

*User's Guide for*  
**iBlaster Music System**

**EXCALIBUR**

ELECTRONICS, INC.



Model No. 184

[www.ExcaliburElectronics.com](http://www.ExcaliburElectronics.com)

**C**ongratulations on your purchase of the iBlaster Music System from Excalibur Electronics, Inc. You and your friends will enjoy hours of great music with this innovative product. It's compatible with all iPod® models, CD players, sound cards, TV/VCD and DVD players.

Your iBlaster Music System is easy to use, but be sure to use it safely. Before starting, please read this manual thoroughly, especially noting safety and care. Keep this manual for reference.

This package includes one control box, one front right speaker, one center speaker, one front left speaker, one rear right speaker, one rear left speaker, subwoofer, one remote control, audio signal cable and its user's guide.



The legendary King Arthur brandished a magic sword, Excalibur, from which we take our company name. With this unique weapon in his hands, he could not be vanquished.

Although Excalibur Electronics can't claim the magical secrets of Merlin, King Arthur's court wizard, sometimes our patented technology may make it seem as if we could.

We make you think.

*iPod® is a registered trademark of Apple Computer, Inc.*

## Table of Contents

Installing Battery . . . . .	page 3
Functions of Parts and Buttons . . . . .	page 4
How to Use . . . . .	page 9
Connecting the iBlaster Music System	page 9
Speaker Placement. . . . .	page 14
Troubleshooting. . . . .	page 14
Specifications . . . . .	page 15
Special Care & Handling. . . . .	page 16
Battery Information. . . . .	page 16
Limited 90-Day Warranty. . . . .	page 19

## Installing Battery

Your remote control requires one lithium CR-2025 3V battery (included). To replace the battery, press the tab on the base of the remote to the right to release the battery compartment, as shown in Figure 1. Pull it out like you would open a drawer. Insert the CR-2025 3V battery, making sure to match the polarity (+ and -) with the diagram inside the battery compartment. Reinsert the battery compartment.



Figure 1

## Layout of iBlaster Music System



4

## Functions of Parts and Buttons

**Control Box:** Controls the entire speaker system.

**LED DISPLAY:** Displays the connected speakers and volume level.

**IR RECEIVER:** Point the remote control at this black circle. This will receive the IR signal from the remote control.

**STANDBY BUTTON:** Press to turn the system **ON** or **OFF**. When it is off or in stand-by mode, a blue light will surround the white button. When the system is **ON**, the blue light is **OFF**.

**5.1CH OUTPUT JACK:** Connects the output 5.1CH signal cable to the subwoofer.

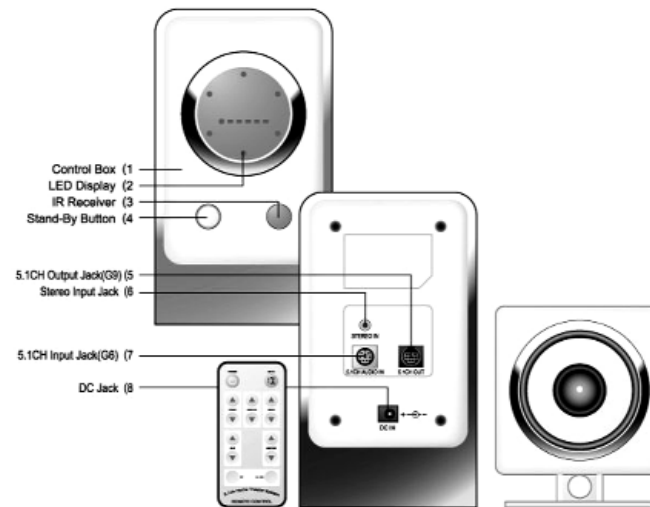


Figure 2: Control Box

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**STEREO INPUT JACK:** Connects to the audio device. Use this input jack to connect your iPod®, DVD player, CD Player, sound card and TV/VCD.

