



Magnetic Audio Devices

Imagine being able to broadcast clear audible sound ranging from 150 metres up to 12 kilometres!



LT-PMS-1



LT-PMS-2



LT-PMS 6



LT-PMS-24

Special Projects and Services Limited (SPS) introduce the next generation of acoustic device.

The Magnetic Audio Device (MAD)

The Magnetic Audio Device (MAD) is a revolution in acoustic transmission and safety technology, providing unrivalled clarity and range. This product range provides directional, high quality verbal challenges and warning tones at distances previously thought impossible.

Using patented technology the MAD product range can be used as part of an escalated response and challenge procedure, using clear, totally intelligible verbal communication or warning tones to determine intent and for hailing/warning. It is also a versatile safety tool, which can be used to communicate in man overboard situations, assist in collision avoidance, crowd direction and control. The option of an MP3 player, pre-loaded with challenges and a range of tones and warnings, and a real time translation device, which allows for communication worldwide, is also supported. The system has been fully environmentally tested and with the maritime environment in mind, powder coating is available in a range of custom colours, built to an exceptionally high specification from the highest quality components, they are robust, durable and easy to operate.

Comments made concerning a test at the Edwards Air force base between the MAD range and a leading competitor's offering.

Last week: the L.A. Sheriff's Department tested out an acoustic transmitter that makes earlier models look like "children's' toys" in comparison, LASD Commander Sid Heal, a world-renowned expert in non-lethal weaponry, tells Defence Tech.

Source: www.defensetech.org – a leading US defence website.

USCG have recently conducted successful trials on the MAD Range of products

Unlike similar devices in the marketplace, the MAD range broadcasts sound to the full frequency spectrum of human hearing, importantly incorporating the lower end of the spectrum, which allows sound to travel further.

SPECIAL PROJECTS AND SERVICES LIMITED (SPS)
TEL: 0044 (0) 1432 760 179 FAX: 0044 (0) 1432 769 224
E: office@specialprojectsandservices.com



Additionally, whilst we believe safety and security comes at a price, the price must be realistic hence we have set pricing at levels, to make it available to a full spectrum of users enabling them to improve safety and security at all levels of commercial operations.

This technology brings together a number of applications originally developed and previously only available for the military. Listed below are brief details of models within the product range.

MODEL	RANGE	EFFECTIVE RANGE	DIMENSIONS cm	WEIGHT Kg
LT-PMS-1	150m	124dB 400w @ 1m	16 x 25 x 12	4.5
LT-PMS-1-WG500	240m	129dB 400w @1m	As above plus WG	5.5
LT-PMS-2	700m	137dB 800w @1m	33 x 26 x 30	13.5
LT-PMS-4	1005m	140dB 1600w @ 1m	51 x 33 x 30	27
LT-PMS-6	1220m	142dB 3200w @ 1m	50 x 73 x 30	36
LT-PMS-24	3,050m	130dB 9600w @10m	112 x 218 x 66	122.5
LT-PMS-54	12.2Km	138dB 21600w@ 10m	160 x 218 x 81	444.5

WG = Waveguide

Additional Add-on products are available for most models and include:

- 4,300 Lumen High Intensity Search Light
- Laser Designating Device
- Day/Night and Thermal Camera
- Powered Pan and Tilt Unit
- Translation Device – Translates real-time speech into a large number of languages, allowing communication throughout the world and hazardous waters.
- MP3 player and selected tones and commands.
- Bespoke powder coated colouring to match your vessel's colour scheme
- MP3 recorder to record incidents real time

SPS can also provide:

- On-site surveys to establish your technical requirements and fixing points
- On-site training in the use of the products
- Assistance with the development of usage protocols and incident escalation procedures
- Short term rental with an operator for hazardous transits
- Additional, complementary products

The manufacturers of the MAD product range have appointed SPS as the sole distributor for the maritime community. However, all products are available to all areas of business, for supply in UK, Europe or worldwide.

For more information contact: Special Projects and Services Limited (SPS) through our UK office.

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