sound leakage into the space behind the screen, which can affect sound clarity by mixing reflected sound with direct sound from the loudspeakers.

The front baffle of each module is covered with an acoustic absorbent material to absorb any sound reflecting off the back of the screen or the room itself. This assists greatly with the acoustic treatment of the room to ensure better intelligibility and overall sound performance.

The Krix Series MX systems offer all the benefits of the "Krix Infinite Baffle System" in a modular design. Combined with the matching surround speakers that best suit the room space and design, Krix can truly deliver the excitement, presence and impact of "real cinema at home".



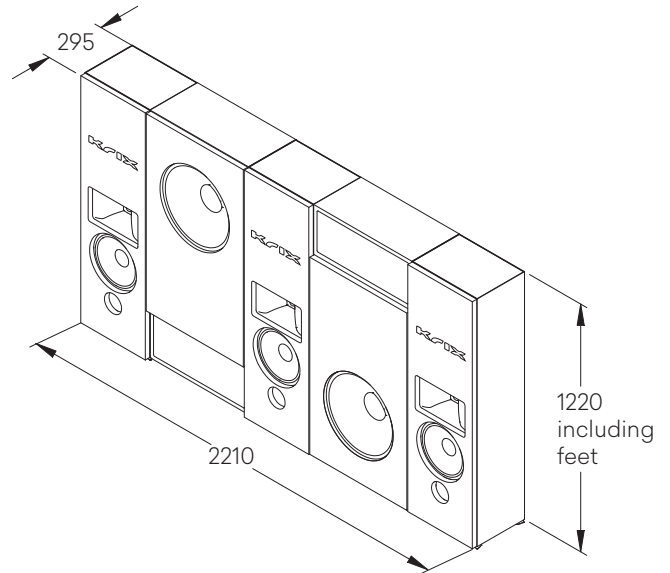
System

MX-20

Recommended room depth - for commercial Dolby SPLs	4-7m
Minimum screen size 16:9 HDTV	100" (2210x1243mm)
Minimum screen size 21:9 scope	120" (2806x1184mm)

For larger screens, using spacers is recommended (see below)

Elements	MX-20LCR	MX-20SUB
Frequency Range (Hz)	40-20k	25-500
Power Handling (Watts IEC AES)	250	700
Power Handling Program (Watts)	500	1400
Sensitivity (dB/2.83V/1m half space)	97	96
Bass Driver Diameter (Voice Coil)	10" (50mm)	15" (100mm)
High Frequency Driver	28mm dome 90x40° waveguide	-
Impedance (Ω)	8	8
Height (mm)	1200	1200
Height including feet (mm)	1220	1220
Weight (kg)	31	45



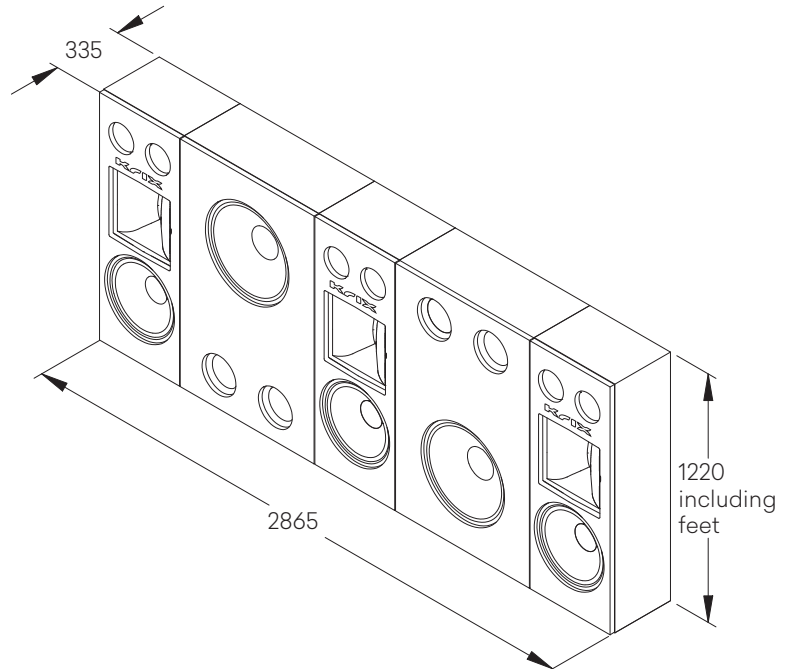
System

MX-30

Recommended room depth - for commercial Dolby SPLs	5-14m
Minimum screen size 16:9 HDTV	130" (2880x1620mm)
Minimum screen size 21:9 scope	120" (2806x1184mm)

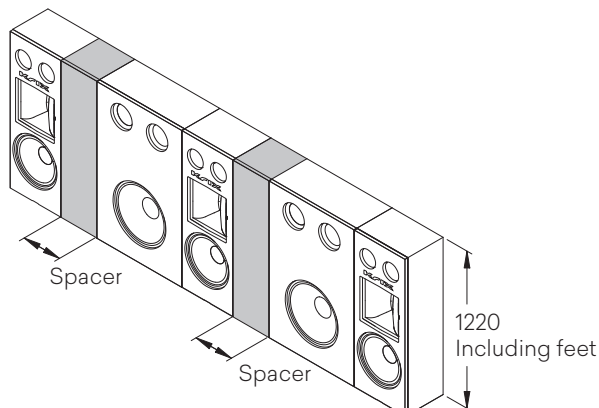
For larger screens, using spacers is recommended (see below)

Elements	MX-30LCR	MX-30SUB
Frequency Range (Hz)	38-16k	25-500
Power Handling (Watts IEC AES)	350	700
Power Handling Program (Watts)	700	1400
Sensitivity (dB/2.83V/1m half space)	98	100
Impedance (Ω)	8	8
Bass Driver Diameter (Voice Coil)	15" (77mm)	18" (100mm)
High Frequency Driver	44mm Compression driver 90x40° horn	-
Height (mm)	1200	1200
Height including feet (mm)	1220	1220
Weight (kg)	48	65



Low Frequency Absorption Spacer Module

For large screens, it is recommended to use the spacer modules to widen the position of the left and right speakers. Placing the spacers asymmetrically around the centre channel will offset the two subwoofers, helping to reduce room modes.



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