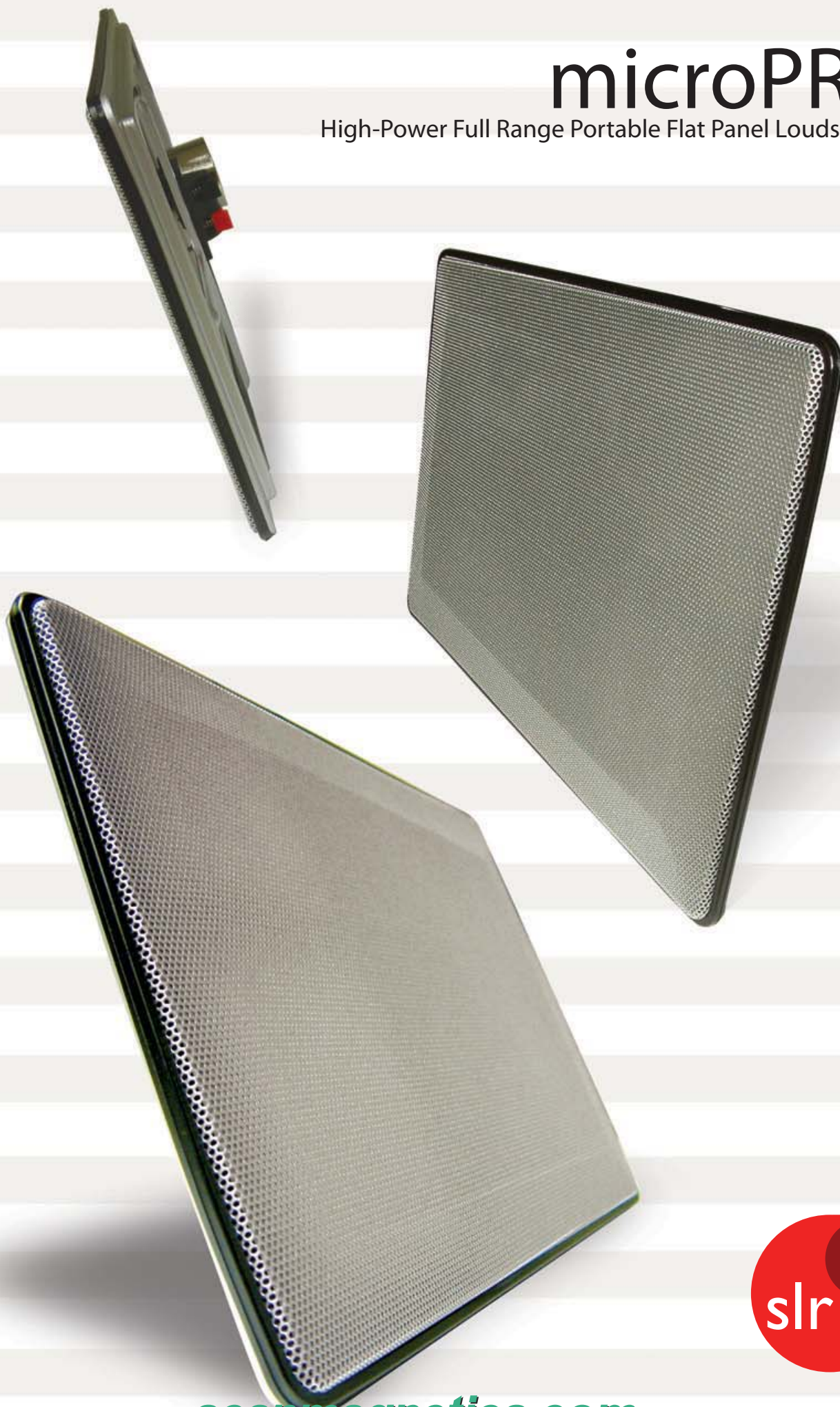


microPRO

High-Power Full Range Portable Flat Panel Loudspeaker



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Over several years, Flat Panel Loudspeaker Technology has advanced to the point where newly developed compact, second generation, high power transducers can produce significant sound pressure levels with a full-spectrum frequency response. The MicroPRO, when compared with pistonic drive units, delivers an exceptionally even level of coverage within a room or venue, this is due to the low rate at which the apparent loudness of a flat panel loudspeaker drops-off with distance. A further beneficial effect of DML (Distributed Mode Loudspeaker) is that beaming is eliminated, and adverse room-effects are thereby substantially reduced. In many cases, just by using flat-panel loudspeakers in support of conventional massive pistonic systems, the acoustic responses of even the largest and most challenging venues can be dramatically improved. At 20 watts and the size of an A4 sheet of paper, the MicroPRO excels at clear reproduction of any program with content above 200Hz. Due to their surprising dispersion characteristics, this novel product will fill unusually large areas with clean and clear non-directional sound, whilst the flat construction allows them to be used in visually sensitive situations.

Applications

High intelligibility speech and multimedia, Acoustic Musical Instruments, Schools and Houses of Worship, Retail Outlets, Restaurants and Bars, Small Portable PA.

Features

Flat visual aspect for Architectural Installation, Portability, High output to weight ratio.

Mounting Notes:

Sound is radiated from both the front and back of these loudspeaker panels, therefore, to avoid sound cancellation, a clearance area should be left between the back of the unit and any parallel acoustically reflective surface at the rear of the panel. (MicroPRO wall/ceiling mount is perfect for your installation)

specifications

Loudspeaker Type	DML
Operating Range	120Hz - 21KHz
Sensitivity 1W/1M	88dB
Max. input rating	20 Watts (AES)
Max. output rating continuous	101dB
Max. output rating peak	107dB
Nominal Impedance	8 ohms
Nominal -6dB beamwidth	Horizontal 160 degree
Nominal -6dB beamwidth	Vertical 160 degree
Recommended Signal Processing	100Hz High Pass Filter
Transducers	1 x EX.25.R
Enclosure	Powder Coated Steel
Mounting Provisions	2 x M6
Input Connections	Spring Connectors
Dimensions (H/W/D (mm)	333 x 233 x 40 mm
Weight	1.4kg (3.0 lb)
Shipping weight	1.6kg (3.5 lb)



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