BRING THE CINEMA EXPERIENCE TO YOUR HOME

modular speaker system

KRIX®
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 now Krix are bringing the cinema experience closer with the release of these uniquely designed modular screen speaker systems.

Add the latest in 3D audio with Krix surround and Dolby ATMOS overhead speakers and you will be completely immersed in the three dimensional sound tracks found in the latest action movies and thrillers.

easy to install

These speaker 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.

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

These proprietary products have been developed by Krix over a 10 year period using powerful Finite Element Analysis (FEA). Krix patented horn technology provide 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.

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 foam plug to conceal the cables.

wide range of room & screen sizes

These modular systems are expandable beyond a minimum width with the use of spacer or filler elements. This allows larger screen sizes to be used by spacing out the left and right screen channels to increase the sound stage.

The spacers are essentially narrow enclosures of the same construction and material as the screen speakers with the absorbent material attached.

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 are 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 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.

krix infinite baffle wall

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 propriety “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.
System

**MX-20**

*Recommended room depth - for commercial Dolby SPLs*  
4-8m

*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)*

<table>
<thead>
<tr>
<th>Elements</th>
<th>MX-20LCR</th>
<th>MX-20SUB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range Hz</td>
<td>40-20k</td>
<td>25-500</td>
</tr>
<tr>
<td>Power Handling Watts IEC AES</td>
<td>250</td>
<td>700</td>
</tr>
<tr>
<td>Power Handling Program</td>
<td>500</td>
<td>1400</td>
</tr>
<tr>
<td>Sensitivity dB 2.83V 1m half space</td>
<td>97</td>
<td>96</td>
</tr>
<tr>
<td>Bass Driver Diameter / Voice Coil</td>
<td>10&quot; / 50mm</td>
<td>15&quot; / 100mm</td>
</tr>
<tr>
<td>High Frequency Driver</td>
<td>28mm dome</td>
<td>90x40° waveguide</td>
</tr>
<tr>
<td>Impedance Ohms</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Height mm</td>
<td>1200</td>
<td>1200</td>
</tr>
<tr>
<td>Height including feet mm</td>
<td>1218</td>
<td>1218</td>
</tr>
</tbody>
</table>

*Due to continued development, specifications may change without notice*

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)*

<table>
<thead>
<tr>
<th>Elements</th>
<th>MX-30LCR</th>
<th>MX-30SUB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency Range Hz</td>
<td>38-16k</td>
<td>25-500</td>
</tr>
<tr>
<td>Power Handling Watts IEC AES</td>
<td>350</td>
<td>700</td>
</tr>
<tr>
<td>Power Handling Program</td>
<td>700</td>
<td>1400</td>
</tr>
<tr>
<td>Sensitivity dB/2.83V/1m half space</td>
<td>98</td>
<td>100</td>
</tr>
<tr>
<td>Impedance Ohms</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Bass Driver Diameter / Voice Coil</td>
<td>15&quot; / 77mm</td>
<td>18&quot; / 100mm</td>
</tr>
<tr>
<td>High Frequency Driver</td>
<td>44mm compression driver</td>
<td>90x40° horn</td>
</tr>
<tr>
<td>Height mm</td>
<td>1200</td>
<td>1200</td>
</tr>
<tr>
<td>Height including feet mm</td>
<td>1218</td>
<td>1218</td>
</tr>
</tbody>
</table>

*Due to continued development, specifications may change without notice*

**Spacers**

For larger screens using spacer to block out the left and right speakers is recommended. Placing the spacers asymmetrically around the center channel will offset the two subwoofer helping to reduce room modes.

Krix Loudspeakers Pty Ltd  
14 Chapman Road  
Hackham SA 5163  
Australia

T 61 8 8384 3433  
F 61 8 8384 3419  
listen@krix.com