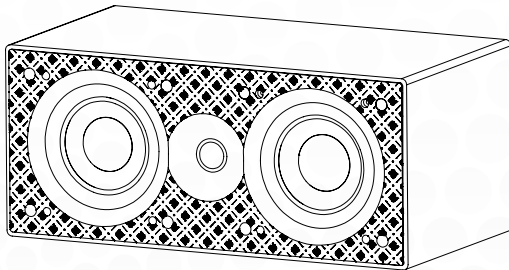
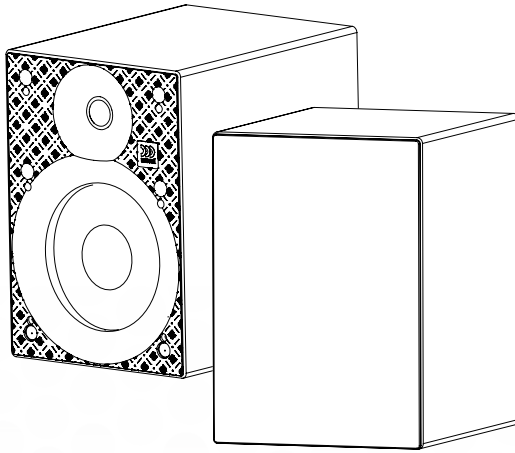




# VARIO

**series**



VARIO X bookshelf • VARIO X center • VARIO ELITE bookshelf • VARIO ELITE center

User Manual and Installation Guide

Dear Customer,

Thank you for choosing Morel's VARIO speakers!

The VARIO Series was engineered to offer high fidelity sound quality for both stereo and home theater applications. The information in this manual will help get the best possible performance out of the VARIO speakers. If you have any questions, please contact your Morel dealer, or Morel support at [www.morelhifi.com](http://www.morelhifi.com)

## VARIO Speaker Design

The passion that inspires us for over 45 years to design and manufacture loudspeakers that recreate the incomparable natural sound of live music performance, is what led us to engineer the VARIO series.

Equipped with Morel's innovative transducer technology, the VARIO speakers were made to provide subtle, chic modern design, which can be easily added to any decor.

The Vario series perfectly matches Morel's new SoudnWall™ in-wall / in-ceiling speaker series, seamlessly complementing it.

## VARIO Speaker Application

The Vario series consists of bookshelf and centre speakers, available at two resolution levels. We do not compromise on high-quality products and Vario is no different. Engineered for both stereo and multi-channel applications, we took great care to harmonize each Vario speaker so it integrates perfectly in a home cinema set up.

Vario X speakers promise you an unbeatable performance value.

Vario ELITE speakers deliver a high-fidelity experience with a higher resolution and power handling to meet the most demanding music lovers.

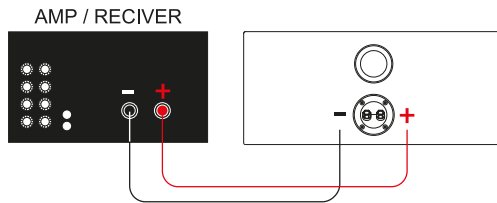
## Break-in Period

As in any high-end speaker system, the VARIO speakers must be used for a short period of time before they reach peak performance. Due to the construction design of the VARIO drivers, we recommend a 72-hour break-in period. Please keep this in mind when you initially evaluate the speakers.

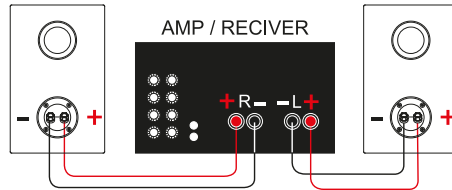
# Connecting The VARIO Speakers

Please follow the provided illustration for proper connection and set up of your new speakers.

