

# [SOLARIS]<sup>®</sup> SPF-15

outdoor series

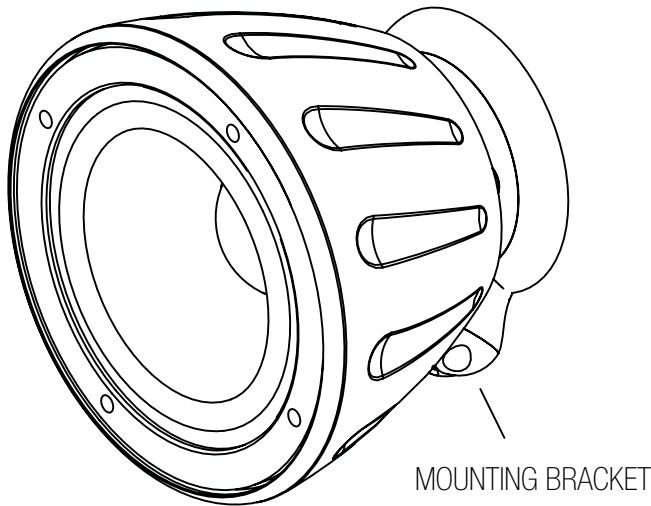


SPEAKERS FOR YOUR LIFE<sup>™</sup>

## OWNER'S MANUAL & INSTALL GUIDE

FULL-RANGE SURFACE-MOUNT OUTDOOR SPEAKER

### [BOX CONTENTS] 1 SPEAKER



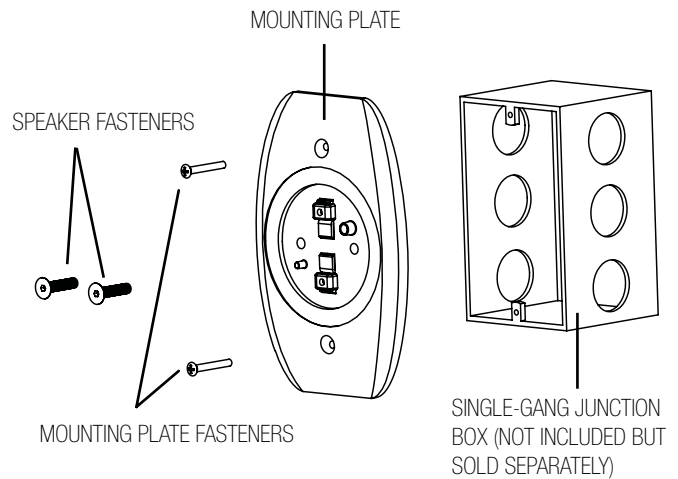
Thank you for choosing Phase Technology<sup>®</sup> speakers. We know there are a wide variety of choices available today, and we sincerely appreciate your purchase of our product. Phase Technology speakers are built to exacting standards and will provide many years of listening enjoyment.

Our speakers are the result of over five decades of designing and manufacturing. We hold many key patents in loudspeaker technology including the soft-dome tweeter. Our mission, our passion is to constantly advance the art and science of accurate audio reproduction. Our dedication insures your new speakers will accurately reproduce all the impact, detail and delicacy of today's digital technology.

Regardless of application, serious audiophile listening or home theater, we recommend that you take the time to read this manual thoroughly before connecting speakers to your amplifier or receiver. In the highly unlikely event that you should experience a problem with set-up or operation, please contact one of our authorized dealers for assistance, or contact us directly.

Phase Technology Corporation  
8005 W. 110th St., Suite 208  
Overland Park, KS 66210  
855.663.5600 (Domestic)  
+1.913.663.5600 (International)  
Fax: 913.663.3200

### [OPTIONAL AC-SPF-MP] (SOLD SEPARATELY)



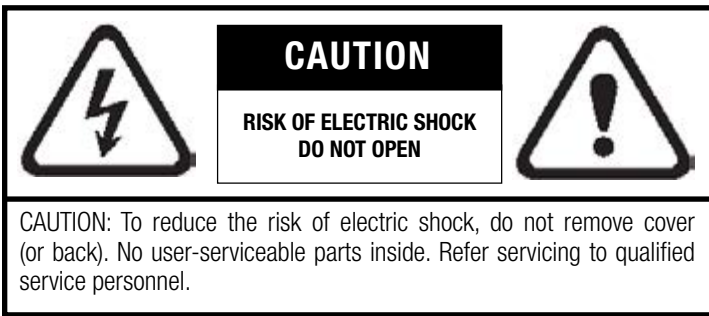
**[BOX CONTENTS FOR AC-SPF15-MP]**  
1 MOUNTING PLATE  
2 FASTENERS FOR SPEAKER TO WALL PLATE  
2 FASTENERS FOR WALL PLATE TO JUNCTION BOX

#### \*\* JUNCTION BOX REQUIREMENTS \*\*

NEW CONSTRUCTION JUNCTION BOX REQUIRED. UNIT WILL **NOT** FIT IN RETROFIT-STYLE JUNCTION BOX. PHASE TECHNOLOGY RECOMMENDS TESTING FIT BEFORE INSTALLING JUNCTION BOX.

