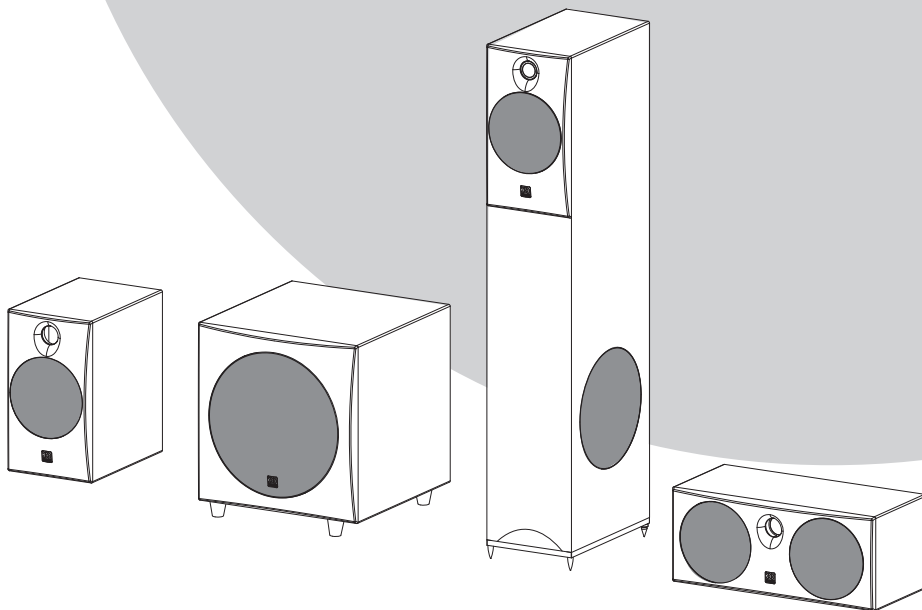
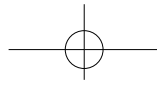


# Solan Series

## User Manual and Installation Guide





Dear Customer,

Thank you for choosing Morel's SOLAN!

The information in this manual will help you get the best possible performance out of your speakers. If you have any questions, please contact your Morel dealer, or Morel Support at [www.morelhifi.com](http://www.morelhifi.com).

## SOLAN Speakers Design

The inspiration to design the Solan speaker line derives from our true love of music. With over 35 years of experience in designing and developing drivers and speakers, our aim has consistently been to recreate the incomparable sound of a natural, live music experience.

The Solan is a small speaker yet capable of producing a "big" natural sound that can be used in various applications and room settings.

## SOLAN Speaker Application

The Solan series consists of the Solan bookshelf, Solan Floor-standing, Solan Centre and Solan Subwoofer. Morel does not compromise on its high quality products and the Solan is no different. This new series was designed to provide the renowned Morel life-like sound, borrowing technologies from the fat lady flagship loudspeaker to deliver true enjoyment at an outstanding value.

The Solan's high gloss finish front baffle and innovative integrated grille (in the tweeter and woofer) deliver a beautifully sculptured speaker design that will suite any in-door environment.

Intended for both stereo and multi channel applications, Morel took great care to harmonize each speaker so it integrates perfectly in a home theatre set up.

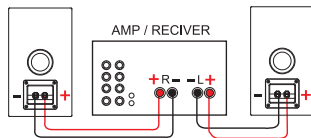
The frequency response and phase are identical in the Solan bookshelf, Solan floor-standing and Solan centre providing a believable, coherent soundstage.

The Solan speakers produce a very dramatic and dynamic sound in their category.

