

# CONCERT SERIES

## 925 PROCESSOR CONTROLLED LOW FREQUENCY SPEAKER SYSTEM

### Applications:

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



<http://www.arx.com.au>

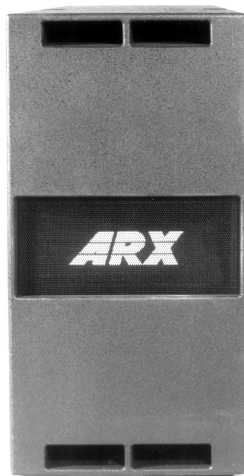
The all-new ARX Concert Series has been engineered to function as a unique, 'building block' system with the flexibility to easily assemble custom configurations. All cabinets have compatible dimensions for ease of flying, stacking and creating point source arrays for smooth, even coverage of any venue.

The trapezoidal 925 is designed to be used as a Low Frequency cabinet in conjunction with the 212 to create a full range package; or for extra Low frequency enhancement of the 922 when used in large areas or when an application requires enhanced low frequency output.

It features dual 15" (380 mm) Low frequency drivers in an optimally aligned bandpass configuration. A symmetrical component layout allows maximum speed and rigging flexibility.

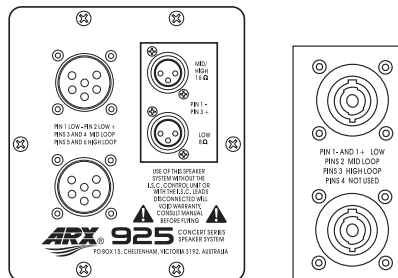
It is designed to be used as a system with the LSP-1 Low Frequency speaker processor. This is a dual channel unit providing crossover functions, phase correction, and ARX's Interactive System Control (I.S.C.™) for speaker protection at absolute sound pressure levels.

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 925'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

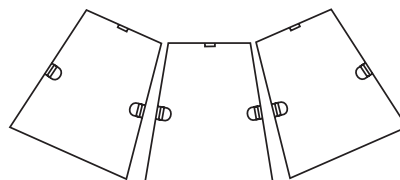


Below left: The 925's rear panel

Below right: Optional Neutrik Speakon connectors



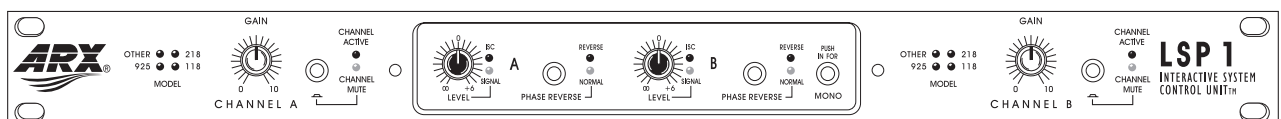
The 925's angled sides (15° taper from front) enables curved arrays to be easily assembled. Its symmetrical component layout allows maximum speed and flexibility in rigging. The 925 shares compatible dimensions with other models in the Concert Series, so it can easily be incorporated into mixed arrays



## Features

- Rugged premium grade void free plywood outer shell
- 15° trapezoidal cabinet design for point source arrays
- Flying points and angling point fitted as standard
- Building block compatibility for assembling custom arrays
- Processor controlled for dependable performance
- Available with EP6 or Speakon Multipin connectors
- Flawless sound in the toughest audio environment

LSP-1 Speaker Processor



# 925

## Specifications

### 925 Specifications

Each 925 cabinet comprises 2 x 15" (380 mm) Low Frequency drivers in an optimally aligned bandpass configuration for extended low frequency output; all enclosed in a trapezoidal design premium grade, multi laminate plywood enclosure.

### Frequency Response

40Hz-200Hz ±5 dB

### Impedance

4 ohms

### Recommended minimum amplifier power

600 W/4 ohm minimum

### Efficiency/Axial Sensitivity

104 dB @ 1 Watt, 1 metre averaged response over cabinet range

### Maximum SPL @ 1 metre

130 dB + Peak

126 dB long term

### Connectors

2 x EP4 Male sockets

(2 x EP6 on request)

2 x male XLR

Speakons Optional

### Construction

Premium grade void-free multi-laminate plywood, catalyzed paint.