**5.1CH INPUT JACK:** Connects to a 5.1 channel sound card.

**DC IN JACK:** Connects to the subwoofer's DC power input cable.

### Subwoofer

**FRONT RIGHT SPEAKER OUTPUT JACK (FR):** Connects to the front right speaker.

**FRONT LEFT SPEAKER OUTPUT JACK (FL):** Connects to the front left speaker.

**CENTER SPEAKER OUTPUT JACK (CEN):** Connects to the center speaker.

**REAR LEFT SPEAKER OUTPUT JACK (RL):** Connects to the rear left speaker.

**REAR RIGHT SPEAKER OUTPUT JACK (RR):** Connects to the rear right speaker.

**5.1CH INPUT JACK:** Connects the input 5.1CH signal cable to the control box.

**DC OUTPUT CABLE:** Connects to the Control Box's DC IN Jack.

**AC POWER ON/OFF SWITCH:** Switch **ON** to turn the subwoofer on. Switch **OFF** to turn the subwoofer off.

**AC POWER CABLE:** Connects the power adapter cable to the electrical wall outlet.

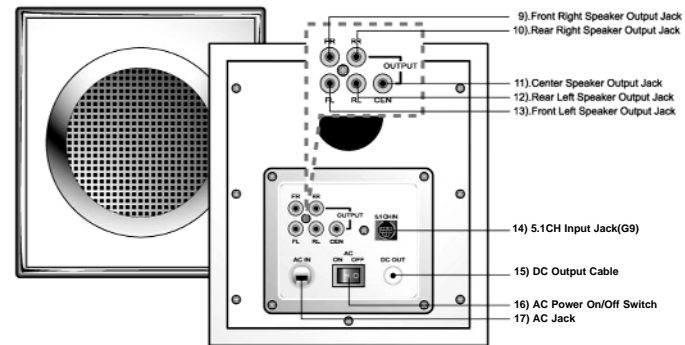


Figure 3: Subwoofer

### Speakers

**SPEAKER CONNECTION CABLES:** Connects to the corresponding speaker output jack. For example, the front right speaker connection cable connects to the **FR** output jack on the subwoofer. The specs on the speaker cable are 1.8m x 3, 4.5m x 2. **FR** and **FL** are green, **RR** and **RL** are black and **SUB/CEN** are orange.

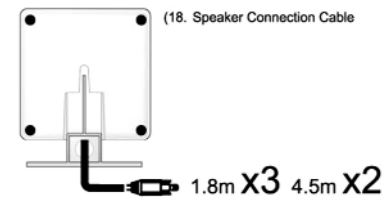


Figure 4: Speaker

### Audio Cable:

Transfers the audio signal from the control box to the subwoofer. The spec on the audio cable is 2m x 1.

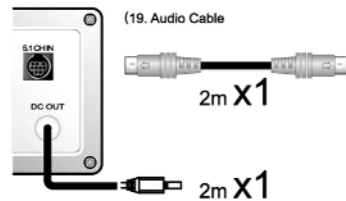


Figure 5: Audio Cable

### 5.1 Audio Cable:

Transfers the audio signal from a 5.1 audio device to the control box and subwoofer.

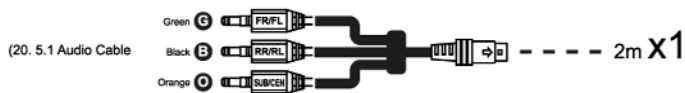


Figure 6: 5.1 Audio Cable

### Remote Control:

Point the remote to the **IR** Receiver on the control box.

**STANDBY:** Press to turn the system **ON** or **OFF**. When it is off or in standby mode, a blue light will surround the white button on the control box. When the system is on, the blue light is off.

