



# DOUBLE 12

## Provisional Specification

The Qmx DOUBLE 12 is the second product from Australian Monitor utilising the highly successful Qmx concept.

The Qmx concept is the culmination of many years of research, development and practical "hands on" experience in high power sound reinforcement systems and their applications. The unique concept of Qmx provides all that is required to achieve the optimum in dynamically accurate high fidelity performance. A full range loudspeaker system, The Qmx DOUBLE 12 features a two way, long throw, quasi bandpass dual ported enclosure with physical alignment of driver acoustic centres for accurate signal synchronisation. Qmx provides uniform wavefront coupling, enhanced phase coherence, constant directivity, stable beamwidth and is capable of delivering a maximum on axis peak SPL of 133dB. All achieved without expensive electronic trickery or special equalisers compensating for speaker inadequacies or bad cabinet designs. Compact and easily manageable The Qmx DOUBLE 12 is suitable for flying or stacking, allowing high packing densities in confined areas.

TECHNICAL		SPECIFICATIONS	
<b>Frequency</b>	60Hz - 17kHz +/-3dB.	<b>Crossover:</b>	Passive, compensated second order Linkwitz Riley.
<b>Response:</b>	45Hz - 20kHz +/- 6dB.	<b>Construction:</b>	Premium Grade, high density 18mm ply.
<b>Sensitivity:</b>	105dB re 1 Watt/Metre.	<b>Net Weight:</b>	44 Kgs (96.8lbs).
<b>SPL:</b>	130dB Continuous. 133dB Peak.	<b>Dimensions:</b>	380mm Wide. 870mm High. 460mm Deep.
<b>Power Handling:</b>	400 Watts (Continuous Programme). 600 Watts (Peak - unclipped signal).	<b>Handles:</b>	2 x 25mm Steel Bar.
<b>Impedance:</b>	4ohm (nominal).	<b>Connector:</b>	3pin XLR (standard), Speakon (optional).
<b>Enclosure Type:</b>	Ported, Quasi - Bandpass.	<b>Optional Accessories:</b>	4 x 75mm heavy duty ball bearing castors. Weatherproof canvas padded covers. Plain wood or painted finish.
<b>LF Driver:</b>	2 x 300mm (12") cone type.	<b>Flyware:</b>	3 point Aero type pan ring fittings, with steel backing plates.
<b>HF/MF Driver:</b>	Compression type, 50mm (2") throat		
<b>Horn Type:</b>	Constant directivity.		
<b>Dispersion:</b>	60° Horizontal (90° optional). 40° Vertical		



**Australian Monitor**

Qmx is designed by Australian Monitor in conjunction with Richard Priddle Acoustics.

*Distributed by*

