



# Australian Monitor

## Cinema Loudspeaker System



Australian Monitor Cinema Theatre Speaker system is developed to be highly efficient, suitable for cinemas of up to 300 persons. With capability of 3dB more than comparable systems, you get clear and accurate sound with less Amplifier power by our THX approved K88 2 X 450W Amplifier, to provide you with the best match of sound and budget.

### Main Front of House

High Performance, controlled directivity loudspeaker system utilising two 380mm (15") bass units in vented enclosure, and constant directivity horn and 50mm (2") compression driver, Signal crossover and system equalisation via high power passive filter set.

Horn adjustable over range of angles in horizontal and vertical plane.

### Low Frequency Section

<b>Frequency Response</b>	34Hz - 800Hz <u>+ 3dB</u> (via network measured in half space)
<b>Sensitivity:</b>	103dB/2.83V at 1 metre
<b>Nominal Impedance:</b>	6 ohms
<b>Directivity</b>	90 x 40 (-6dB points)
<b>Power Handling</b>	600 watts
<b>Dimensions</b>	1000H x 700qW x 400D (mm)

### High Frequency Section

<b>Frequency Response</b>	800Hz - 10kHz ( <u>± 2dB</u> ) 10kHz- 20kHz (-5dB)
<b>Sensitivity</b> (via filter network)	103dB / 2.83V at 1 metre
<b>Nominal Impedance</b>	6 ohms
<b>Directivity</b>	90 x 40 (-6dB points)
<b>Power Handling</b>	80watts



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### **SPECIFICATIONS**

#### **SUBWOOFER**

Subwoofer Designed to give optimum performance when mounted in baffle wall. The speaker utilises 480mm (18") long throw bass unit mounted in vented enclosure. The tuning of vented enclosure gives stable transient response when driven from long loudspeaker cable runs.

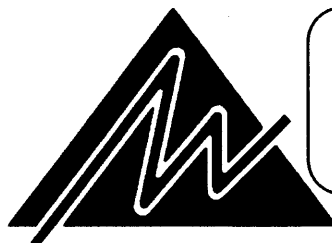
Frequency Response	28Hz - 250Hz (-3dB)
Sensitivity	99dB/2.83v at 1 metre
Nominal Impedance	8ohms
Power Handling	500watts
Dimension	860W x 600H x 400D (mm)

#### **CINEMA SURROUND LOUDSPEAKER**

Based on our Studio monitor speaker we have developed a Low Profile surround speaker utilising 200mm bass unit mounted in optimum sealed enclosure for Qtc of 0.7.

High frequency section by 25mm soft dome tweeter for wide dispersion.  
High sensitivity system with controlled crossover lobe.

Frequency Response	100Hz - 2KHz (+/-2dB) above 2kHz - 3dB per octave.
Sensitivity	90dB/2.83v at 1 metre
Nominal Impedance	10 ohms
Directivity	90 deg x 60 deg
Power Handling	50 watts
Dimensions	450H x 400W x 200D



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