

LT6A



ACTIVE 2-WAY LOUDSPEAKER SYSTEMS



The LITE Series by PROEL is an extended range of active and passive speaker systems with plywood cabinet offering the renowned PROEL sound and a high-level performance in a reliable and affordable package. For the construction of the cabinets we have used plywood, a very lightweight and durable material that makes moving and installing these speakers very quick and easy. Strong, anti-scratch paint and steel grilles with an internal foam layer provide proper protection for years of service. The dual-angle pole holder featured in 8", 10", 12" and 15" models offers the possibility to obtain a more uniform coverage of the audience. For the high frequency reproduction of LITE Series we have designed wide-dispersion horns, able to provide constant coverage for large audiences and detailed response with low distortion. The high-excursion woofers, together with carefully tuned vented cabinets, offers an extended response with deep and tight basses. The LITE Series includes 6 active models ranging from 6.5" to dual 15" woofers, plus 1 satellites + subwoofer system. The extremely lightweight power modules used in the active models feature the latest technologies for amplification, such as Switch Mode Power Supply and CLASS D output stages, which provides a massive amount of power with a reduced weight. The power modules are hosted in fully-sealed die-cast aluminum boxes that provides protection, perfect insulation of the cabinet from the outside and extremely efficient cooling. Each module includes a sophisticated pre-amp section with up to 24 dB/oct. phase aligned crossover filters and active EQ

filters for the system's fine tuning. The DUAL LIMITER circuit ensures an undistorted sound even at the loudest level and a total loudspeaker protection. The LT loudspeaker systems can be combined with the SW subwoofers, available in 5 models and capable of providing the perfect low frequency extension for each model of the series.

- 1" neodymium tweeter
- 6.5" woofer with 1" VC
- 150 W peak power
- 75 W continuous class AB amplifier
- LINE/MIC input
- SPL MAX 110 dB
- Frequency response 75 Hz – 20 kHz
- MDF cabinet
- 3 x M4 flying points
- Speaker stand adapter included

System type: 2-way vented enclosure

High Frequency Device: 1" neodymium tweter

Low Frequency Device: 6,5" woofer with 1" VC

Angular Coverage: 60° H x 40° V

Total peak power: 150 W

Amplifier Continuous Power: 75 W

Power Supply: LINEAR

Processing: Analog

Frequency Response: 75 Hz – 20 kHz

Max SPL: 110 dB

Connectors: IN: COMBO, 2xRCA LINK: XLR M

Controls: LEVEL, LINE/MIC selector

Flying System: 1 x M4 top / 2 x M4 bottom

Construction: Plywood

Cabinet Colour: Black

Power Supply: 230 VAC or 120 VAC 50/60 Hz with LINE VOLTAGE selector

Dimensions (W x H x D): 204 x 295 x 223 mm

Weight: 5.9 kg / 13 lbs