FLY-R62

Passive line array module

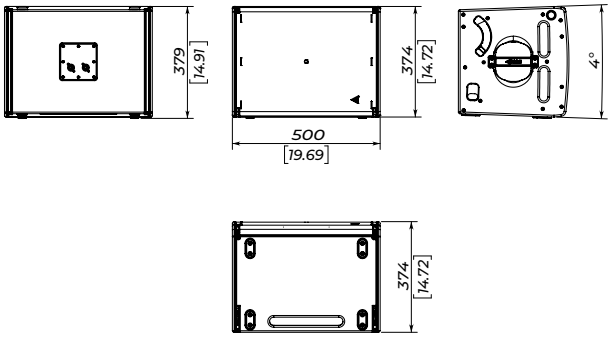
FLY SERIES

DATASHEET

The FLY-R62 is a high-output passive line array module designed for professional venues that require exceptional power and sonic precision. This module features a potent low-frequency section consisting of four 6.5-inch speakers and a high-frequency array of two 1.4-inch transducers.

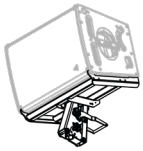
Designed for short- and medium-throw applications, it delivers 70° horizontal coverage with a 2° vertical splay angle, ensuring tightly controlled dispersion and high intelligibility. The system operates in a full-range configuration with a total nominal power handling of 600W. The FLY-R62 provides a wide dynamic range for small and medium-scale sound reinforcement.

DIMENSIONS

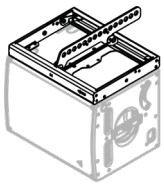


ACCESSORIES

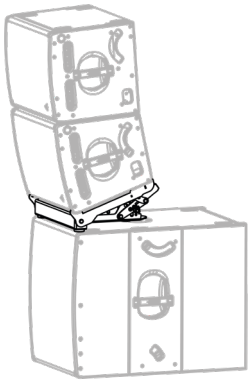
FLY-R-PM
Pole mount bracket
with frame for top module



FLY-R-Bump
Flying frame



FLY-R-GS
Ground stack Frame



SPECIFICATIONS

Frequency Response (-10dB)	100 Hz – 20 kHz
Max SPL	125 dB
Sensitivity half space (1W/1m)	97 dB
LF Driver	4 × 6.5", 1.75" VC
HF Driver	2 × 1.4", 2.7" VC
Vertical splay angle	2°
Nominal Coverage Horizontal	70°
Nominal Coverage Vertical	depends on the number of cabinets
Impedance	8 Ohm
Nominal power	600 W
Connector	2 × SpeakON connectors
Dimensions (W × H × D)	500 × 379 × 374 mm / 19.69" × 14.91" × 14.72"
Net weight	24 kg
Shipping weight	27 kg
Mounting	Integrated flying hardware
Enclosure materials	Plywood; wear-resistant paint
Speaker protection	Steel grill, acoustically transparent backing
Color	Black

SAFETY INSTRUCTIONS

1. Do not expose the loudspeaker to liquids. Liquid entering the enclosure may damage the drivers and the cabinet. Do not install or store the loudspeaker in damp or unheated spaces, as sustained humidity can degrade the enclosure over time. Do not install the loudspeaker near open flames or heating elements.
2. Do not operate the loudspeaker with a damaged speakON connector or speaker cable. This presents a risk of electric shock and fire.
3. Make sure the loudspeaker is securely mounted to the ceiling, wall, or other supporting structure.
4. When installing the loudspeaker on a sloped or slippery surface, secure it against movement caused by vibration.
5. This loudspeaker is capable of producing sound pressure levels that can cause permanent hearing damage. Limit exposure in accordance with local occupational noise regulations.
6. When the loudspeaker is suspended or mounted overhead, use the safety mounting point with an appropriately rated secondary attachment. Overhead installation must be carried out by qualified personnel.

CONNECTIONS

Use Hi-pass filter to prevent speaker damage and distorted sound by eliminating low non-audible frequencies in input signal.
Do not exceed input powers, abovementioned in specifications, while exploiting the speaker system.
Speaker system comes with SpeakON screw terminals for connection to amplifier.

Connection:	
Signal +	1 +
Signal -	1 -
High pass filter:	
Frequency, no less than	90 Hz or higher, 18 dB/oct
Recommended amplifier power:	600 - 1 200 W on nominal impedance