



The KA-1100 subwoofer amplifier was built in-house from the ground up. This dual-mono subwoofer amplifier offers pre-configured DSP modes that are optimised to drive and maximise the performance of Krix passive subwoofers, ensuring movie soundtracks play with high output and incredibly low distortion.

DSP modes are set for Krix MX-5, MX-10, Cyclonix 11 and Cyclonix 12 subwoofers. Each mode is specifically tailored to accurately amplify the input signal to full power without compression or loss of dynamics. A third pre-set mode is for general subwoofer use. If an input signal is applied beyond the subwoofer maximum capacity, soft limiting will minimise distortion and protect the loudspeaker driver.

The KA-1100 is based on Class D amplification from ICEpower™ and includes a Krix custom-designed 24-bit signal processor board. Engineered with home cinema enthusiasts in mind, the amplifier features a fan-less design for ultra-quiet operation, 12V trigger for easy power-on and both balanced and unbalanced connection options.

The sleek and modern design allows the unit to blend in with any furniture and cabinetry, or stylishly sit amongst other electronic equipment within a rack (rack ears are included). The brushed aluminium fascia can be easily removed for access to all controls.

For the ultimate cinema experience at home, play it through Krix.

FEATURES

- Designed and assembled in Australia
- Dual-mono amplifier for MX-5, MX-10, Cyclonix 11 and Cyclonix 12 subwoofers
- 24 bit signal processor board designed and developed by Krix
- Class D amplifier module from ICE power™
- Passive cooling
- Balanced and unbalanced inputs
- Signal sensing
- 12V trigger input
- Removable fascia
- Rack ears supplied

KA-1100

Mode	Supported products	DSP setting
Mode 1	MX-5 subwoofer, Cyclonix 11	Low pass filter, high pass filter, output limiter
Mode 2	MX-10 subwoofer, Cyclonix 12	Low pass filter, high pass filter, output limiter
Mode 3	General subwoofer use	High pass filter only, output limiter

KA-1100

Product revision	1	
Input power		
Mains input voltage	100 - 240V AC~ 50/60Hz	
Output power		
Rated maximum	700W RMS per channel one channel driven @ 4 Ohms, 1% THD 550W RMS per channel both channels driven @ 4 Ohms, 1% THD	
Mode 1 limit	300W RMS per channel @ 4 Ohms	Products: MX-5 subwoofer, Cyclonix 11
Mode 2 limit	500W RMS per channel @ 4 Ohms	Products: MX-10 subwoofer, Cyclonix 12
Mode 3 limit	700W RMS per channel @ 4 Ohms	Products: General subwoofer use
Modes filters		
Mode 1, 2	Low pass filter 50 - 200Hz	
Mode 3	Low pass filter bypass	
All modes	High pass filter optimised for supported Krix subwoofers	
Distortion		
THD+N	0.001% - 200W 4 Ohms @ 100Hz	
Voltage gain		
Gain with volume @ 0dB (+6dB)	32dB (38dB)	
Voltage out @ rated maximum	53Vrms	
Audio inputs		
Unbalanced	RCA connector	
Balanced	XLR connector	
Note: unbalanced and balanced inputs should not be used simultaneously		
Trigger input		
Input voltage range	5 - 18V DC	
Weight	5.3kg	

DETAILED DIMENSIONS