**MUTE:** Press to mute the volume. Press again to turn the volume back on.

**REAR:** Press the **UP** button to increase the volume of the rear left and

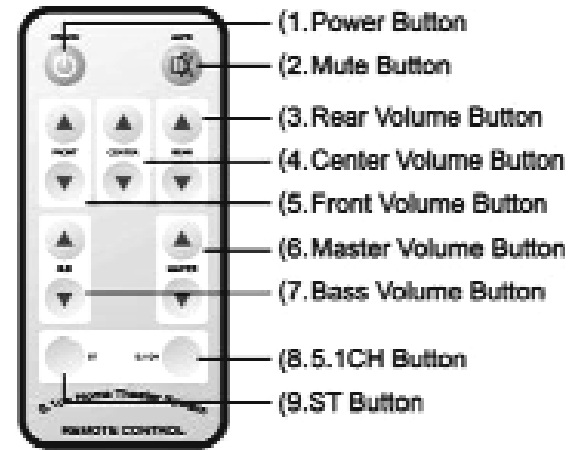


Figure 7: Remote Control

right speakers. Press the **DOWN** button to decrease the volume of the rear left and right speakers.

**CENTER:** Press the **UP** button to increase the volume of the center speaker. Press the **DOWN** button to decrease the volume of the center speaker.

**FRONT:** Press the **UP** button to increase the volume of the front left and right speakers. Press the **DOWN** button to decrease the volume of the front left and right speakers.

**MASTER:** Press the **UP** button to increase the volume of all of the speakers. Press the **DOWN** button to decrease the volume of all of the speakers.

**SUB:** Press the **UP** button to increase the bass from the subwoofer. Press the **DOWN** button to decrease the bass from the subwoofer.

**5.1CH:** Press to select the 5.1CH audio signal, when connected.

**ST:** Press to select the stereo audio signal, when connected.

## How to Use

### Connecting the iBlaster Music System

First, carefully remove your iBlaster Music System from the packaging and place everything on a level surface.

Slide the speaker platforms into the slots on the backside of the speakers.

Plug the speaker connection cables to the corresponding speaker output jack on the back

of the subwoofer. The front right speaker connection cable connects to the **FR** output jack on the subwoofer. **FR** and **FL** are green, **RR** and **RL** are black and **SUB/CEN** are orange. The 1.8m speaker connection cables are for the **FR**, **FL** and **CEN** speakers. The 4.5m speaker connection cables are for the **RR** and **RL** speakers.

Plug the 3.5mm stereo cable and/or 5.1CH audio cable into

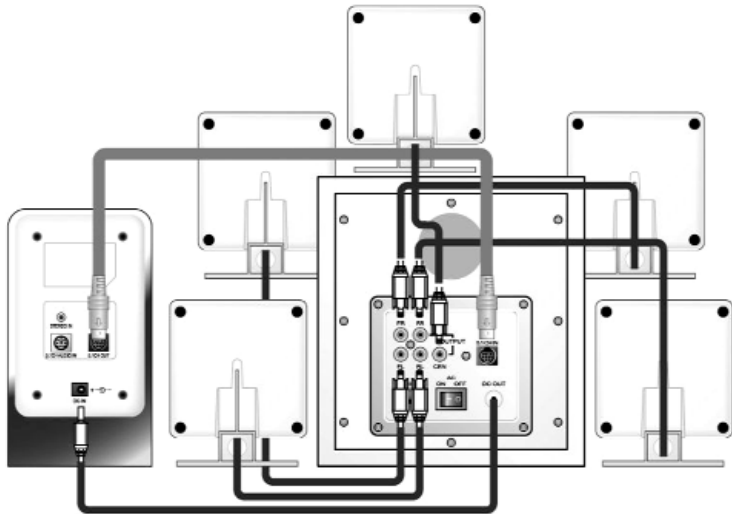
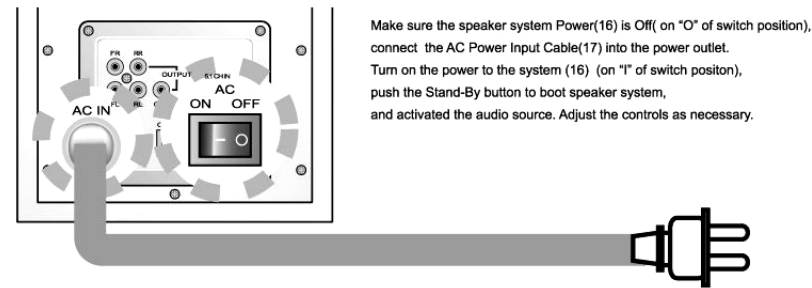


Figure 8: Connecting the iBlaster Music System



Make sure the speaker system Power(16) is Off( on "O" of switch position), connect the AC Power Input Cable(17) into the power outlet. Turn on the power to the system (16) (on "I" of switch position), push the Stand-By button to boot speaker system, and activated the audio source. Adjust the controls as necessary.