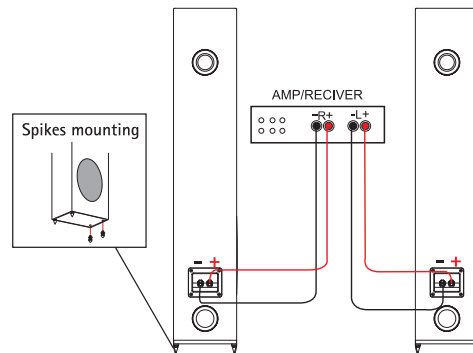
## Connecting The SOLAN Speakers

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

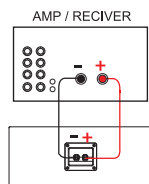
### SOLAN Bookshelf Speakers Connections



### SOLAN floor-standing Speakers Connections

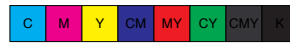
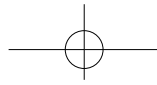


### SOLAN Centre Speaker Connections



## Break-in Period

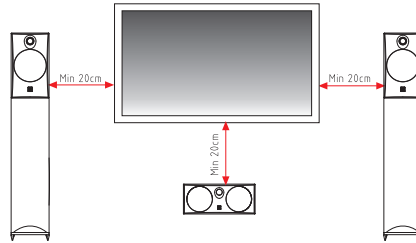
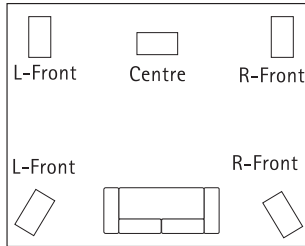
As in any high-end speaker system, the Solan speakers must be used for a short period of time before they reach peak performance. Due to the construction design of the Solan drivers, we recommend a 72-hour break-in period. Please keep this in mind when you initially evaluate the speakers.



## SOLAN AV set up recommendation

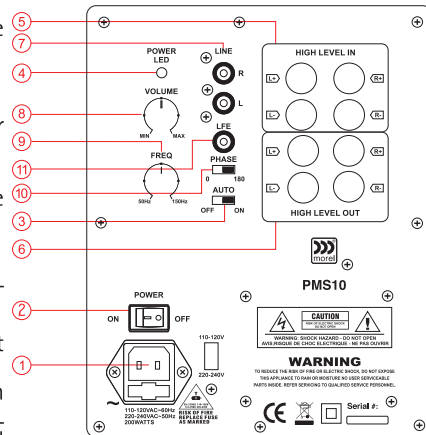
In a home theatre configuration, one can choose to position the speakers in various locations. The illustration shows a basic 5.1 Dolby Digital speaker set-up. It is important to note that speaker locations can differ from one digital format to another.

For more information please contact your local authorised dealer.

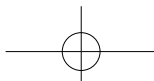


## Solan PMS 10 subwoofer speaker connections

- Before connecting the subwoofer to the AC mains please make sure that the operation switch ② is at OFF position.
- Connect the SUB OUT (or LINE OUT) from the amplifier / receiver to the LINE IN ⑦ in the subwoofer. The connection should be made with a single INTERLINK cable (cables that connect the RCA). The cable can be inserted into one of the two sub entries. White L red R.
- 



- If the amplifier does not have a SUB OUT (or LINE OUT) - as in a stereo amplifier, that is not made for home theatre application, you can connect the speakers out from the amplifier to the subwoofers HIGH LEVEL IN entry / terminal connection ⑤ with speaker cables. In this case, connect the front speakers to the HIGH LEVEL IN ⑤ terminals of the subwoofer so that it is connected to the amplifier and, the front speaker are connected to the subwoofer.
- Control switch (off/auto/on):** Operating the subwoofer; move the switch to ON position to operate the subwoofer ②. At the same time you can set the subwoofer operation to two modes by the AUTO switch ③. In an OFF position the subwoofer will switch on automatically when you switch on the receiver and will turn off a few minutes after the receiver is switched off. In an ON position the subwoofer will always be open and ready for operation.
- Volume control: ⑧.** Allows you to adjust the bass volume. Important; So as not to damage the subwoofer please keep the LEVEL switch in the minimum position before switching on the system. Once the system is operating you can adjust the volume as you please.
- Crossover frequency control: ⑨** allows you to adjust the Solan subwoofer bass frequency crossover point to match the the other speakers in the system. When matched properly there will be no excess over lap / gap between the frequencies of the Solan subwoofer and the rest of the speakers in the system.
- Phase switch: ⑩** this is used to synchronize between the subwoofer and the other speakers. In most cases the phase control switch should be set so the bass sound coming from the whole system sounds deep and powerful.



