

LPX Version 2

The LPX Version 2 is one of the loudest, best sounding floor monitor loudspeakers available. Everything about the unit was designed for real touring use—from its rugged, low-profile enclosure to its high-power drivers. The LPX Version 2 is specifically designed for high-volume stage situations where vocal coverage is critical. To that end, the bi-amplified loudspeaker uses the same compression driver and horn combination used in MacPherson's top-of-the-line front-of-house (FOH) systems. To maximize low-frequency performance without sacrificing vocal clarity, a 15-inch woofer that's often used in subwoofer and demanding low-frequency applications was selected. Other details, such as the provision of two NL4 connectors per cabinet side, make this loudspeaker truly stage ready. The LPX Version 2 is an excellent choice for any floor monitor application where both sonic excellence and high SPL are desired.

The LPX Version 2 maintains the physical characteristics of the popular LPX, while offering significant improvements to both the low-frequency (LF) and high-frequency (HF) performance. A new high-power 15-inch woofer has been selected, offering greater definition and an overall "warmer" sound. A custom-designed damping insert has been added to the 2-inch-exit HF compression driver. This insert reduces the standing waves that can be created by the driver's rear mechanical system. A completely redesigned filter network shapes and controls the amplitude and phase

characteristics of the LF and HF drivers. The changes combine to provide tight low-frequency response, excellent vocal clarity, and extended high-frequency reproduction. The LPX Version 2 takes stage monitor performance into the high-SPL / high-fidelity realm.



For long life, the cabinet is constructed using hardwood plywood and finished with a rugged textured epoxy coating. Nylon skid rails protect the bottom of the cabinet. While no special processor is necessary, a MacPherson Black Box Stereo Analog Controller is offered for application simplicity. A Crown P.I.P.®-compatible module is also available.

- Features**
- Excellent vocal clarity
 - Strong LF response
 - Slot-CD horn for smooth, wide, HF dispersion
 - Extremely high SPL—loud enough for drum monitors
 - Low visual profile
 - Nylon skid rails to reduce wear
 - Four NL4 connectors

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LPX Version 2 Specifications

Standard Configuration

LPX-V2: Bi-amp

Frequency Response

± 3 dB, 80Hz to 15kHz

± 5 dB, 60Hz to 17kHz

Coverage (between -6 dB points)

Horizontal: 90 degrees

Vertical: 55 degrees

Nominal Impedance

LF: 8 ohms

HF: 8 ohms

Sensitivity

LF: 98dB, one watt, one meter

HF: 106dB, one watt, one meter

Maximum SPL

127dB, broadband, one meter, one minute

Recommended Amplifier Power

LF: 600 to 1000 watts

HF: 120 to 200 watts

RMS into 8 ohms

Recommended Crossover Point

1kHz, 24dB per octave

Connectors

Four, Neutrik NL4

Enclosure

Hardwood plywood, textured black epoxy finish, flush-mounted steel handles, powder-coated perforated steel grill with open-cell foam backing, nylon skid rails

Dimensions

18.8 inches high (47.7cm)

17.2 inches wide (43.6cm)

23.2 inches deep (58.9cm)

Weight

67.5 pounds (30.7kg)

Options

Custom finishes, weatherproofing, Black Box Stereo Analog Controller unit, CCM Control Card for Crown P.I.P.[®]-compatible amplifiers, road cases

Warranty

Three years from date of original purchase

Contents subject to change without notice. Dimensions provided for general reference only.

