

CONCERT SERIES



218 PROCESSOR CONTROLLED SUB/BASS PACK

Applications:

- High SPL Concert Sound
- Auditorium Installations
- Houses of Worship
- Dance Music

The ARX Concert Series has been engineered to function as a unique, 'building block' system with the flexibility to easily assemble custom configurations. All cabinets have compatible dimensions for ease of flying, stacking and creating point source arrays for smooth, even coverage of any venue.

The ARX 218 is designed to be used as a Sub/Bass cabinet in conjunction with the 212 to create an extended full range package, or for Sub/Low frequency enhancement of the 922 when used in large areas or when an application requires enhanced low frequency output. It features dual 18" (460 mm) Low frequency drivers in a reflex ported design.

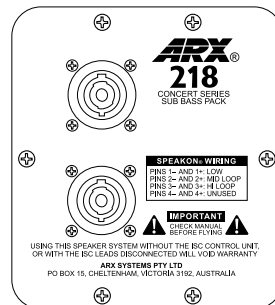
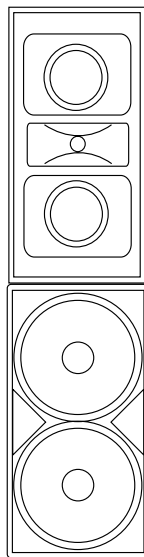
It is designed to be used as a system with the LSP-1 second generation speaker processor. This dual channel unit provides loop through connectors to a Mid/High processor, plus crossover functions, phase correction, and ARX's Interactive System Control (I.S.C.™) for speaker protection at absolute sound pressure levels.

Unlike simple in-line limiters or compressors, ISC offers true system protection without the usual loss of dynamic range, by constantly monitoring the amplifier output and comparing it with an internal model of the SOA (safe operating area) of the 218's speakers.

When the signal applied to the speaker tries to exceed that SOA, the ISC holds it at a level which is safe for the speaker to reproduce.



The 218's rectangular sides enables stacked systems to be easily and quickly assembled. Its symmetrical component layout allows maximum speed and flexibility in rigging. The 218 shares compatible frontal dimensions with other models in the Concert Series, so it can easily be incorporated into mixed arrays

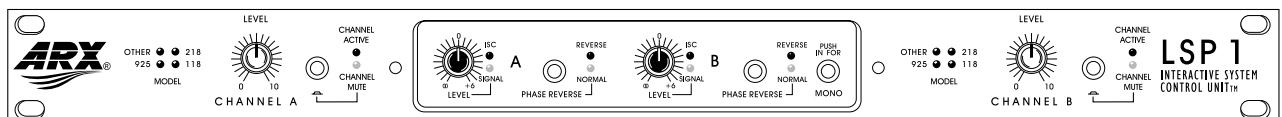


Above: 218 rear panel layout with Speakon connectors
Left: 212 stacked on 218 indicates frontal area compatibility

Features

- Rugged premium grade void free plywood outer shell
- Processor controlled with the LSP-1 for dependable performance and repeatability
- All drivers acoustically aligned for smooth, coherent dispersion
- Rectangular cabinet design for easy positioning and stacking
- Building block compatibility for assembling custom arrays
- Neutrik Speakon® Multipin connectors fitted as standard
- Flawless sound in the toughest audio environment

