



# AppleDesign Powered Speakers

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AppleDesign Powered Speakers  
AppleDesign Powered Speakers II





Basics

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AppleDesign Powered Speakers





## General Information

This manual covers AppleDesign Powered Speakers, which are repaired through module exchange, and AppleDesign Powered Speakers II, which are repaired through whole-unit exchange.





## Specifications

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AppleDesign Powered Speakers





## Speakers

### **Speaker Type**

Full range, tuned port, bass reflex

### **Maximum Output**

Speakers: 90-dB sound pressure level (SPL) at 0.5 m at 90 Hz  
Speakers II: 90-dB sound pressure level (SPL)  
at 0.5 m at 200 Hz

### **Special Features**

Dual-mixed input  
Noise reduction circuitry designed for computer use  
Headphone jack  
AppleDesign Powered Speakers: Subwoofer jack





**System  
Requirements**

Any Macintosh computer, any personal computer equipped for sound output, any CD player or audio cassette player, or any television supporting sound output





## I/O Interfaces

### **Input**

One stereo computer-sound input port

One stereo CD/audio input port

### **Output**

One stereo headphone output port

AppleDesign Powered Speakers: One subwoofer port





## Cables

Computer interconnect cable

CD stereo cable

Insulated, dual-strand, speaker-to-speaker cable





## Electrical

<b>Line Voltage</b>	100-240 VAC
<b>Frequency</b>	50-60 Hz
<b>Maximum Power</b>	40 W
<b>Maximum Input Voltage</b>	2 V peak to peak
<b>Power Source</b>	15 VDC





## Physical

### **Size/Weight (Speakers)**

Height: 9.25 in. (23.1 cm)

Width: 4.5 in. (11.2 cm)

Depth: 4.75 in. (11.9 cm)

Weight: 4.8 lb. (2.2 kg)

### **Size/Weight (Speakers II)**

Height: 6.8 in. (17.5 cm)

Width: 4.13 in. (10.7 cm)

Depth: 3.94 in. (10.1 cm)

Weight: 1.34 lb. (0.612 kg)





## Troubleshooting

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AppleDesign Powered Speakers





## General

The Symptom Charts included in this chapter will help you diagnose specific symptoms related to your product. Because cures are listed on the charts in the order of most likely solution, try the first cure first. Verify whether or not the product continues to exhibit the symptom. If the symptom persists, try the next cure. (Note: If you have replaced a module, reinstall the original module before you proceed to the next cure.)

If you are not sure what the problem is, or if the Symptom Charts do not resolve the problem, refer to the Flowchart for the product family.

For additional assistance, contact Apple Technical Support.





## Symptom Charts

One speaker doesn't produce sound

- 1 Make sure power cable is securely connected at both ends.
- 2 Make sure speaker-to-speaker cable is securely connected at both ends.

Speakers produce weak or no sound

- 1 Make sure computer is on.
- 2 Make sure all cables are securely connected at both ends.
- 3 Make sure volume controls are turned up on CD-ROM player, on main speaker, and in computer Sound control panel.
- 4 AppleDesign Powered Speakers (only): Make sure speakers are on. Press on/off switch so power light above switch is on.





Speakers produce no  
bass sound

AppleDesign Powered Speakers (only): Make sure speaker-to-speaker cable is correctly attached at both ends. (Black speaker wire plugs into black pull-down terminal, and white-striped speaker wire plugs into red pull-down terminal.)

