

ProSUB M-SUB



Processor controlled Sub Woofer/Sub Low Loudspeaker systems



The M-SUB and the ProSUB are unique Low/Sub Low loudspeaker systems from ARX and are ideal for applications that require extended additional Low Frequency output.

The **M-SUB** features a single ARX 15" (380mm) long throw Sub Series bass driver in a reflex ported design.

It is a compact, efficient Bass cabinet that delivers large amounts of low frequency output for any sub bass application. It is ideally suited for the MicroMedia MM-1 cabinet and the Ambience/Climate series of installation loudspeakers

For larger applications we introduce the ARX **ProSUB**

The ProSUB features a single ARX 18" (450mm) Sub Bass driver in an efficient reflex ported cabinet design, with a frequency response as low as 40Hz, delivering extended Low Frequency output for any application. It is an ideal match for the PMX 12 loudspeaker.

The impedance of both the M-SUB and the ProSUB is 8 ohms, so that two units can easily be linked up to one output of any professional power amplifier of the correct minimum power rating, for applications that require maximum sub bass output e.g. outdoors, dance clubs etc.

Both cabinets are finished in multiple coats of ARX Charcoal catalysed polyurethane, and are fitted as standard with a full length steel mesh security grille to protect the driver.

Options are available for a pole mount connector so that the appropriate Mid/High or full range cabinet can be mounted on a pole at the correct height. Wheel kits are also available for cabinets that may need to be moved frequently.

When your system needs tight controlled Sub bass, the ARX M-SUB and ProSUB are the loudspeakers that deliver it.

Applications

Low Frequency / Sub Bass enhancement of:

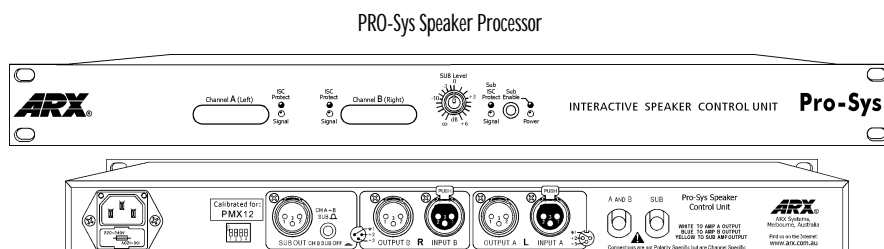
- Live Sound systems
- Auditorium Installations
- Houses of Worship
- Club systems
- Cinemarettes

The PRO-Sys

The dual channel ARX PRO-Sys ISC speaker processor is the heart of the PMX system. ISC™ (Interactive System Control) is our innovative speaker protection circuitry which constantly monitors the amount of power the amplifier is delivering to the speakers.

Since the PRO-Sys is factory calibrated for the PMX series, it knows the speaker's exact Safe Operating Area (SOA). If it senses that the amplifier power is about to exceed the SOA, it automatically triggers the system protection circuits to hold the level momentarily at the loudest safe setting until the power peak has passed.

The PRO-Sys is placed last in the system chain before the power amps, usually in the amplifier rack. Once it has been connected up correctly, it needs no re-calibration. Just set it and forget it - the PRO-Sys looks after the rest!



M-SUB

Specifications

Components:

1 x ARX ProSub series 15"
(380mm) Sub LF driver

Frequency Response

45 Hz - 100Hz ± 5 dB

Crossover Frequency 100Hz

Impedance 8 ohms nominal

Long/Short Term Power
300W / 450W

Minimum Amplifier Power
200W RMS @ 8 ohms

Sensitivity 98dB, 1 watt, 1 metre

Maximum SPL 127 dB

Weight 30 Kg (66 lbs)