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## [SAFETY INSTRUCTIONS]



### Explanation of Graphical Symbols



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert you to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**1. Read Instructions** - All the safety and operating instructions should be read before the appliance is operated.

**2. Retain Instructions** - The safety and operating instructions should be retained for future reference.

**3. Heed Warnings** - All warnings on the appliance and in the operating instructions should be adhered to.

**4. Follow Instructions** - All operating and other instructions should be followed.

**5. Water and Moisture** - The appliance 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, etc.

**6. Carts and Stands** - The appliance should be used only with a cart or stand that is recommended by the manufacturer.

### PORTABLE CART WARNING



**7. Wall or Ceiling Mounting** - The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.

**8. Ventilation** - The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet

that may impede the flow of air through the ventilation openings.

**9. Heat** - The appliance should be situated away from heat sources such as radiators, stoves, or other appliances that produce heat.

**10. Power Source** - The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

**11. Power Cord Protection** - Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed up or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

**12. Cleaning** - The appliance should be cleaned only as recommended by the manufacturer.

**13. Nonuse Periods** - The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

**14. Object and Liquid Entry** - Care should be taken so that neither objects fall nor liquids spill into the inside of the appliance.

**15. Damage Requiring Service** - The application should be serviced by qualified service personnel when:

- the power supply cord or the plug has been damaged,
- objects have fallen onto or liquid has been spilled into the appliance,
- the appliance has been exposed to rain,
- the appliance does not appear to operate normally or exhibits a marked change in performance, or
- the appliance has been dropped or the cabinet damaged.

**16. Servicing** - The user should not attempt to service the appliance beyond those means described in the operating instructions. All other servicing should be referred to qualified service personnel.

**17. Grounding or Polarization** - Precautions should be taken so that the grounding or polarization means of an appliance is not defeated.

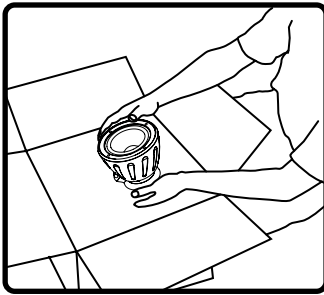
**APPLICABLE FOR USA, CANADA OR WHERE APPROVED FOR USAGE**

**CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE PLUG TO WIDE SLOT, INSERT FULLY.**

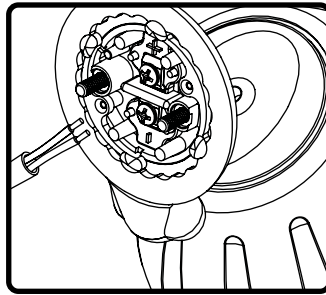
**ATTENTION: POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRESE ET POUSSER JUSQU'AU FOND.**



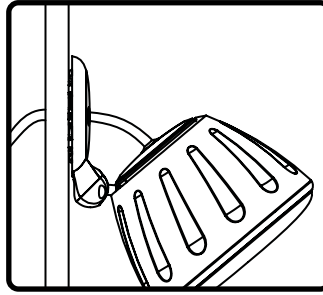
## [INSTALLING YOUR SPF-15]



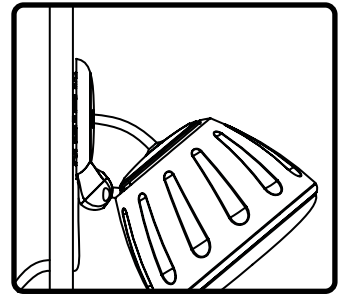
1. Unpack speaker.



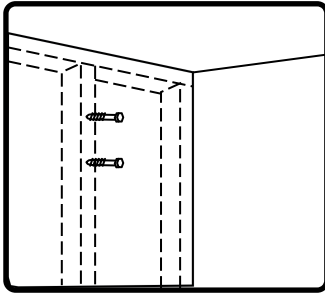
2. Connect speaker wire leads to the terminal screws on the back of the base plate. Polarity is indicated.