Figure 9: Connecting the iBlaster Music System

the control box and plug the end of the audio cable into the audio device. Please see Figures 10 through 14 about connecting different audio devices.

After you've connected the speakers and audio device, make sure the Power button on the back of the subwoofer is turned off. Plug the Power Adapter cable from the subwoofer to an electrical wall outlet. Afterwards, turn the Power button to the on position.

Push the Standby button on the control box to boot the speaker system. The control box

display lights should turn on.

The six lights around the face of the control box display represent each of the speakers. You can adjust the volume by pressing the corresponding buttons on the remote. You can adjust the volume for the front speakers, the center speaker, the rear speakers, the bass (subwoofer) or all speakers (master).

The row of lights on the center of the face of the control box display represents the volume level. There are five degrees of volume. Please see Figure 15 about the control box display.

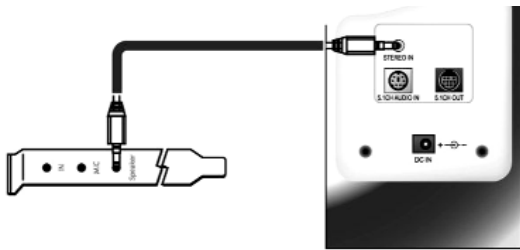


Figure 10: Sound Card

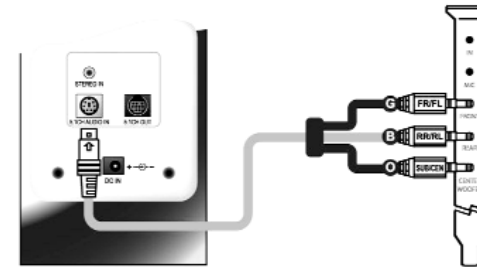


Figure 13: 5.1 Channel Sound Card

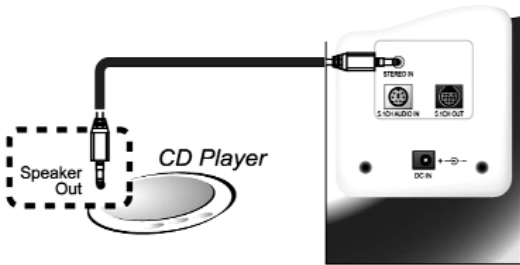


Figure 11: CD Player

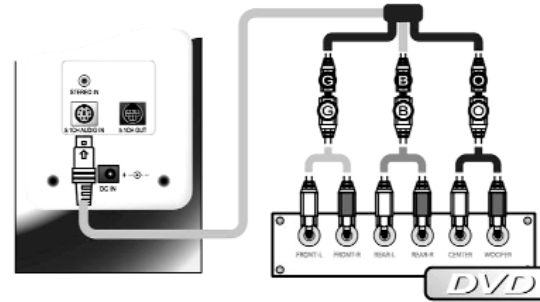


Figure 14: DVD Player

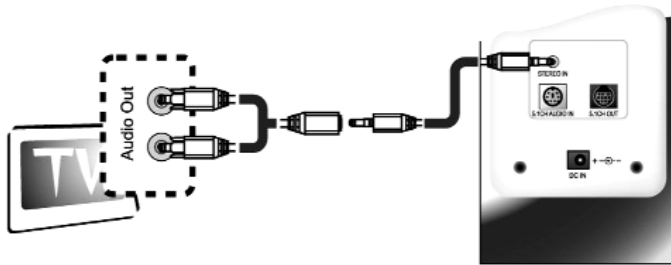


Figure 12: TV/VCD

**BEFORE CONNECTING OR DISCONNECTING ANY CABLE, MAKE SURE THAT THE SPEAKER'S POWER BUTTON IS TURNED OFF.**

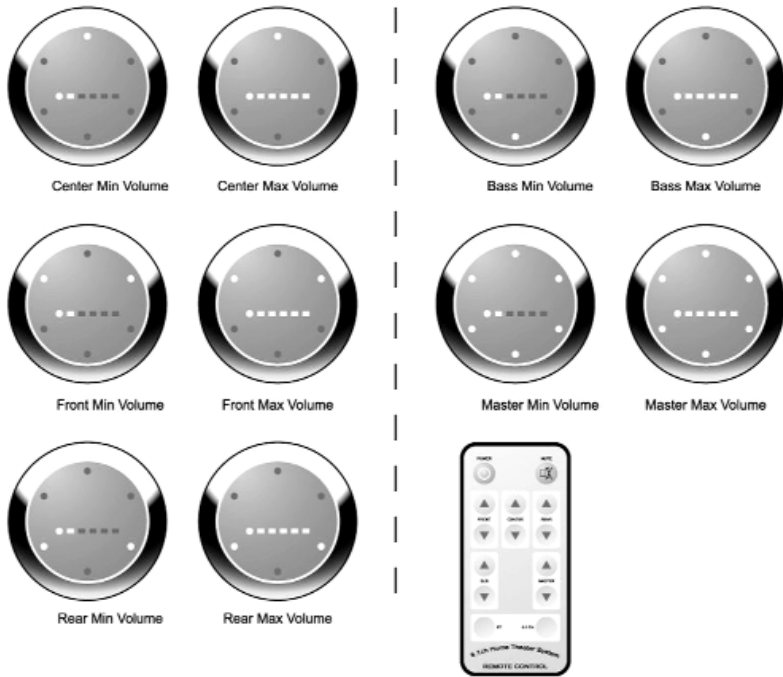


Figure 15: Display from the Control Box

**TO PREVENT THE RISK OF ELECTRIC SHOCK,  
DO NOT REMOVE THE SPEAKER'S COVER.**

### Speaker Placement

To get the maximum benefit of your surround-sound iBlaster Music System, place the subwoofer on the ground horizontally. Keep a distance of approximately one foot between the rear panel and walls. Set the left, center and right speakers in the

