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## PRODUCT FEATURES

### INTRODUCTION

XXL Loudspeaker Systems STAGE LINE are professional equipments designed to answer to today most demanding musicians and audio engineers. They are made only with Recycled Wood following the "XXL for Nature philosophy". These loudspeakers are designed in Italy and made with best quality materials, controlled and selected by XXL engineers. Our Research and Development Department works hard to improve quality and performances of each product and our Quality Department assures very strict control procedures over all the Production cycles, starting from product conception.

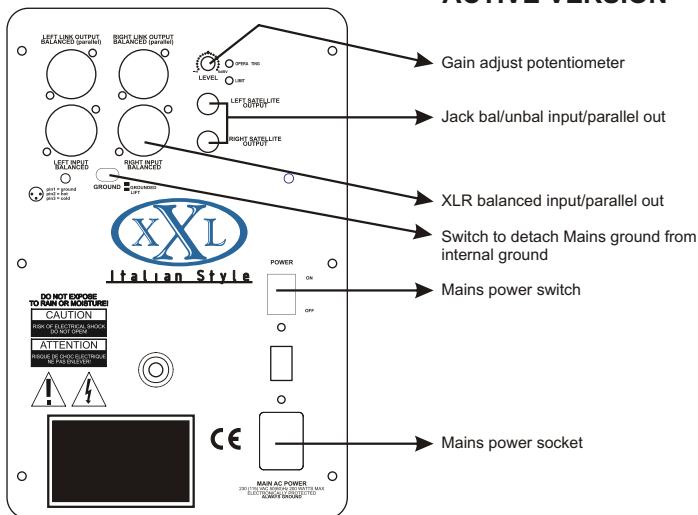
### PRODUCT FEATURES

All the models are two-way loudspeakers with very smooth and extended frequency response, low distortion at any output power, good sensitivity and wide polar pattern. All **Powered** models are provided with a powerful amplifier, with short-circuit, over-temperature and over current protections. Furthermore these models have DX16, 15-preset + FLAT, modeling device allowing you to optimize STAGE speakers performances in any environment. 1/4" TRS Jack and/or XLR input/parallel connectors are electronically balanced, and an optical limiter drastically reduces clipping problems while a knob allows adjustment of the system gain. Please note that **STAGE15P** powered subwoofer has only non-powered outputs. A powered output jack on rear panel allows driving a passive loudspeaker, better if it's the same model of the powered loudspeaker.

In order to allow you to easily connect and daisy chain speakers, all **passive** models have one 1/4" jack and two SPEAKON connectors. Passive models feature a professional crossover unit mounted on rear panel.

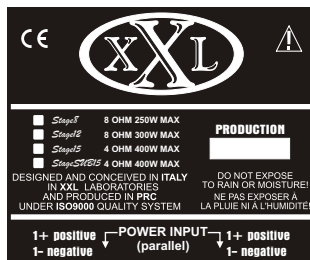
For each model tech specs, please refer to our website [www.xxlinside.com](http://www.xxlinside.com)

### ACTIVE VERSION



### PASSIVE VERSION

SPEAKON connectors  
1/4" IN/OUT jack (parallel)



## PRODUCT CARE AND MAINTENANCE

### INSTRUCTION FOR PROPER PRODUCT OPERATIONS

- Never expose and/or place the loudspeakers close to heat sources, such as radiators or stoves.
- Never expose the loudspeakers to direct sunlight for long periods.
- Avoid mechanical shocks or prolonged vibrations to loudspeakers.
- Never leave the loudspeakers in wet or dusty places.
- Never install the loudspeakers close to strong electromagnetic interference such as high power electrical cabling and video monitors.
- Care should be taken avoiding loudspeakers falls and liquid spilled into the enclosure.
- Never remove the protective grill.
- To clean the enclosure, do not use alcohol, solvents or detergents, but a soft dry cloth or a soft brush.
- Take care of the connector cables, making sure that they are not knotted or twisted.
- Never heavily push the connectors.

### TO CONNECT THE LOUDSPEAKERS

#### ACTIVE VERSION

#### CONNECTION TO POWER SUPPLY

- Always check that the mains voltage corresponds to loudspeaker label/ manufacturer indications.
- Use only power cable supplied with the loudspeakers.
- Always connect the power cable to a GROUNDED mains outlet.

#### MIXER CONNECTION

- Always use high quality SHIELDED cables only!
- Before connecting the loudspeaker, make sure that the power switches are in OFF position and all levels at minimum. After each set, first of all turn OFF the loudspeaker switch.

#### PASSIVE VERSION

#### TO CONNECT PASSIVE ENCLOSURES TO POWERED MIXERS AND POWER AMPLIFIERS.

- Always use only heavy duty, high quality unshielded - Jack or SPEAK-ON - cables.
- To avoid annoying "bumps" and signal peaks, which should be dangerous for the loudspeakers, we recommend you to switch OFF amplifiers before connecting/disconnecting the loudspeakers, and to turn OFF first the amplifier switch after each set.

## SAFETY INSTRUCTIONS

### WARNING

**In order to avoid users to invalidate this product warranty, please carefully read and heed the following safety instructions.**

The use of this product in applications other than sound reinforcement system or studio recording system is to be undertaken at the user's and/or installer's sole risk and responsibility.

When installing the product, always make sure that loudspeaker support is adequate. Never hang the loudspeaker by flying system not expressly approved by the manufacturer.

To avoid knocks and shocks to loudspeaker, always make sure to place it in a protected area with no access to not-qualified personnel.

Always avoid loud sound pressure levels operation when anyone is closer than 6" (1.80m) to loudspeaker front.

Never expose people, especially children, to high sound pressure levels.

### INSTRUCTIONS TO AVOID FIRE AND/OR ELECTRIC SHOCK.

(For POWERED version)

- Never use the product in proximity of water or on/close to a wet surface. Never let any liquid or any object, enter into product cabinet; in this case, disconnect it immediately and refer to qualified personnel before operating it again.
- Before operating the product, make sure that the mains outlet voltage corresponds to that stated by the manufacturer.
- In case of inside or outside fuse replacement, please respect the fuse values stated on the loudspeaker.
- This loudspeaker must be connected only to mains outlets complying to existing safety regulations and only via the supplied power cable.
- Never press the power cable and never lay it on a walkway where it should be tread on.
- Installing powered loudspeaker, provide adequate airflow to cool it.
- Always make sure that the ON/OFF switch is in its OFF position before connecting the loudspeakers.
- Before removing the loudspeaker after your set, disconnect all the cables.
- To disconnect the loudspeaker never pull the cable directly, but hold the plug and pull it from the mains supply outlet.

### CAUTION

**To prevent fire and/or electric shock, never remove the cover of the product.**

**For maintenance and servicing refer always and only to qualified personnel specifically authorized by Carisch SPA or by Carisch SPA Official Distributor.**