

PHASE TECHNOLOGY Solaris speaker

Congratulations on the purchase of your new Phase Technology speaker system. With minimal care, your new system will provide years of enjoyment. Please take a few minutes to read this manual, which will explain proper placement and connection.

The Solaris speaker is designed for indoor and outdoor playback of music and home theater sources. Each speaker includes a convenient C-clamp and pre threaded inserts for use with most standard swivel mounts. And with UV-resistant, paintable, composite enclosures and aluminum grilles, *Solaris* will look as good as it sounds through years of outdoor exposure.

Connections

Before making any connection, make sure your amplifier or receiver's power is turned off. Each speaker has a red (+) terminal and a black (-) ground terminal, which will match the speaker output terminals on your amplifier or receiver. Correctly connecting red to red and black to black from your amplifier to your speaker will insure correct phase connection. We recommend 16 gauge or heavier wire for the best performance from your speakers. Choose speaker wire that defines each conductor with color-coding or texture on at least one of the two wire leads to assure proper phase connection.

Wall Mounting

The C-clamp assembly is pre-drilled for fastening to a shelf, wall or ceiling. Before mounting the Solaris speaker to a wall or ceiling, it is important to consider the surface material the speaker will be mounted on. If you intend to mount the speaker to wood, traditional 1" long wood screws will secure the speaker properly. Mounting to stucco, plaster, concrete or drywall will require additional measures to properly secure the speaker to one of these surfaces. Consult your Phase Technology dealer for assistance.

You will find it much easier to mount the speaker if you first remove the speaker from the C-clamp. With the speaker removed from the C-Clamp, use the C-clamp as a template to locate the desired speaker placement. Hold the C-clamp at the location the speaker is to be mounted, then mark the mounting holes with a pencil. Secure the clamp to the mounting surface with the appropriate screws.

NOTE: For a ceiling or wall mounting, it is recommended to center the base on a stud or wood frame member within your structure whenever possible. Before you place the speaker on the clamp, connect the speaker wire to the terminals on the back of the speaker. Once the clamp is properly

secured and the wires attached, the speaker may be attached to the clamp using the provided adjustment knobs. Hold the speaker at the desired angle and tighten the knobs. Exercise care to avoid over-tightening the screws. **Always loosen the retaining knobs before attempting to change the speaker angle.**

Caring for your speakers – Outdoor use.

Your Solaris speakers are engineered for both indoor and outdoor use and operations. Random water hitting the speaker will not damage your Solaris speakers making it ideally suited for placement in close proximity to swimming pools and spas. The Solaris speaker is not intended for use underwater.

Ordinary dust and dirt accumulation will not harm the Solaris speaker. If you wish to clean the Solaris speaker, household glass cleaning solution sprayed on a paper towel may be used for light cleanup. For heavier stains, a soap and water solution applied with a rag or sponge should remove the dirt and stains. Avoid spraying the Solaris speaker with a high-pressure hose.

Subwoofer Connections

You may choose to use a subwoofer with your Solaris speaker to enhance the bass response of your music system. There are two ways to connect the Solaris speaker with a powered subwoofer. The first uses the sub-out connection. This type of output utilizes RCA connectors. **NOTE: Most processors and receivers have a single (mono) Sub-out. Connect the Subwoofer output from your receiver or processor to either the left input or the right input on your subwoofer amplifier.** Then follow the section titled **Connections** to hook up your Solaris speakers.

The second option, High Level (speaker level), connects the subwoofer utilizing the speaker output terminals of the amplifier or receiver. For this hook-up method you will need two sets of speaker wires coming out of the left and right outputs on your amplifier or receiver. One set goes to the subwoofer and the other to the right and left input on your Solaris speakers.

Service Issues and Warranty

Phase Technology has an uncompromising commitment to quality assurance. In the unlikely event that a problem occurs with your Solaris speaker, please contact your Phase Technology dealer. Your new Solaris speaker comes with a warranty to protect you, the original purchaser, against defects in material and workmanship. Please refer to the warranty card included with this manual.



Specifications

Model SPF 25

Model SPF 35

Tweeter:	1" titanium dome	1" titanium dome
Woofer:	5.25" mineral filled poly w/ butyl rubber surround	6.5" mineral filled poly w/ butyl rubber surround
Frequency Response:	70 - 20,000Hz (+/- 3dB)	56 - 20,000Hz (+/- 3dB)
Sensitivity:	89 dB	88 dB
Power Handling:	10-100 watts	10- 100 watts
Impedance:	8 ohms	8 ohms
Dimensions:	11"H x 7.25"W x 5.5"D	12.25"H x 8.5"W x 7.5"D
Weight:	5.75 lbs.	7.25 lbs.



*Solaris indoor/outdoor
speaker systems*



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