front left, center and right. You can either place the rear satellite speakers behind the front left and right speakers, as shown in Figure 16. Or, you can place the rear speakers in the top right and left. If possible, you can place these on a shelf or on a wall mount, as shown in Figure 17.



Figure 16

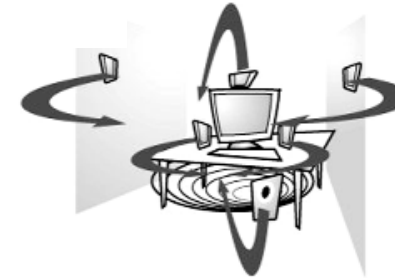


Figure 17

### Troubleshooting

If you set up your speakers near a television and it distorts the colors on your television screen, try one of the following:

- Turn your iBlaster Music System off and unplug your television. Wait 15 to 30 minutes, then plug everything back in.
- Move the speakers farther away from the television until the distortion disappears.
- Check and see if there's anything else that can be causing the distortion. If so, move that object away.



## *Specifications*

### **DRIVER UNIT:**

Subwoofer: 5.25"

Satellite (Front/Rear): 3"

Satellite (Center): 3"

### **INPUT IMPEDANCE:**

Subwoofer: 4 ohm

Satellite (Front/Rear): 4 ohm x 4

Satellite (Center): 4 ohm x 1

### **FREQUENCY RESPONSE:**

Subwoofer: 60Hz~10KHz

Satellite (Front Rear): 120Hz~17KHz

Satellite (Center): 120Hz~17KHz

### **DIMENSIONS:**

Subwoofer: 185 x 210 x 277 mm (WxHxD)

Satellite (Front/Rear): 96 x 124 x 98 mm (WxHxD)

Satellite (Center): 96 x 124 x 98 mm (WxHxD)

Control Box: 90 x 177.5 x 33 mm (WxHxD)

## **Special Care & Handling**

- Avoid rough handling such as bumping or dropping.
- Avoid moisture and extreme temperatures. For best results, use between the temperatures of 39° F and 100° F (4° C and 38° C).
- Clean using only a slightly damp cloth. Do not use cleaners with chemical agents.
- Do not set up speakers near windows or any other area exposed to direct sunlight or prone to water seepage.
- The power cord should be unplugged when not in use.

