

# LT8A

# LITE my fire!



## Technical Specifications

System type: 2-way vented enclosure  
 High Frequency Device: 1" compression driver with 1" VC  
 Low Frequency Device: 8" woofer with 1.5" VC  
 Angular Coverage: 60° H x 40° V  
 Total peak power: 400 W  
 HF Amplifier Continuous Power: 50 W Class AB  
 LF Amplifier Continuous Power: 150 W Class D  
 Power Supply: SMPS  
 Processing: Analog  
 Frequency Response: 70 Hz - 20 kHz  
 Max SPL: 121 dB  
 Connectors: IN: COMBO, LINK: XLR M  
 Controls: LEVEL, LINE/MIC selector, LOW EQ, HIGH EQ, GND  
 LIFT, FRONT LED selector  
 Flying System: 4 x M10 top/bottom  
 Construction: Plywood  
 Cabinet Colour: Black  
 Handles: 1 x rear  
 Mounting Pole: 1 x bottom, dual angle  
 Power Supply: 230 or 120 VAC 50/60 Hz with LINE VOLTAGE

## Active 2-way loudspeaker systems

Category: Sound Systems » Loudspeakers

Brand: PROEL  
Product Code: LT8A

### Overview

The new 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" compression driver with 1" VC on a constant coverage 60° x 40° horn
- 8" woofer with 1.5" VC
- 400 W peak power
- 50 W continuous class AB amplifier for the high frequencies
- 150 W continuous class D amplifier for the low frequencies
- Switch Mode Power Supply (SMPS)
- LINE/MIC input
- SPL MAX 121 dB
- Frequency response 70 Hz - 20 kHz
- Lightweight plywood cabinet
- 1 rear handle
- 4 x M10 flying points

selector  
Dimensions (W x H x D): 220 x 442 x 260 mm  
Weight: 8.5 kg / 18.7 lbs.

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LT ACTIVE manual ENG ITA.pdf - User's Manual  
English