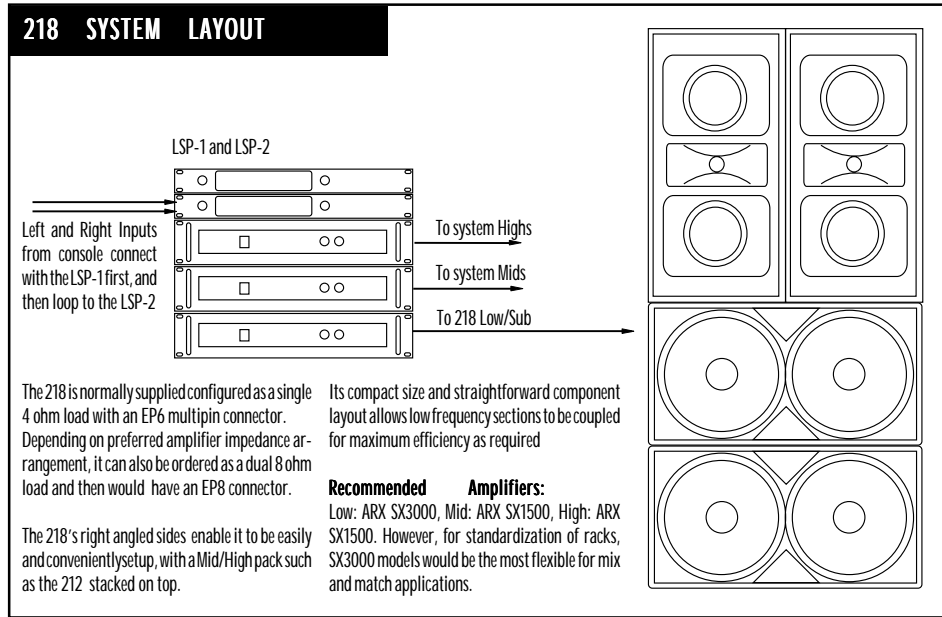
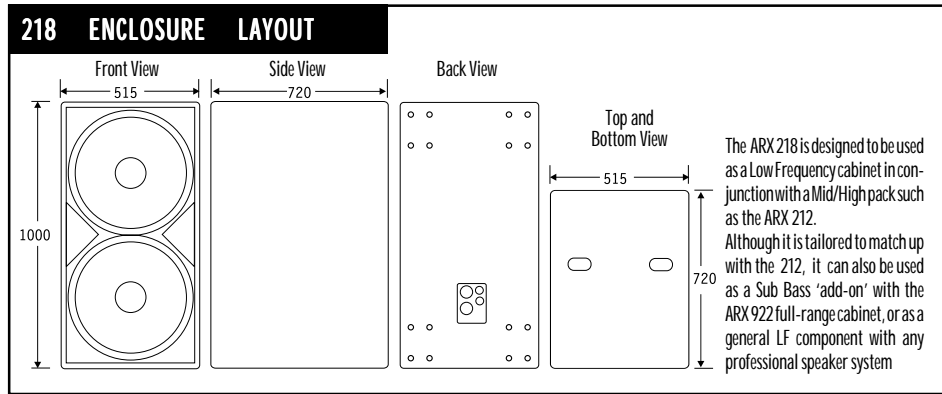
LSP-1 Speaker Processor



218 Specifications

Each 218 cabinet comprises 2 x 18" (460 mm) Low Frequency drivers in a reflex ported layout for extended low frequency output, and enclosed in a premium grade, multi laminate plywood enclosure, featuring extensive internal bracing for optimum low frequency output.

- Frequency Response**
35Hz-200Hz ±3dB
- Impedance**
4 ohm or dual 8 ohm
- Recommended amplifier power**
700 W/4 ohm minimum
- Sensitivity**
104 dB @ 1 Watt, 1 metre
- Maximum SPL @ 1 metre**
130 dB +
- Connectors**
2 x Neutrik Speakon® connectors
- Construction**
Premium grade void-free multi laminate plywood, steel mesh grille. Optional wheel kit
- Maximum Dimensions**
40"H 20"W 28"D
1000 x 515 x 720 mm



ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The loudspeaker system shall be a 2 x 18" (460 mm) low frequency driver system in a single cabinet, reflex ported layout. The enclosure shall be extensively internally braced to optimize low frequency output. Performance of the loudspeaker system shall be achieved by the use of the LSP-1 dedicated low frequency speaker system processor.

Rated impedance shall be 4 ohms when connected in parallel mode and 2 x 8 ohms when connected in individual mode

Sensitivity measured on axis @ 1 metre shall be 104 dB

Frequency response measured @ 1 metre on axis shall be 35Hz - 200 Hz ±3dB

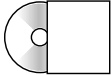
Maximum SPL @ 1 metre on axis shall be 130 dB

The enclosure shall be constructed of premium grade multi laminate plywood.

Dimensions shall be 40" H X 20" W X 28" D (1000 X 515 X 720mm) and it shall weigh 175 lbs (80 kgs)

The loudspeaker system shall be the ARX 218

Specifications available on CD ROM




Our policy is one of continuous improvement, and therefore designs may change without notice. However, unless otherwise stated, specifications will always equal or exceed those previously given.

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