

Campanile 3000 series

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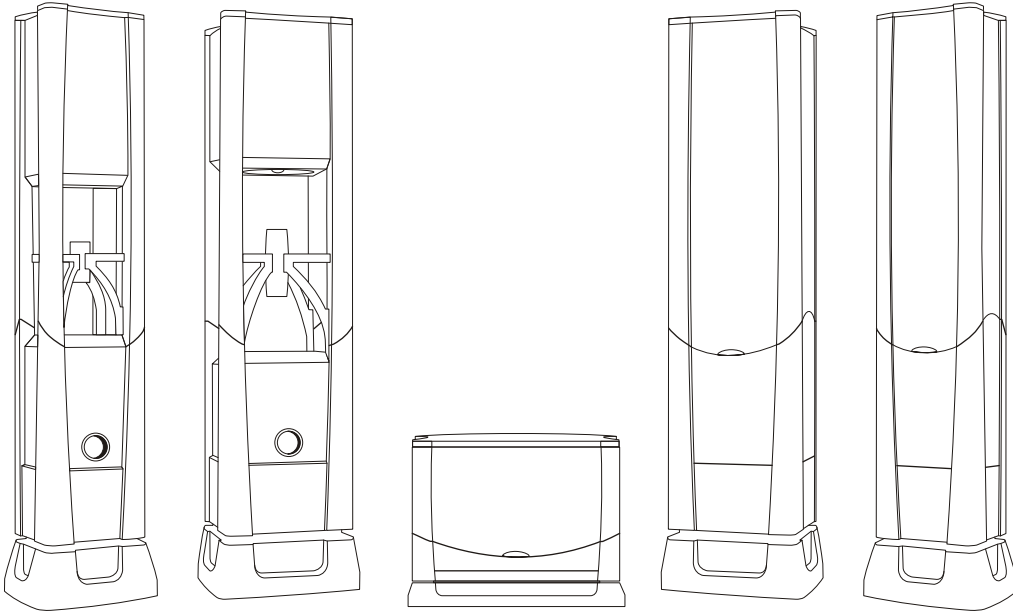
Thank you for choosing Bolzano Villettri loudspeakers!

Bolzano Villettri loudspeakers represent a unique approach towards loudspeakers manufacturing. The fundamentals of our work are based on our long-term theoretical research; together with the mastery of our skilled experts; our modern advanced design and our serious attitude towards all stages of the loudspeakers creation process. It is through this we have achieved perfection of form and content. Our loudspeakers are graphical evidence of that!

It is important for us that your new Bolzano Villettri loudspeakers be set up and connected optimally. This manual contains our recommendations for setup, connection and maintenance.

To extract the best standards of your system please refer closely to this manual. It may be also necessary for you to refer to your other components' user guides to prevent any damage or loss in performance which may occur from incorrect installation.

Enjoy!



The Bolzano Villettri 3000 series (Campanile) of loudspeakers consists of the following systems:

BV HF 3005 Torre (floorstanding speaker)

BV HF 3003 Piazzetta (floorstanding speaker)

BV HF 3001 Cantoria (central channel speaker)

BV HF 3000 Vecchio (active subwoofer)

Unpacking the product

Unpack the speakers and check the contents. If you suspect damage from transit, report it immediately to your dealer and/or delivery service. Keep the shipping carton and packing materials for future use.

