

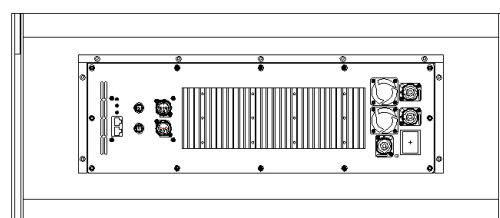
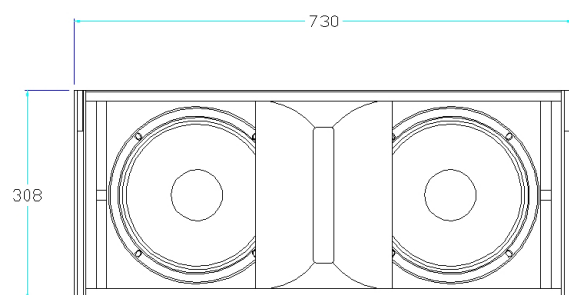
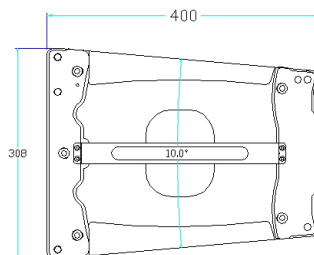
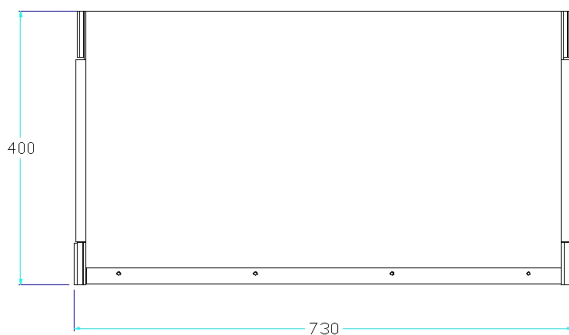
## Description

The CORE 102A is a dual 10", two way, full range, active line array module. The CORE 102A features a two-channel, 1600W RMS, Class D amplifier that is specifically designed to power its corresponding passive cabinets, the CORE 102P, but can be used in a full active line array setup if preferred. The CORE 102A also features the latest digital signal processor and the NUCLEUS FIR by Sound Barrier™ Loudspeaker Management Software. Though compact in size, the CORE 102A is a full-bandwidth system and may be used without subwoofers in many applications. Where additional low-frequency extension is required, the CORE 102A can be complemented by and is directly compatible with the CORE 10218SA (Active 18" Subwoofer) and CORE 10218SP (Passive 18" Subwoofer). The CORE 102 system is an ideal tool for outdoor sound reinforcement, live performances, and events, as well as fixed installations in theatres, concert halls or auditoriums.



## Features

- 3200 Watt Peak power - 1600 Watt RMS
- 136 dB max SPL
- 65Hz-19kHz frequency response
- 2 x 10" Neodymium Woofers
- 1 x 1.4" Neodymium Magnet Compression Driver
- DSP controlled Input section with selectable presets
- Tour grade safe and solid variable mechanics
- Solid Birchwood enclosure structurally wooden reinforced
- Amplifier Rain Cover Included



<b>Acoustic Specifications</b>	Frequency Response: Max SPL @ 1m: Horizontal Coverage Angle: Vertical Coverage Angle:	35Hz-19kHz 136dB 100° 10°
<b>Transducers</b>	High Frequency: Low Frequency:	2 x 10", 2.5" VC, Neodymium, Front Loaded 1 x 1.4", 3" VC Neodymium, Front Loaded
<b>Input / Output Section</b>	Input Signal: Input Connectors: Output Connectors:	Balanced / Unbalanced XLR, RJ45 (NUCLEUS FIR) XLR, RJ45 (NUCLEUS FIR)
<b>Power Section</b>	Total Power: High Frequency Power: Low Frequency Power: Cooling: Connection: Power Supply: Operating Voltage:	1600W RMS, 3200W Peak 400W RMS, 800W Peak 1200W RMS, 2400W Peak External Heatsink and Fan Vent Cooling Powercon IN/OUT, NL4 parallel OUT (to CORE102P) Universal, regulated switch mode 85V - 265V
<b>Processor Section</b>	Crossover Frequencies: DSP Processing: Presets: Protections: Controls:	1260Hz, -24dB/oct 32 BIT / 24 BIT 96kHz 8 Thermal, Short-circuit / Overload, non-audio signals, Clip/Limiter Volume, Preset Selector, NUCLEUS FIR (Networking, Loudspeaker Management)
<b>Compliance</b>	CE: FCC: UL:	Yes Yes Yes
<b>Physical Specifications</b>	Cabinet Material: Paint: Hardware: Handles: Grille:	Birch Plywood Black Waterproof Coarse Paint Integrated Mechanics and Magnetic Pins 2 side Steel with breathable acoustic sponge
<b>Dimensions</b>	Width: Depth: Height: Weight:	28.75" / 730 mm 15.75" / 400 mm 12.1" (9.5") / 308mm (241mm) 83 lbs / 38 kgs