## SOLAN Speakers Specifications

SPECIFICATIONS	SOLAN BOOKSHELF SPEAKER
Type	2-way freestanding loudspeaker
Construction	MDF Vinyl cabinet, coated paint glossy piano finish front baffle.
Acoustical Loading	Single port bass reflex
Drive Units	<b>Bass midrange:</b> 5 1/2" (130mm) rear vented ferrite motor, Comprised of a lightweight paper cone doped with a polymer composite. The diaphragm is fitted with a 75mm domed dust cap and surround. <b>Tweeter:</b> High frequency unit, low resonance coated soft dome, 1" (25mm) voice coil.
Frequency Response	50 - 20,000 Hz
Nominal Impedance	4 ohm
Peak Power Handling	100W
Sensitivity 2.83 V / 1 M	88 dB
Crossover	2200 Hz / 12 dB octave
Dimension (W x H x D)	7" x 12" x 10" (178mm x 300mm x 250mm)
Weight	4,7 KG
Finish	White Pine, Black Ash, Dark wood

•Morel operates a product design improvement policy consequently specifications are subject to alterations without prior notice

SPECIFICATIONS	SOLAN CENTRE SPEAKER
Type	2 Way 3 unit, full range centre speaker with low magnetic stray field
Construction	MDF Vinyl cabinet, coated paint glossy piano finish front baffle.
Acoustical Loading	Sealed infinite baffle
Drive Units	<b>Bass midrange:</b> 2 x 5 1/2" (130mm) rear vented and ferrite motor. Both units comprised of lightweight paper cones doped with polymer composite. The diaphragm is fitted with a 75mm domed dust cap and surround. <b>Tweeter:</b> High frequency unit, low resonance coated soft dome, 1" (25mm) voice coil.
Frequency Response	60 - 20,000 Hz
Nominal Impedance	4 ohm
Nominal Power Handling	125W
Sensitivity 2.83 V / 1 M	88 dB
Crossover	2200 Hz / 12 dB octave
Dimension (W x H x D)	16 1/2" x 6 1/2" x 7 1/2" (420mm x 170mm x 195 mm)
Weight	5,8 KG
Finish	White Pine, Black Ash, Dark wood

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SPECIFICATIONS	SOLAN FLOOR-STANDING SPEAKER
Type	3-way 4-unit floorstanding loudspeaker
Construction	MDF Vinyl cabinet, coated paint glossy piano finish front baffle.
Acoustical Loading	Bass; single port reflex . Midrange ;single port reflex
Drive Units	<b>Bass:</b> 6 1/2" (160mm) rear vented ferrite motor. Comprised of a lightweight paper cone doped with a polymer composite. The diaphragm is fitted with a 100mm domed dust cap and surround. <b>Midrange:</b> 5 1/2" (130mm) rear vented ferrite motor, Comprised of a lightweight paper cone doped with a polymer composite. The diaphragm is fitted with a 75mm domed dust cap and surround. <b>Tweeter:</b> High frequency unit, low resonance coated soft dome, 1" (25mm) voice coil.
Frequency Response	30 - 20,000 Hz
Nominal Impedance	4 ohm
Nominal Power Handling	140W
Sensitivity 2.83 V / 1 M	88 dB
Crossover	150 Hz / 18db octave 2200 Hz / 12 dB octave
Dimension (W x H x D)	7" x 37" x 11 1/2" (178mm x 950mm x 292mm)
Weight	14,5 KG
Finish	White Pine, Black Ash, Dark wood

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SPECIFICATIONS	SOLAN PMS10 SUBWOOFER
Construction	MDF Vinyl cabinet, coated paint glossy piano finish front baffle.
Drive Units	One 8" (203.2mm) woofer
Frequency Response	35-160Hz
Amplifier	100W, continuous power, all formats compatible with automatic on/off switch, level, crossover, and phase controls.
Inputs	Line-level RCA phono jacks high-level binding post terminals
Voltage	115-230 VAC 50/60Hz with main supply voltage selector
Dimensions (W x H x D)	14 1/2" x 14" x 13 1/2" (366mm x 360mm X 330mm)
Weight	13,5 KG
Finish	White Pine, Black Ash, Dark wood

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