4 x Ezi-Fly flying points fitted as standard. Tip-and-roll wheel kit available.

### Compatibility

ARX 922 Full range cabinet

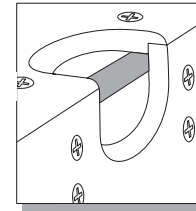
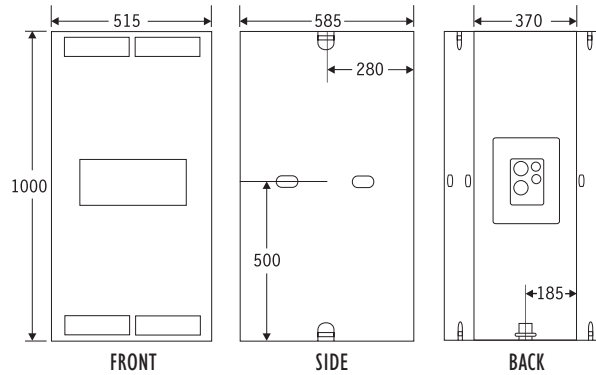
ARX 212 Mid/High pack

### Maximum Dimensions

40"H 20"W 22"D

1000 x 515 x 580 mm

### 925 ENCLOSURE LAYOUT



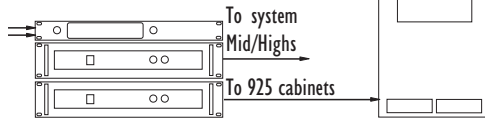
The ARX 'Ezi Fly' flying point is fitted as standard to all 922 cabinets. Fitted from the inside, it serves both as an attachment point for a snaplock and as a tie plate to tie the sides and top and bottom of the enclosure together. It is attached to the enclosure by 6 x high tensile 1/4" bolts. Independent laboratory test report available upon request.

Each 925 cabinet is equipped ready to work, with 4 x ARX 'EziFly' flying points, sealed handle ports, plus a back panel angling (strapping) point at the bottom.

Multi Pin connectors (EP or Speakon) are fitted as standard, plus connectors for access to individual components. All dimensions in mm.

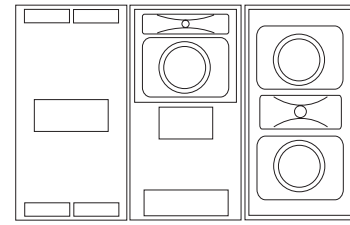
### 925 SYSTEM LAYOUT

Left and Right Inputs from the mixing console connect to the LSP-2 when the 925 is used as extra LF for the 922, and the LSP-1 when used with the 212 and other Mid/High packs.



### Compatibility

The 925 shares compatible dimensions with other models in the Concert Series, so it can easily be incorporated into mixed arrays



925 922 212

### Recommended Amplifiers:

We recommend the ARX SX3000 for applications where maximum output is required

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The bass loudspeaker system shall be have 2 x 15" (380mm) low frequency drivers in a bandpass configuration. Each chamber shall be extensively internally braced to optimize low frequency output. Each cabinet shall be fitted with 4 x flying points and an angling point. Performance of the loudspeaker system shall be achieved by the use of a dedicated speaker processor. Rated impedance of the loud-

speaker system shall be 4 ohms Sensitivity, measured on axis @1 metre shall be 104 dB Frequency response measured @ 1 metre on axis shall be 40Hz - 200Hz ±5 dB Maximum SPL @ 1 metre on axis shall be 130 dB The loudspeaker system shall be constructed of premium grade multi laminate plywood in a trapezoidal configuration, tapering back at 15° (7½° per side).

Dimensions shall be 40" H x 20" W x 22" D (1000 x 515 x 585 mm) and it shall weigh 120 lbs (55 kgs) The loudspeaker system shall be the ARX 925 Low frequency speaker system The Speaker processor shall be the ARX LSP-1

Specifications available on disk 



Your ARX dealer is:

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