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Safety

1. **Warning:** To reduce the risk of electric shock, do not remove any panels. There are no user serviceable parts in this product.
2. **Warning:** To reduce the risk of electric shock, do not expose this product to rain or moisture.
3. **Read instructions:** All the safety and operating instruction should be read before the product is operated.
4. **Retain instructions:** The safety and operational instructions should be retained for future reference.
5. **Heed Warning:** All warnings on the product and in the operating instructions should be adhered to.
6. **Follow instruction:** All operating and use instructions should be followed.
7. **Water and Moisture:** The product should not be used near water, for example near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool and the like.
8. **Ventilation:** The product should be situated so that its location or position does not interfere with proper ventilation. For example, the product should not be situated on a bed, sofa, or similar surface that may block the ventilation opening; or placed in a build-in installation, such as bookcase or cabinet, that may impede the flow of air through the ventilation openings.
9. **Object and liquid entry:** Do not insert any object or liquid into the openings and in the product as this may cause electric shock or malfunction.
10. **Heat:** The product should be situated away from the heat sources such as radiators, heat registers, fires, or the other appliances that produce heat.
11. **Power sources:** The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
12. **Power cord protection:** Power supply cords should be routed away from the areas where they are likely to be walked on or squashed by furniture. Also pay attention to the placement of extension leads or multi-way extension leads.
13. **Cleaning:** do not use any liquid cleaners. Use only the dry cloth to wipe off dust and grease.
14. **Safety conditions:** The loudspeakers are real wood veneer, high-gloss and polish. To prevent the damage of the cabinet appearance we recommend to keep the following conditions for the products optimal storage:
Temperature: 18-25 C
Humidity: 50-70%
The conditions are not binding, they are recommendatory. These will enable your systems to keep the design ideal and serve you for a long period of time.
15. **Non-use period:** The power cord of the product should be unplugged from the outlet when left unused for a long period of time.
16. **Damage requiring service:** The product should be serviced by qualified personnel when:
 - a. The power supply code or the plug has been damaged; or
 - b. Objects has been fallen, or liquid has been spilled into the product; or
 - c. The product has been exposed to rain; or
 - d. The product does not appear to operate normally; or
 - e. The product has been dropped, or the enclosure damaged.
17. **Servicing:** The user should not attempt to service the beyond that described in the operating instructions. All the other servicing should be referred to qualified service personnel.

Breaking-in period

The drivers used in the Bolzano Villettri loudspeakers are complex mechanical devices and require on run-in period before they deliver their best performance. They must get adapted to the temperature and humidity conditions of their environment. This breaking period depends on the encountered conditions and can last several weeks. In the order to shorten this period, we advise you to let your loudspeakers operate for about twenty hours at the medium level, playing standard musical programs, but with a large amount of bass.

Once the components of the loudspeakers are completely stabilized, it is possible to enjoy the real performance of your Bolzano Villettri loudspeakers.

Suggested home theater configuration

We suggest the following variants of integrated systems (5.1 home theatre) depending on the used floorstanding speakers.

Configuration	Front channel speakers	Rear channel speakers	Central channel speaker	Subwoofer
Recommended	BV HF 3005	BV HF 3003	BV HF 3001	BV HFS 3000
Possible	BV HF 3005	BV HF 3005	BV HF 3001	BV HFS 3000
Possible	BV HF 3003	BV HF 3003	BV HF 3001	BV HFS 3000

We advise to use the **BV HFS 3000** subwoofer whatever the configuration you may choose.

Audio system configuration

Any pair of Bolzano Villettri floorstanding loudspeakers can be used as stereo pairs in home audio system.

Connections

Follow the steps below to setup and connect your speakers to your AV equipment.

1. Always turn off your amplifier before connecting any cables or altering any connections.
2. Always use cables of the same type and length for left and right speakers.
3. For the perfect sound experience, the right speaker must be connected to the output terminal marked "R" or "Right" on your amplifier and the left speaker to the terminal marked "L" or "Left".
4. The red terminal (+) on the amplifier should be connected to the red terminal (+) on the speaker, and the black terminal (-) on the amplifier should be connected to the black terminal (-) on the speaker (Fig. 1)

Fig.1. Stereo connection



5. The same guidelines apply irrespective of the number of speakers in your sound system: speakers positioned to the right must be connected to the amplifier output terminal marked "R" or "Right", and any to the left must be connected to "L" or "Left".

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Installation

- You must ensure that the cable ends are firmly pushed into the terminals, and that there are no loose wires, which could cause a short circuit and damage the amplifier (Fig. 2)

Fig.2. Terminal connection

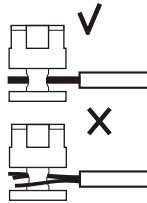
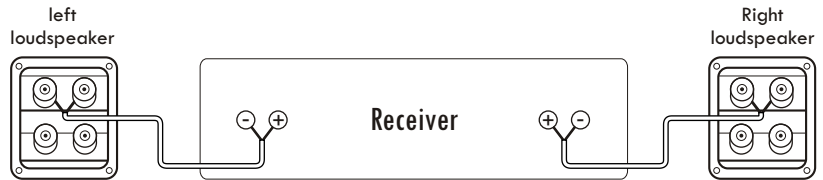


Fig.3. Single wiring



- Single wiring

In the single wired configuration, a single amplifier drives each loudspeaker through a single cable. The links convert the crossover to single wiring mode and you can connect your cable to either pair of terminals (Fig.3).

