

WATERFALL AUDIO
SOUND DESIGNERS

MADE IN FRANCE



USER'S MANUAL
SUBWOOFER
HF3-500X

USAGE TIPS

We thank you very much for purchasing a Waterfall Audio subwoofer. Our deliberate choice for aesthetics and performance is constantly guiding our research and development towards innovative technologies.

In order to get the maximum efficiency, the subwoofer should be located in a corner of the room.

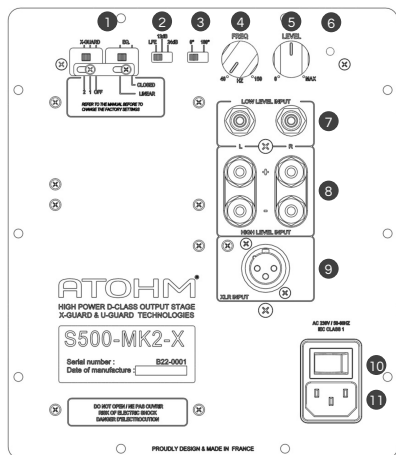
PLEASE READ CAREFULLY THE FOLLOWING INSTRUCTIONS BEFORE USE.

SAFETY INSTRUCTIONS AND WARNINGS

This subwoofer is designed to work under 220/230V voltage (110V option available upon request). The amplifier is internally equipped with a fuse protection. In case of failure **DO NOT** try to open and repair; please contact your reseller.

- Before proceeding with any connections make sure all electronics components are switched OFF.
- Connect the amplifier to the mains exclusively with the supplied power cord.
- When powering up for the first time make sure « level » button (5) is on minimum.
- Waterfall speakers are to be directly connected to the speaker output sockets on your stereo amplifier or A/V processor.
- NEVER plug your speakers to the mains.
- Ensure that polarities + (red) et - (black) are always correct.
- Do not expose this product to heat and humidity.





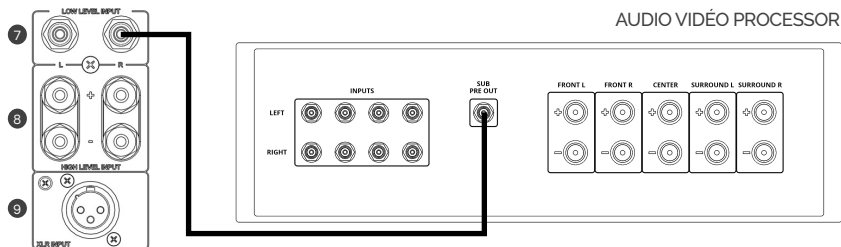
- ❶ Factory settings, **DO NOT CHANGE.**
- ❷ Bass management selector:
Low pass 24dB/Oct or 12 dB/Oct
LFE (cinema use only)
- ❸ Phase selector: 0-180°
- ❹ Frequency adjustment from 40 Hz to 150 Hz. Not active with LFE Mode
- ❺ Level adjustment button
- ❻ Standby led: indicates unit under power. Will flash if a problem is detected
- ❼ RCA low level inputs L&R
- ❽ High level inputs L&R
- ❾ XLR input
- ❿ Mains power switch
- ⓫ Mains plug (cord supplied)

Your subwoofer offers all technical connections options for Hifi and Home Cinema uses.

CONNECTIONS AND SETTINGS FOR HOME CINEMA USE

Connecting your subwoofer.

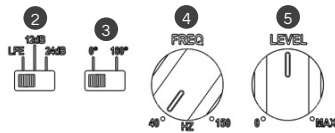
Connect the « Sub Pre Out » of your A/V processor by using a mono RCA modulation cable (not supplied) to one of the two "Low level input »(7) of your subwoofer. If your A/V processor has an XLR output, use an XLR cable (not supplied) and connect it to the XLR input (9) of your subwoofer.



Never connect XLR and RCA at the same time.

Once connections are made, power up the subwoofer with mains switch (10) on position « ON ».

Setup of the subwoofer's amplifier



- Set switch "LFE-12-24" (2) on "LFE". (note that "FREQ" (4) is not active with this setting).
- Depending on the filter of your A/V processor it might be necessary to change phase to 180°(3). Choose the setting that provides the most energy.
- Set volume « level» (5) to your convenience.