Dimensions

450mmW x 450mmD x 620mmH

Connectors

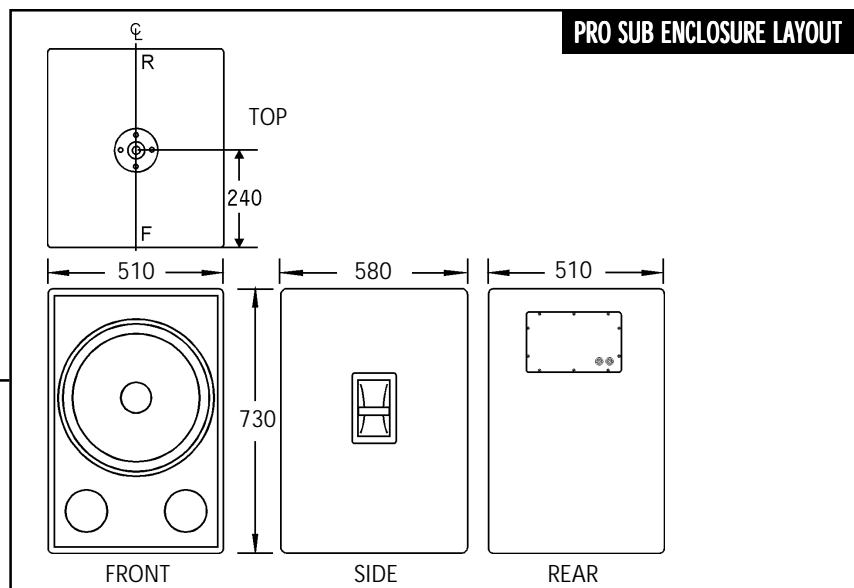
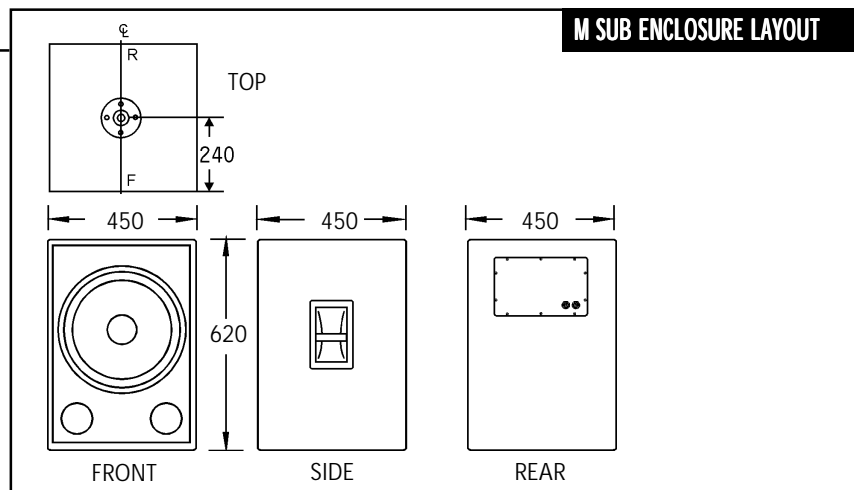
2 x Speakon on steel plate

Frequency Management

The M-SUB is designed to be run from an amplifier connected to the Sub output on the PRO-Sys or a MicroDrive amplifier

Cabinet

All plywood construction, catalyzed paint, steel mesh grille, handles.



ProSUB

Specifications

Components:

1 x ARX ARX ProSub 18"
(450mm) Sub LF driver

Frequency Response

35 Hz - 100Hz ± 5 dB

Crossover Frequency 100Hz

Impedance 8 ohms nominal

Long/Short Term Power
400W / 600W

Minimum Amplifier Power
400W RMS @ 8 ohms

Sensitivity 99dB, 1 watt, 1 metre

Maximum SPL 127 dB

Weight 40 Kg (88 lbs)

Dimensions

510mmW x 580mmD x 730mmH

Connectors

2 x Speakon on steel plate

Frequency Management

The ProSUB is designed to be run from an amplifier connected to the Sub output on the PRO-Sys or a PowerDrive amplifier

Cabinet

All plywood construction, catalyzed paint, steel mesh grille, handles.

ARX Systems are based in Melbourne, Australia, where all ARX Products are assembled and tested in our 'state-of-the-art' manufacturing facility

For over 20 years ARX has designed, manufactured and supported Audio Products for Professional users and applications worldwide

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

M-SUB

The Low frequency speaker system shall be a reflex ported low frequency design, comprising 1 x 380mm (15") low frequency driver mounted in an all plywood cabinet. Performance of the speaker system shall be achieved using the Sub output of a dedicated loudspeaker control unit.

Rated impedance of the cabinet shall be 8 ohms. Sensitivity measured on axis @1 metre shall be 98 dB. Frequency response measured @ 1 metre on axis shall be 40 Hz-100 Hz ± 5 dB using the processor. Maximum SPL @1 metre on axis shall be 125dB. The enclosure shall be constructed of premium grade multi laminate plywood and be rectangular in shape. Dimensions shall be 620H x 450W x 450mmD and it shall weigh

30 kgs (66 lbs).

The Low frequency speaker system shall be the ARX M-SUB, and the loudspeaker control unit shall be the ARX PRO-Sys

ProSUB

The Low frequency speaker system shall be a reflex ported low frequency design, comprising 1 x 450mm (18") low frequency driver mounted in an all plywood cabinet.

Performance of the speaker system shall be achieved using the Sub output of a dedicated loudspeaker control unit.

Rated impedance of the cabinet shall be 8 ohms. Sensitivity measured on axis @1 metre shall be 99 dB. Frequency response measured @ 1 metre on axis shall be 35 Hz-100 Hz ± 5 dB using the processor. Maximum SPL @1 metre on axis shall be 127dB.

The enclosure shall be constructed of premium grade multi laminate plywood and be rectangular in shape. Dimensions shall be 730mmH x 510mmW x 580mmD and it shall weigh 40 kgs (88 lbs).

The Low frequency speaker system shall be the ARX ProSUB, and the loudspeaker control unit shall be the ARX PRO-Sys

Specifications available on CD ROM. Latest updates available at: www.arx.com.au



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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