

iBOX iLF218

Dual 18-Inch Subwoofer



APPLICATIONS

- Theater, auditoria
- Houses of worship
- Dance clubs
- Installed live sound reinforcement
- Multi-use sports venues and stadiums

FEATURES

- Dual 18-inch drivers
- Active-air vented pole cooling
- Independent bass ports for efficient output
- Rugged solid birch enclosures
- NL4-compatible locking connector

The iLF218 is an efficient, dual 18-inch subwoofer that can be used with any full-range iBOX loudspeaker system. It has exceptional punch, high output, and low distortion. The iLF218 uses a unique combination of techniques to keep voice coil temperatures low to avoid power compression that causes reduced output at higher volume levels. Ferrofluid efficiently transfers heat from the 4-inch voice coils to the motor structures. Active-air cooling utilizes the bass ports to move outside air over the motor structures of each driver. Additionally, cone movement drives air through the vented magnet polepiece to cool the motor structures. Balanced Cone Loading (BCL) improves the linearity of the system by balancing the front and rear air loads. All of these features combine to reduce operating temperatures, avoid diminishing output at higher volumes, and ensure long-term reliability. The enclosure has rigid internal bracing that reduces sound energy losses and coloration from panel vibration and enclosure resonance.

Model	Drivers	Operating Range	Sensitivity	Power Handling (PGM)	Impedance	Dispersion (H x V)	Dimensions H x W x D
iLF218	LF 2 x 18"	25 Hz - 250 Hz	106 dB	4000W	4 ohms	360°x 180°	22.4 x 44.95 x 29.8 in. (569 x 1141 x 757 mm)