## **Battery Information**

- Use an alkaline battery for best performance.
- Use one lithium CR-2025 3V battery (included).
- Do not use a rechargeable battery.
- Remove an exhausted battery from the unit.
- Do not short circuit the battery terminals.
- To avoid explosion or leakage, do not dispose of the battery in a fire or attempt to recharge standard or alkaline batteries.
- Be sure to insert the battery with the correct polarities and always follow the toy and battery manufacturers' instructions.
- Remove the battery and store it in a cool, dry place when not in use.
- Always remove an old and dead battery from the product.

*This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*

*NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:*

- *Reorient or relocate the receiving antenna.*
- *Increase the separation between the equipment and receiver.*
- *Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.*
- *Consult the dealer or an experienced radio/TV technician for help.*

*Excalibur Electronics reserves the right to make technical changes without notice in the interest of progress.*

## LIMITED 90-DAY WARRANTY

EXCALIBUR ELECTRONICS, INC., warrants to the original consumer that its products are free from any electrical or mechanical defects for a period of 90 DAYS from the date of purchase. If any such defect is discovered within the warranty period, EXCALIBUR ELECTRONICS, INC., will repair or replace the unit free of charge upon receipt of the unit, shipped postage prepaid and insured to the factory address shown at right.

The warranty covers normal consumer use and does not cover damage that occurs in shipment or failure that results from alterations, accident, misuse, abuse, neglect, wear and tear, inadequate maintenance, commercial use, or unreasonable use of the unit. Removal of the top panel voids all warranties. This warranty does not cover cost of repairs made or attempted outside of the factory.

Any applicable implied warranties, including warranties of merchantability and fitness, are hereby limited to 90 DAYS from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. Some states do not allow limitations on the duration of implied warranties and do not allow exclu-

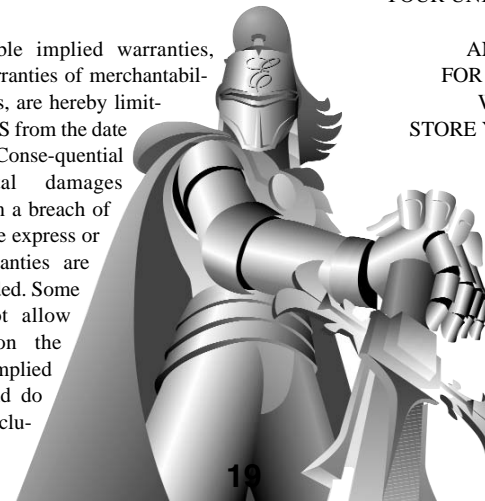
sion of incidental or consequential damages, so the above limitations and exclusions in these instances may not apply. The only authorized service center in the United States is:

**Excalibur Electronics, Inc.**  
**13755 SW 119th Ave**  
**Miami, Florida 33186 U.S.A.**  
**Phone: 305.477.8080**  
**Fax: 305.477.9516**

**[www.ExcaliburElectronics.com](http://www.ExcaliburElectronics.com)**

Ship the unit carefully packed, preferably in the original carton, and send it prepaid, and adequately insured. Include a letter, detailing the complaint and including your daytime telephone number, inside the shipping carton. If your warranty has expired and you want an estimated fee for service, write to the above address, specifying the model and the problem.

PLEASE DO NOT SEND  
YOUR UNIT WITHOUT  
RECEIVING  
AN ESTIMATE  
FOR SERVICING.  
WE CANNOT  
STORE YOUR UNIT!



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