Setup of your A/V Processor

In the setup menu of your AV amplifier « small » mode on all speakers should be selected. Select the following crossover frequency:

- 80Hz for Iguasçu Evo or Victoria Evo
- 120Hz for Hurricane Evo or Elora Evo
- 150Hz for Serio.

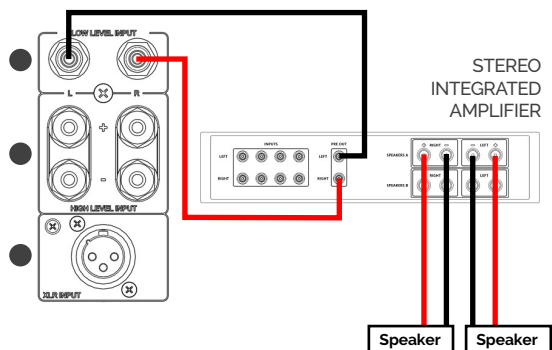
Finalize the complete set up (distance, test tone...). Please refer to your A/V's user manual or dealer if you need assistance.

CONNECTION OF YOUR SUBWOOFER IN STEREO MODE

Connecting to your stereo amplifier

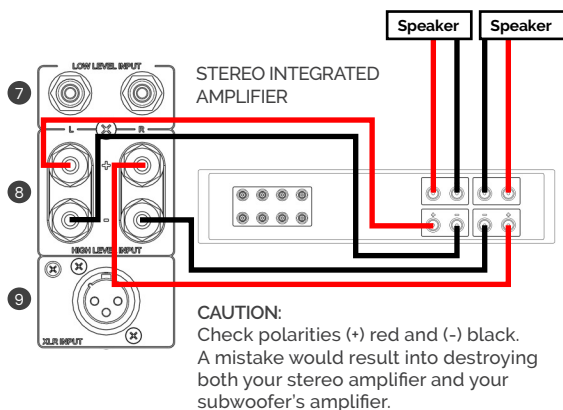
OPTION A

If your integrated amplifier is equipped with a L&R preout connect it via a stereo cinch cable (not supplied) to the low level input (7) of the subwoofer. Connect your speakers directly to your stereo amplifier.



Once connections are made, power up the subwoofer with mains switch (10) on position « **ON** ».

Setup of the subwoofer's amplifier



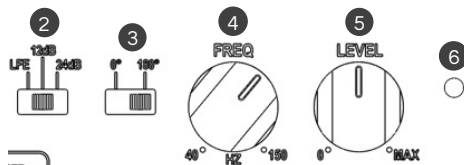
OPTION B

If your amplifier doesn't have a L&R preout, connect your stereo amplifier with speaker cable (not supplied) to the high level input (8) of the subwoofer as shown.

Once connections are made, power up the subwoofer with mains switch (10) on position « **ON** ».

SET UP OF THE SUBWOOFER'S AMPLIFIER

RÉGLAGES SUR CAISSON	ON WALL WATERFALL SPEAKERS		
	Sério	Hurricane Evo	Elora Evo
Switch LFE-12dB-24dB (2)	12 dB	12 dB	12 dB
Frequency (4)	140 Hz	120 Hz	100 Hz
Phase (3)	180°	180°	180°



Set volume « level» (5) to your convenience.

WARRANTY

Waterfall speakers have a 5 years warranty (parts & service) except amplifiers. Waterfall amplifiers have a 2 years warranty (parts & service). Check more on www.waterfallaudio.com (warranty section).

IN THE EVENT OF RESALE THE PRESENT THE DOCUMENT HAS TO BE INCLUDED WITH THE PRODUCT

WATERFALL AUDIO

ZA les praderies - 83 570 Carcès - France
waterfallaudio.com

Made in France, 5 years warranty on speakers, 2 years warranty on amplifiers (parts& service).
We operate a policy of continuous improvement and reserve the right to amend designs and specifications without prior notice.



All drivers and amplifiers are developed and manufactured by ATOHM (France).