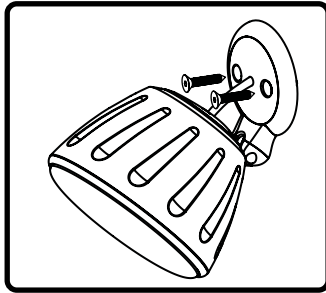
3a. If mounting the speaker directly over the wire, ensure the base plate covers the hole in wall.



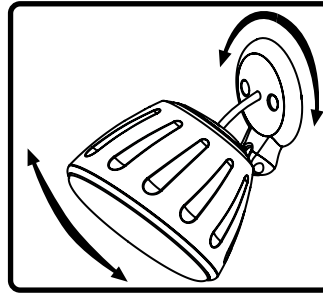
3b. If mounting speaker offset from wiring point, run wire out hole in wall and behind base plate through 2 mm standoff gap between base plate and wall. The standoff gap accepts up to 18 gauge flat signal wire.



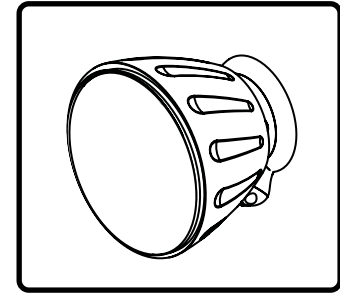
4. Choose a secure mounting surface with sufficient strength to reliably hold the speaker.



5. Attach speaker to surface using installer-supplied fasteners.

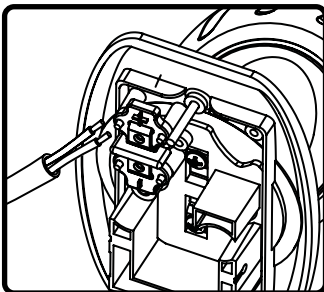


6. Aim speaker by pointing it up or down and/or rotating it.

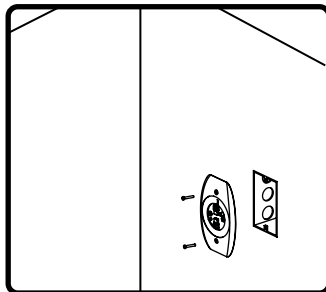


7. DONE!

## [INSTALLING YOUR SPF-15 USING AC-SPF15-MP]

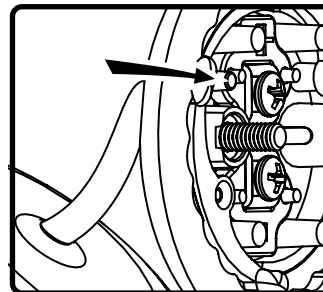


1. Attach signal wire to terminal strip. For daisy chaining, attach additional wires to positive and negative inputs.

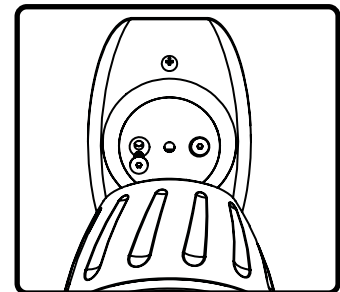


2. Install the AC-SPF15-MP into the installer-supplied junction box using included fasteners.

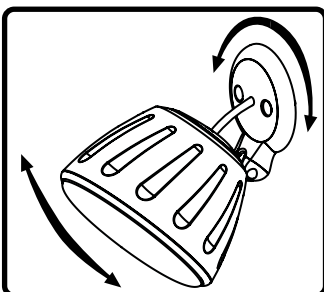
Note: The AC-SPF15-MP will only fit into a single-gang new construction junction box (will not fit in retrofit style junction box).



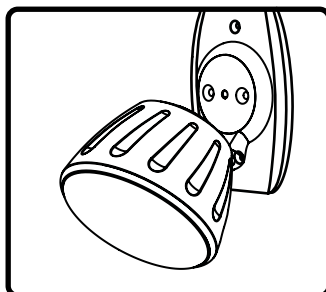
3. The base is keyed to ensure proper polarity. Be sure smaller post on rear of SPF-15 connects to polarity key on wall plate. Both are marked for easy identification.



4. Attach speaker to mounting plate with supplied fasteners. No wiring is necessary because signal wire contact made when speaker is screwed in place.



1. To aim the speaker, rotate it using the ball and base plate to point in any direction.



2. DONE!