Make sure that the links are in place between the two red (+) and two black (-) terminals before connecting any cables

- Bi-wiring and Bi-amping

Bolzano Villettri floorstanding speakers: Laurana and Studiolo have terminals for bi-wiring and bi-amping (Fig.4).

Fig.4. Bi-wiring / Bi-amping

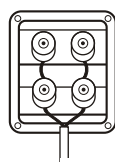
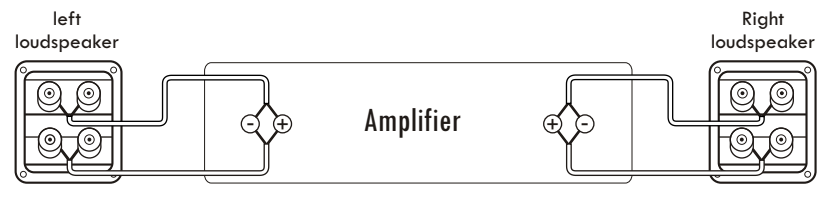


Fig.5. Bi-wiring



Bi-wiring

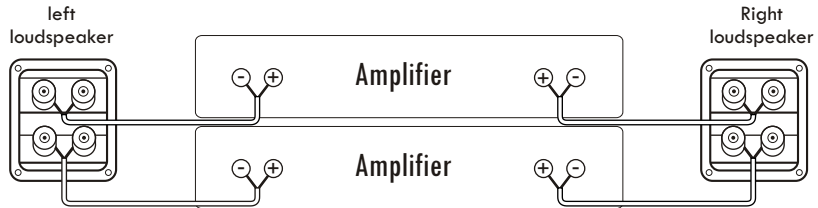
The top terminal pair are connected to the high frequency section of the crossover network, and the bottom terminal pair are connected to the bass section of the crossover network. When employing bi-wiring or bi-amping, the metal links between the terminals should be removed.

In the case of bi-wiring, the speaker cable is connected via a terminal pair on each speaker to the respective output terminals on the amplifier - and then the cable from the speaker's other terminal pair is connected to the same output terminals on the amplifier (Fig. 5).

Bi-amping

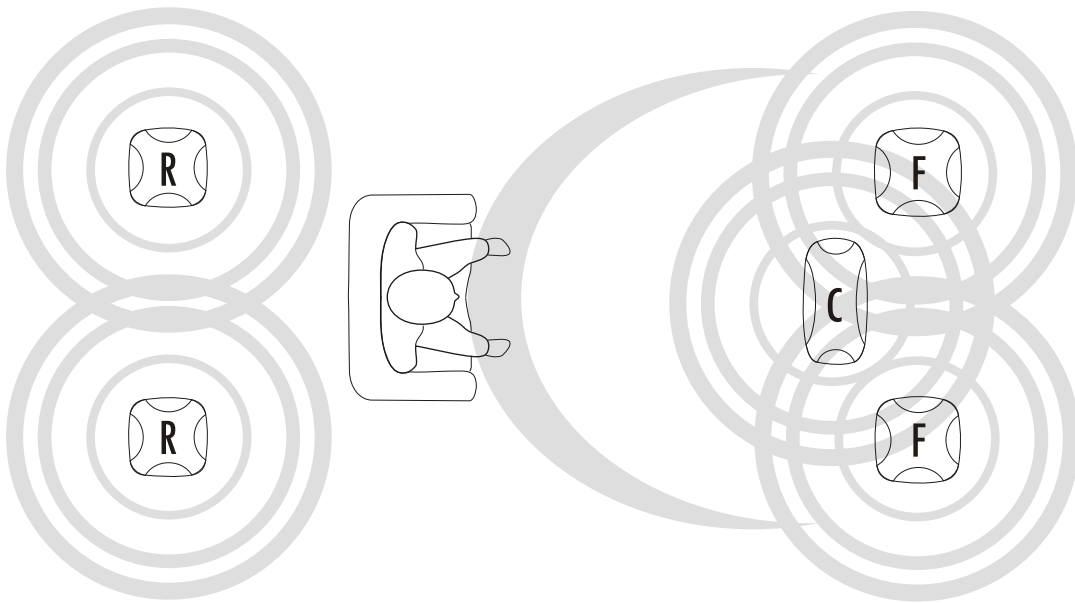
We recommend using two stereo amplifiers. One amplifier supplies the speakers with the signal for the high frequency section of the crossover network, and the other amplifier supplies the bass section. The left speaker's bass terminals (the bottom ones) should be connected to the left channel on one of the amplifiers, and the right speaker's bass terminals to the right channel on the same amplifier. The same principle should be followed for connecting the high frequency terminals of the speakers (Fig. 6).