## VARIO Center Speakers Connction



## VARIO Bookshelf Speakers Connction

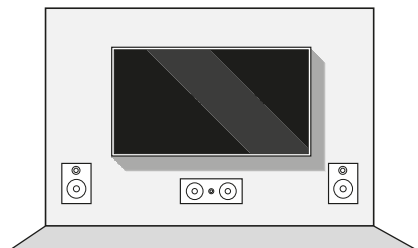
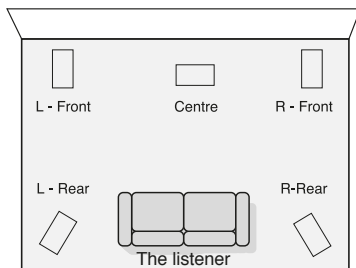


## VARIO AV set up recommendation

The position of the speakers has a great effect on the quality of the sound and soundstage created. Here are some recommended guidelines that will assist you in the speaker placement process.

In a home theatre configuration, you can choose various locations to position your speakers. The illustration below shows a basic 5.1 Dolby Digital speaker set-up. It is important to note that speaker locations can differ from one digital format to another.

For more information please contact your local authorised dealer.



# Specifications

## VARIO X Series

Specifications	VARIO X bookshelf	VARIO X center
Construction	MDF vinyl cabinet, Front plastic ABS frame	MDF vinyl cabinet, Front plastic ABS frame
Drive units	Woofer: 6.5" paper composite cellular fiber cone, 1.1" voice coil, ferrite magnet motor. Tweeter: 1" soft dome, neodymium magnet motor	Woofer: Two x 5.25" polypropylene cone, 1" voice coil, ferrite magnet motor. Tweeter: 1" soft dome, ferrite magnet motor
Nominal impedance	6ohm	6ohm
Sensitivity 2.83V/1M	90dB	91dB
Power handling	100W(RMS)	150W(RMS)
Operating power	20-100W	20-150W
Crossover	3,500Hz / 12dB	3,500Hz / 12dB
Frequency response	50-22,000Hz (-5dB)	40-20,000Hz (-5dB)
Grille	Metal + fabric	Metal + fabric
Overall exterior grille dimensions (WxHxD/Ø)	8.4"x11.8" (212x300mm)	16.6"x7.1"x0.1" (423x180x3mm)
Cut out dimensions (HxW/Ø)	7.3"x10.7" (185x273mm)	6.1"x15.4" (154x390mm)
Mounting Depth	3.15" (80mm)	3.3" (85mm)
Finish	white / black	white / black

## VARIO ELITE Series

Specifications	VARIO ELITE bookshelf	VARIO ELITE center
Construction	MDF vinyl cabinet, Front plastic ABS frame	MDF vinyl cabinet, Front plastic ABS frame
Drive units	Woofer: 6.5" double ferrit magnet motor, one piece integrated dome and surround cone, made of damped polymer composite. 3" aluminum hexatech™ voice coil. Tweeter: 1.1" aluminum hexatech™ voice coil, acuflex coated, neodymium magnet motor	Woofer: Two x 5.25" double ferrit magnet motor, one piece integrated dome and surround cone, made of damped polymer composite. 3" aluminum hexatech™ voice coil. Tweeter: 1.1" aluminum hexatech™ voice coil, acuflex coated, neodymium magnet motor
Nominal impedance	6ohm	6ohm
Sensitivity 2.83V/1M	90dB	91dB
Power handling	120W(RMS)	150W(RMS)
Operating power	20-120W	20-150W
Crossover	3,200Hz / 12dB	3,500Hz / 12dB
Frequency response	55-20,000Hz (-5dB)	50-20,000Hz (-5dB)
Grille	Metal basalt grille	Metal basalt grille
Overall exterior grille dimensions (WxHxD/Ø)	8.4"x11.8" (212x300mm)	16.6"x7.1"x0.1" (423x180x3mm)
Cut out dimensions (HxW/Ø)	7.3"x10.7" (185x273mm)	6.1"x15.4" (154x390mm)
Mounting Depth	3.4" (85mm)	3.4" (85mm)
Finish	white / Black	white / Black