

# DS-SERIES

PROFESSIONAL OUTDOOR LOUDSPEAKER



## DS-12 OUTDOOR IP54 LOUDSPEAKER

The DS – 12 has one powerful 12" (304 mm) coaxial driver with 1.45" (37 mm) HF driver. It is a high-performance, versatile, passive speaker system designed for unmatched sound reinforcement. Featuring a passive crossover, two-way full-range configuration, it is ideal for outdoor/indoor install market applications, including stadium, sport complex, paved ground, hospitality, theme park, museum. Made of plastic & IP54 makes it use for weatherproof applications. The cabinet's design emphasizes vocal clarity, fidelity, and minimal distortion without compromising transient response.



### Key Highlights

- Premium Outdoor IP54 Weatherproof Loudspeaker
- 12" Coaxial driver with 1.45" HF driver
- Designed for Easy Setup and Multiple Mounting Configuration
- 90° (H) x 60° (V) Wide Dispersion Horn design
- Black/White Colour Options available

### System Applications

- Theme Park
- Stadium & Sport Complex
- Museum
- High power outdoor applications



Side View



Front View



Rear View

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### Technical Specifications

|                             |   |
|-----------------------------|---|
| Type                        | Two-way Coaxial full range plastic IP54 loudspeaker |
| Frequency Response (-10 dB) | 70 Hz – 19 kHz                                      |
| LF Drivers                  | 1 x 12" (304 mm) Coaxial Driver                     |
| HF Drivers                  | 1 x 1.45" (37 mm) HF Driver                         |
| RMS Power                   | 400W  |
| Program Power               | 800W  |
| Peak Power                  | 1600W   |
| Sensitivity (1W/1m)         | 99 dB   |
| Max SPL (Continuous/1m)     | 128 dB  |
| Max SPL (Peak/1m)           | 131 dB  |
| Nominal Impedance           | 8 Ω (typical)                                       |
| Crossover Mode              | Passive, optimized for linearity                    |
| Dispersion                  | 90° (H) x 60° (V)                                   |
| Cabinet Material            | ABS Plastic Material                                |
| Size (mm)                   | 425 x 415 x 435mm (H x W x D)                       |
| Weight (Kg)/Lbs             | 17/37.4   |

### Safety Instructions

- When flying speakers, appropriate hardware and techniques must be employed for safely suspending the enclosures.
- All speaker hardware and flying apparatus must be regularly inspected for any visual or mechanical failure.
- Leave adequate distance between speakers and the audience. Refer to your local authority for Health and Safety guidance when using loudspeaker systems.
- The Louis Martin digital controller should only be programmed by an authorized technician. Do not use Louis loudspeaker systems without the correct controller and the program. If a system fails due to incorrect controller use, warranty is void.
- Protect your speakers and electronics from exposure to humidity, water or rain.
- The loudspeakers and electronics are covered against defects in workmanship or materials for a period of two years from the original date of purchase. The warranty does not cover any item which in Louis's opinion has failed due to user abuse, accident, modifications.
- The defective item will be repaired/replaced with no charge for materials or labour. However, the item should be adequately packed and dispatched, pre-paid, to a Louis authorized distributor/service