

music hall

# **marimba**

loudspeakers

designed and developed in the usa

<http://www.musicchallaudio.com>

## **Congratulations on Your Purchase**

You have selected a state of the art loudspeaker. Each component chosen for assembly and construction of the music hall marimba was selected to provide you with superior performance and the highest level of sound reproduction available today. Please take a few moments to read over the instruction manual to ensure that you get the best performance from your loudspeakers and years of trouble-free service.

## **SAFETY GUIDELINES**

This product is designed and manufactured to strict quality and safety standards. However, you should be aware of the following installation and operation precautions:

### **1. Take heed of warnings and instructions**

Read all the instructions before connecting or operating the loudspeakers. Keep this manual so you can refer to these safety instructions. Heed all warnings and safety information in these instructions and on the loudspeakers.

### **2. Water and Moisture**

To reduce the risk of fire, electric shock, or damage, do not expose the loudspeakers to moisture or water. If the speakers are exposed to moisture, immediately switch off your amplifier and disconnect them. Take the speakers to an authorized music hall service center for inspection. Do not touch the speakers or connecting wire with wet hands.

### **3. Heat**

Keep the loudspeakers away from naked flames, radiators, heat registers, stoves, or any other heat-producing appliances.

### **4. Climate**

The speakers have been designed for use in moderate climates. Do not attempt to use below 41 degrees Fahrenheit (5 degrees Celsius) or above 110 degrees Fahrenheit (43 degrees Celsius).

### **5. Rack and Stands**

Place the loudspeakers on a fixed, level surface strong enough to support their weight. Do not place them on a moveable cart that could tip over. We recommend only using stands approved for use with loudspeakers.

### **6. Cleaning**

The loudspeakers should normally require only a wipe with a soft lint-free cloth.

## 7. Damage Requiring Service

Stop using the unit immediately and have it inspected by an authorized music hall service center whenever:

1. Liquid has been spilled into the speakers.
2. The speakers have been exposed to rain.
3. The speakers do not operate properly.
4. The speakers have been dropped or damaged.
5. Smoke or any unusual smell is detected from the speakers.

### Introduction

Thank you for purchasing music hall marimba loudspeakers. Please read this manual carefully. In addition to installation and operating instructions, it provides valuable information that will help you get optimum performance from your system. Please contact your authorized music hall dealer for answers to your questions. In addition, all of us at music hall welcome your questions and comments. **Save the shipping carton and all enclosed packing material for future use.** Shipping or moving the speakers in anything other than the original packing material may result in severe damage that is not covered by the warranty. Be sure to keep the original sales receipt. It is your best record of the date of purchase, which you will need in the event warranty service is required.

### Connections

All connections should be made with the amplifier switched off.

There is one pair of terminals on the back of each speaker. Ensure the positive terminal on the speaker (marked + and colored red) is connected to the positive output terminal of the amplifier and the negative (marked – and colored black) to negative. Incorrect connection can result in poor performance and loss of bass.

### Placement

Use common sense when placing the loudspeakers. Always place them on a firm, level surface. Mount the speakers on firm dedicated stands that place the tweeters approximately at ear level. When placing the speakers make sure that the shelf or stand can support their weight.

Position the speakers and the center of the listening area approximately at the corners of an equilateral triangle. Keep the speakers at least 6 feet (1.5m) apart to maintain left-right separation.

Ensure the speaker stands are firm on the floor. If you have carpet, use carpet piercing spikes and adjust them to take up any unevenness in the floor.

## **Running in**

Your new speakers require a little gentle use to allow their working components to settle into their proper working condition. Do not be concerned if your new speakers sound aggressive or lacking in bass. The sound will quickly improve after 48 hours of use.

## **Fine-tuning**

Before fine-tuning make sure that all the connections in the installation are correct and secure and that the speaker has been fully run in.

Removing the protective speaker grills will provide a clearer more focused sound. Moving the speakers from the wall will reduce the general level of bass. Space behind the speakers also helps to create an impression of depth. Conversely, moving the speakers closer to the walls will increase the level of bass.

If the bass is uneven with frequency it is usually due to the excitation of resonance modes in the room. Even small changes in the position of the speakers or the listeners can have a profound effect on how these resonances affect the sound. Try mounting the speakers the speakers along a different wall. Even large pieces of furniture can have an effect.

If the central image is poor, try moving the speakers closer together or toeing them in so they point just in front of the listeners.

If the sound is too harsh, increase the amount of soft furnishings in the room. Heavier curtains may help. Or reduce the amount of soft furnishings if the sound is too dull.

## **Technical Specifications**

Power handling: 75 watts

Frequency Range: 50hz – 35kHz

Impedance: 6Ohm nominal

Sensitivity: 87dB (1w/1m)

Crossover Frequency: 2.6kHz

Recommended Amplifier Rating: 20 – 75 watts

## **Physical**

Dimensions: W x D x H (6.6 x 8.7 x 11.0 in.) (167 x 221 x 279mm)

Tweeter Type: 1in. (25mm) silk dome with Neodymium magnet

Woofer Type: 5.25in. (133mm) polypropylene cone, steel chassis, shielded

Cabinet: 5/8in. (15mm) MDF w/CARB 11 certificate

Weight: 17.2lbs/pr. (7.8kg)

Gross Weight: 19.8lbs/pr (9kg)

Supplied Accessories: owner's manual

### **Guarantee**

This entitles you to have music hall marimba loudspeakers repaired or replaced, at our discretion, free of charge for two years after purchase, at any authorized music hall dealer, provided the unit was purchased from an authorized dealer. Your original sales receipt is used as proof of purchase date. Music hall can take no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorized repair and or adjustment. Neither can music hall accept responsibility for damage or loss occurring during transit to or from the person claiming under the guarantee.

### **Warranty**

Your music hall marimba warranty covers parts and labor costs for two years from the purchase date. After two years, you must pay for both parts and labor costs. The warranty does not cover transportation costs at any time.

### **Claims under guarantee**

The speakers should be packed in the original packing and returned to the dealer from whom it was purchased, or to an authorized music hall service center. It should be sent by a reputable carrier, carriage prepaid. Do not send the unit via USPS (United States Postal Service). No responsibility can be accepted for the unit while in transit to the dealer, customer, or authorized service agent, therefore, customers are advised to insure the unit against loss, damage, or theft while in transit.

### **For further details contact Music Hall LLC:**

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