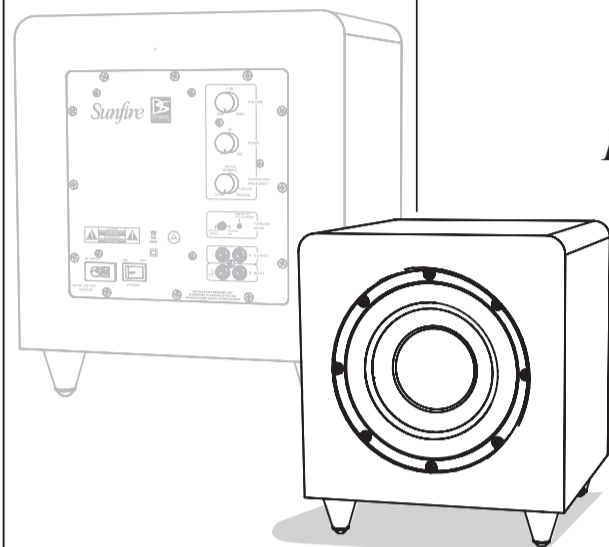


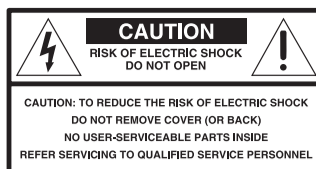
# Sunfire®



*Dynamic Series  
Subwoofer*

*SDS-8, SDS-10, and SDS-12  
SDS-8230, SDS-10230, and SDS-12230*

*Quick Start Guide*



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "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 the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.



## Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart stand tripod bracket or table specified by the manufacturer or sold with the apparatus. When a cart is used use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. This apparatus has been equipped with a rocker-style AC mains power switch. This switch is located on the rear panel and should remain readily accessible to the user.
16. The mains plug or an appliance coupler is used as the disconnect device, so the disconnect device shall remain readily operable.



### WARNING

To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

To find out more about this and other Sunfire products, please visit our website: [www.sunfire.com](http://www.sunfire.com)

## Introduction

Thank you for purchasing a Sunfire Dynamic Series Subwoofer. We hope you enjoy it and the music it makes as much as we have enjoyed creating it for you.

The big features of the subwoofer are its high-efficiency Class D digital amplifier, and its computer-optimized woofer and passive radiator design. And, the Sunfire Dynamic Series' extended frequency response means that your subwoofer is the perfect match to virtually any loudspeaker. The result is extraordinarily high operating efficiency – that is, more acoustic output for each watt of input.

## Unpacking

Your Sunfire subwoofer should reach you in perfect condition. If you do notice any shipping damage, please contact your Sunfire Dealer immediately.

Gently lift out the unit and remove all the packing material. It is important to save all the packing materials and the box in case your subwoofer ever needs to be moved or shipped for repair.

Make sure that you keep your sales receipt. It is the only way to establish the duration of your Limited Warranty and it may come in useful for insurance purposes.

Please take a moment to read the serial number located on the control panel and record it here:

Serial Number: \_\_\_\_\_  
 Purchased from: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Date: \_\_\_\_\_

## Features

- Low distortion
- Premium quality driver and passive radiator
- Extremely compact size
- Automatic signal-sensing turn-on and standby mode
- Line-level inputs
- Line-level high-pass outputs
- Phase control
- Crossover frequency control
- Volume control
- Soft clipping circuit allows graceful overload and prevents speaker damage due to clipping

## Care

To maintain the speaker cabinet's finish, first unplug the power cord and then use a soft cloth to clean the surfaces.

If your Sunfire subwoofer needs servicing, please read the troubleshooting section in the user manual. The user manual can be downloaded from [www.sunfire.com](http://www.sunfire.com)

## Service

If your Sunfire product ever requires service, please write to us or call:

**Sunfire,**  
 1300 E New Circle Road, Suite 150  
 Lexington, KY 40505  
 Phone 859-514-8290  
 Fax: 859-269-7972

## Warranty

Sunfire, a division of Elan Home Systems, LLC, is proud of its products which have been built with care using advanced technology and premium component parts. Your unit has been crafted to perform properly for many years. The warranty details for your product are shown on the sunfire website.

## Specifications

### Amplifier Output

SDS-8/SDS-8230	200W RMS, 400W Peak
SDS-10/SDS-10230	250W RMS, 500W Peak
SDS-12/SDS-12230	300W RMS, 600W Peak

### High Cut Filter

50 Hz - 150 Hz adjustable. The crossover can be bypassed by rotating the crossover frequency control fully clockwise.

### Frequency Response

SDS-8/SDS-8230	32 Hz - 150 Hz
SDS-10/SDS-10230	30 Hz - 150 Hz
SDS-12/SDS-12230	28 Hz - 150 Hz

### Power Line Voltage

115 VAC 50/60 Hz version  
 230 VAC 50/60 Hz version

### Dimensions

(with grill and feet)	
SDS-8/SDS-8230	13.62 x 11.73 x 12.48 in 346 x 298 x 317 mm
SDS-10/SDS-10230	15.12 x 13.23 x 13.97 in 384 x 336 x 355 mm
SDS-12/SDS-12230	16.65 x 14.57 x 15.52 in 423 x 370 x 394

### Weight

SDS-8/SDS-8230	20 lb (12.7 kg)
SDS-10/SDS-10230	27 lb (15.4 kg)
SDS-12/SDS-12230	35 lb (17.2 kg)

### Finish

Black Ash.

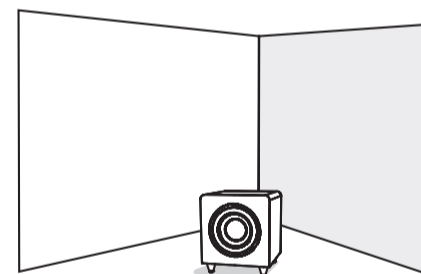
### Output levels:

Peak SPL (including room gain):	
SDS-8/SDS-8230	100 dB
SDS-10/SDS-10230	103 dB
SDS-12/SDS-12230	106 dB

### Drivers:

SDS-8/SDS-8230	8 in (203.2 mm)
SDS-10/SDS-10230	10 in (254 mm)
SDS-12/SDS-12230	12 in (304.8 mm)

## Location



Your SDS Subwoofer is designed to be placed in a corner for optimum performance. Experiment with at least two corners and decide which sounds the best.

Although low frequencies are non-directional, room reflections, standing waves, resonance and absorption strongly affect the performance. Moving the subwoofer from one corner to another can have a major effect on the bass response.

Keep it at least two or three feet away from any CRT screen, computer, VCR or magnetic tapes and discs. This will reduce the chance of the magnetic fields upsetting the CRT screen or erasing your magnetic media.

Also position the control panel so that it is not touching anything and can receive good ventilation.

### Using Two Subwoofers

With two subwoofers, the sound output will double. Place each subwoofer in a corner, and experiment with the location and phase control to achieve the best bass response.