Fig.6. Bi-amping

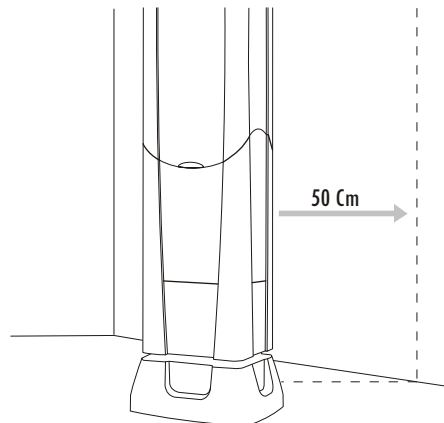


Positioning

Nevertheless, it is important to place your speakers in the right position in the room. Correct set-up and tuning will provide a significantly better sound experience. Follow some useful pieces of advice below to maximize the performance of your speakers.



1. Front Speakers should be placed symmetrically in the relation to your display.
2. The Center Speaker should be placed ideally underneath your display.
3. Rear Speakers can be difficult to place as you often have no room behind where you choose to sit.
4. Subwoofer can be placed anywhere in your room as subwoofers are omni-directional. We recommend that it is placed within the same area as your speakers to ensure proper integration.
5. Distance from walls: The system work well when placed 50 cm from a rear wall, preferably greater distance.
6. Use your own judgment and the tastes to fine tune the systems.



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Warranty and Service

The warranty on your Bolzano Villettri loudspeakers is valid for the period of five years from the date of purchase or three years for electronics including amplified loudspeakers. It is essential that you keep a copy of your sales receipt as a proof of the purchase date of your loudspeakers. You should also store the hardcase and packing materials to protect the loudspeakers should you ever need to return them for service. This warranty is valid only for the original owner named on the Warranty Card. This warranty is only valid in the country of purchase.

Defects covered by the warranty inquiries:

Except for the defects stated below, the warranty covers any production and material defects of the product.

Defects not covered by the warranty:

- Defects arising from accidents, misuse, normal wear and tear, mis-maintenance, voltage variation, overloading, stroke of lightning, and the other force-majeure events
- Defects arising from incorrect installation or operation
- Defects arising from modification/repair/attempt of repair by non-authorized service center
- Defects arising from the use of non-original spare-parts
- Defects on products with altered or lacking series number
- Other defects due to conditions or circumstances beyond the suppliers' control

Transportation costs for servicing are not covered by the warranty.

The supplier is liable only to repair or replace defective parts or products and the supplier is not responsible for indirect losses or damages arising from the use of the product. A replacement cannot exceed the value of the product under the warranty.

	BV 3000 Series (Hi - Fi)		
	BV HF 3005	BV HF 3003	BV HF 3001
Description	2-way floorstanding vented-box system	2-way floorstanding vented-box system	2-way center channel vented-box system
Frequency Response, Hz	32-20 000	33-20 000	48-20 000
Nominal Impedance, Ohms	4	4	8
Power Handling, W	50-200	50-200	25-100
Drive Units: Bass/Midrange High Frequency	2x8" polypropylene cone bass/midrange 2x1.125" soft dome tweeter	2x6.5" polypropylene cone bass/midrange, magnetically shielded 2x1.125" soft dome tweeter	2x5" polypropylene cone bass/midrange, magnetically shielded 2x1.125" soft dome tweeter
Harmonic Distortion, %	<1% 40-20000 Hz <0.5% 63-20000 Hz	<1% 40-20000 Hz <0.5% 63-20000 Hz	<1% 40-20000 Hz <0.5% 63-20000 Hz
Crossover Frequencies, Hz	4500	4500	3500
Dimensions: Height Width Depth	63.1" (1603mm) 16.3" (415mm) 16.3" (415mm)	63.1" (1603mm) 14" (355mm) 14" (355mm)	17.1" (435mm) 22.8" (580mm) 11.8" (300mm)
Net Weight (unit), kg	55	40	14