## MAIN FEATURES

- THROW >20 m
- CONSTANT FREQUENCY RESPONSE AT EVERY VOLUME LEVEL
- ULTRA COMPACT DESIGN
- NATURAL SOUND

## DESCRIPTION

The Loverbass X8 Mk2 is an active two-way full-range system with great performance in terms of efficiency, size, and lightness.

Equipped with an 8" Eighteen Sound woofer (used in line array systems by the most prestigious brands), featuring special waterproof treatments and protection against salt corrosion, it ensures maximum protection against atmospheric agents. It is equipped with ISV (Interleaved Sandwich Voice coil) technology, which includes a single coil with both internal and external winding on the voice coil, combining excellent linearity with good efficiency, power handling capacity, and optimal impulse response. The high-efficiency natural sound compression driver with a 34mm titanium diaphragm provides high intelligibility with non-fatiguing acoustics up to 23 kHz.

The integrated 600 W RMS Powersoft bi-amplification allows this speaker to operate without the need for fans. The onboard, very low-latency DSP allows the user, via a network port, to customize the audio according to their specific needs through five parametric bands for tone emphasis or attenuation.

Careful construction criteria for the cabinet, utilizing multiple internal reinforcements and interwoven birch plywood panels in a star-shaped pattern, reduce flexing by 30% for the same thickness, ensuring acoustics free of resonances. The honeycomb front grilles with an air passage greater than 80% decrease reflections and resonances, promoting the most accurate propagation. Finally, the double bi-component polyurethane coating with anti-UV treatments protects this device from transport damage and sun rays.

## ACCESSORIES

**LoverBAG X8 MK2**

Offers superior protection during transportation, reducing the risk of damage.

**AISI M10**

Male eyebolt

## AUDIO

| | |
|---|---|
| **System type :** | 2-WAY COMPACT LOUDSPEAKER |
| **Sound pressure[1] :** | 130 dB peak SPL |
| **Frequency response[2] :** | 68 Hz – 23 kHz (-6 dB) Half Space |
| **Dispersion[3] (H x V) :** | 60° × 90° (-6dB) |
| **Sensitivity (2.83V/1m) :** | LF: 95 dB – HF: 106 dB |

## AMPLIFIER

| | |
|---|---|
| **Amplifier type :** | 2-channel Class-D amplifier (Powersoft®) |
| **Total power output :** | 800 W rms + 400 W rms |
| **DSP functions :** | limiter, EQ presets, Delay (4 presets on board) |

## TRANSDUCERS

| | |
|---|---|
| **LF driver :** | 8" cone driver, 51 mm voice coil |
| **HF driver :** | 1.0" compression driver, titanium dome |
| **Crossover frequency :** | 2.0 kHz (24 dB/oct.) |

## CONNECTIONS

| | |
|---|---|
| **Signal :** | XLR F/M Balanced |
| **Network :** | RJ-45 |
| **Power Socket :** | Neutrik® PowerCON input/output |

## ENCLOSURE

| | |
|---|---|
| **Cabinet material :** | 15 mm birch plywood, textured paint finish, RAL 9005 |
| **Dimensions :** | 460 × 320 × 311 mm (H × W × D) |
| **Net weight :** | 14 kg / 30 lbs |

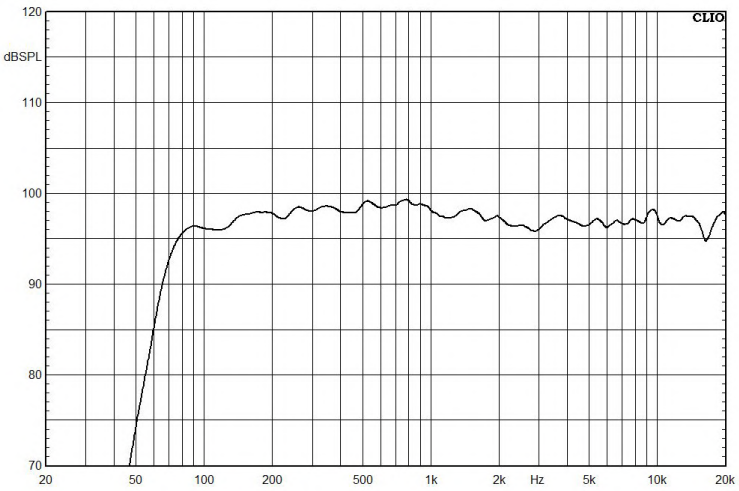
## POWER REQUIREMENTS

| | |
|---|---|
| **Power supply :** | 100-240 VAC ±10%, 50-60 Hz (universal switching PSU) |
| **Power consumption[5]:** | 440 W |

1 - Sound pressure: Peak SPL calculated by summing the acoustic intensity across the full spectrum.
2 - Frequency response measured as the range within which the power-averaged SPL stays within the stated tolerance. Narrow-band dips are excluded.
3 - Dispersion: defined by -6 dB points relative to the on-axis response.
4 - Power handling: 2 hours test made with continuous pink noise signal within the range Fs -10Fs. Power calculated on rated minimum impedance. Loudspeaker in free air.
5 - Power consumption: measured with filtered pink noise, 6 dB crest factor, into nominal load, according to AES2-2012 standard.

A+ ARMONÍA PLUS | DSP ON BOARD | SRM | PFC | CE COMPLIANT

**Frequency response on axis -20dBu at 1m**




For more product info and downloads visit our website

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