

## Active 18" High Performance Subwoofer

## Die Liebe zur Musik



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The VAL Audio X118P is a high-output, self-powered 18" subwoofer engineered for professional touring, rental, and fixed installation environments requiring powerful, extended, and controlled low-frequency reinforcement.

At the heart of the X118P is the 3000W Peak / 1500W RMS integrated high-efficiency Class D amplifier module optimized for 4-ohm operation. This ensures maximum energy transfer, improved damping control, and enhanced low-frequency punch.

Built around VAL's proprietary 18" high-excursion die-cast aluminium chassis driver, the X118P utilizes a precision-tuned bass reflex direct-radiating design to deliver deep and authoritative bass extension down to 34Hz with peak output levels reaching 134dB SPL.

The enclosure is heavily braced to minimize vibrations and constructed from high-grade MDF with a touring-grade textured water-borne black finish for superior durability. A reinforced kick-proof steel grille with internal acoustic foam ensures driver protection without compromising acoustic transparency.

Designed for maximum deployment flexibility, the X118P supports ground stacking, pole-mounted top systems, and flown configurations via integrated M10 rigging inserts.

- High-output direct radiating single 18" active subwoofer
- 3000W Peak / 1500W RMS Class D amplifier optimized for 4Ω load
- Deep, warm bass extension down to 34Hz 134dB peak (calculated) SPL
- Premium European 18" high-excursion die-cast aluminium LF driver
- Precision-tuned bass reflex enclosure
- Touring-grade scratch-resistant textured coating
- 12 x M10 rigging inserts for flown applications
- Integrated top-hat pole mount adapter
- Universal 115V - 230V, 50 - 60Hz operation

The X118P is designed for demanding professional low-frequency reinforcement across a wide range of applications including - Touring & Rental, Live Performance Venues, Clubs & Nightlife Venues, Houses of Worship, Corporate & Event Production, Fixed Installations.

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## SPECIFICATIONS

|                           |                                                                                               |
|---------------------------|-----------------------------------------------------------------------------------------------|
| System Type               | 1x18" Bass Reflex / Direct Radiating Active Subwoofer System                                  |
| Frequency Response (-3dB) | 34Hz – 100Hz (DSP controlled HPF & LPF)                                                       |
| Maximum SPL               | 134dB Peak                                                                                    |
| Power Amplifier           | High Efficiency Class D, 3000W Peak / 1500W RMS                                               |
| Directivity               | Omnidirectional                                                                               |
| Integrated DSP            | Master level control, 4 fixed DSP (Live/DJ/Monitor/Speech) modes, Limiter, Xover, EQ          |
| Low Frequency driver      | 1 x 18" (4" VC) high excursion, Die-cast aluminum chassis                                     |
| Input Sensitivity         | Line: 0.775V / 0 dBu                                                                          |
| Input Impedance           | 10 kΩ balanced                                                                                |
| Maximum Input Level       | 2.7V / 10.8dBu @ 32dB gain                                                                    |
| Power Supply              | 115V / 230V, 50Hz - 60Hz, Input power                                                         |
| Connectors                | Balanced XLR Female, Link balanced XLR Male, PowerCon In / link                               |
| Cooling                   | Smart thermal management via high speed fan                                                   |
| Power Consumption         | 885W                                                                                          |
| Enclosure                 | Heavily braced Medium density fibreboard with durable scratch-resistant textured black finish |
| Grille                    | Kick-proof steel grille with internal acoustic foam and VAL logo                              |
| Rigging                   | 12 x M10 inserts                                                                              |
| Pole Mount                | Integrated top-hat adapter                                                                    |
| Dimensions (H x W x D)    | 537 x 635 x 608 mm                                                                            |
| Net Weight                | 45.25 kg                                                                                      |
| Shipping Weight           | 51 kg (1 cabinet per carton)                                                                  |