



# Installation Manual DC12/2, ICC12/3 & ICC24/3

## Digitally Steerable Line Array Loudspeaker Systems




## 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. The apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on it.
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 is 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. Make sure the power cord remains readily accessible at all times.
12. The AC Power Cord is the AC Mains disconnect.
13. Only use attachments/accessories specified by the manufacturer.
14. Disconnect this apparatus during lightning storms or when unused for long periods of time.
15. 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.


**“WARNING - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE”**

**“CAUTION: THESE SERVICING INSTRUCTIONS ARE FOR USE BY QUALIFIED SERVICE PERSONNEL ONLY. TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT PERFORM ANY SERVICING OTHER THAN THAT CONTAINED IN THE OPERATING INSTRUCTIONS UNLESS YOU ARE QUALIFIED TO DO SO”.**

Explanation of Graphical Symbols




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 humans.




The exclamation point, within an equilateral triangle, indicates the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Erklärung der graphischen Symbole



Der Blitz mit nach untenzielendem Pfeil in einem gleichseitigen Dreieck weist den Benutzer auf das Vorhandensein einer unisolierten, "gefährlichen Spannung" im Gehäuse hin, die stark genug sein kann, einer Person einen gefährlichen elektrischen Schlag zu versetzen.



Das Ausrufezeichen in einem gleichseitigen Dreieck weist den Benutzer auf wichtige Betriebs- und Wartungsvorschriften in den beiliegenden Unterlagen des Gerätes hin.

**CAUTION**

**RISK OF ELECTRONIC SHOCK:  
OPEN ONLY IF QUALIFIED AS  
SERVICE PERSONNEL**

To reiterate the above warnings: servicing instructions are for use by qualified personnel only. To avoid electric shock, do not perform any servicing other than that contained in the Operation Instructions unless you are qualified to do so. Refer all servicing to qualified personnel.

**VORSICHT**

**GEFAHR EINES ELEKTRISCHEN SCHLAGES:  
NUR VON QUALIFIZIEREM WARTUNGSPERSONAL  
ZU ÖFFNEN**

Eindringliche Warnung: Wartungsvorschriften dienen nur der Benutzung durch qualifiziertes Personal. Zur Vermeidung eines elektrischen Schlags keine anderen als die in den Betriebsvorschriften beschriebenen Wartungsarbeiten ausführen, es sei denn Sie sind dafür qualifiziert. Wartungsarbeiten auszuführen.

## IMPORTANT

**Your Iconyx Steerable Column Loudspeaker contains no user-serviceable parts,  
all service should be referred to qualified service personnel.**

## Introduction

Congratulations on your purchase of a Renkus-Heinz DC Series or ICC Digitally Steerable Loudspeaker. Your Renkus-Heinz loudspeaker has been designed to provide years of trouble-free, high performance operation. We hope you enjoy it.

Your Renkus-Heinz loudspeaker was completely tested and inspected before leaving our factory and should have arrived in perfect condition. Please carefully inspect your loudspeaker and its shipping carton for any noticeable damage, and if any damage is found, immediately notify the shipping company.

Important:

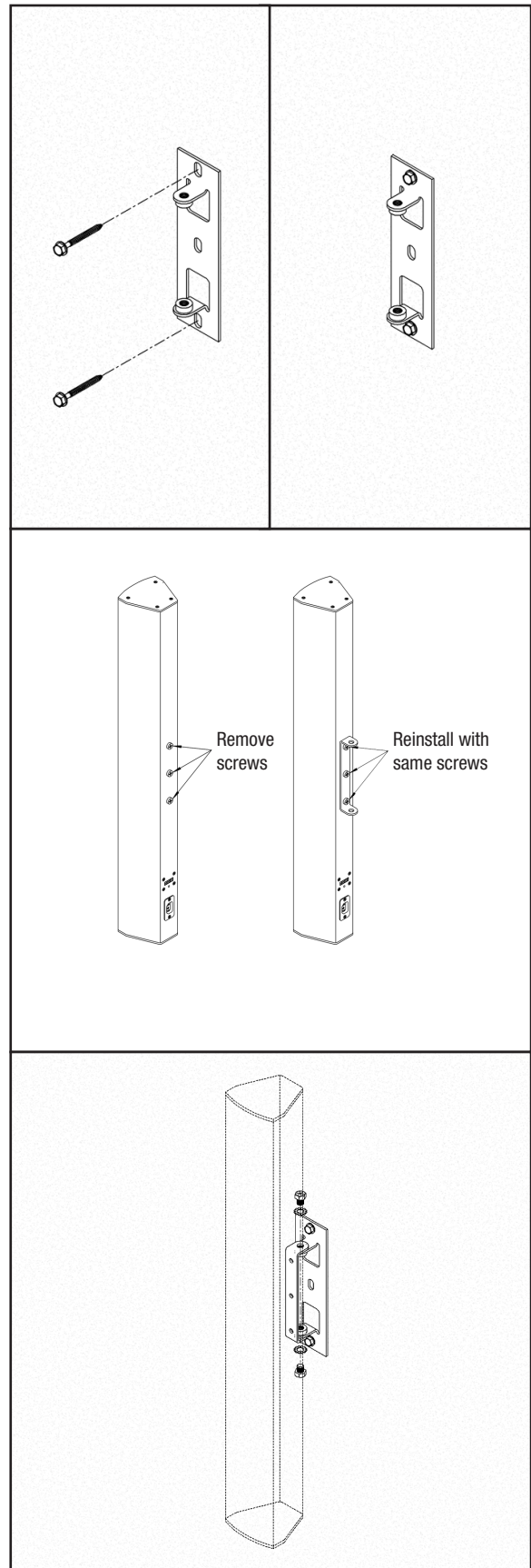
*Your Renkus-Heinz loudspeaker and its built-in amplifier contain no user-serviceable parts and all service should be referred to qualified service personnel. We recommend that it be returned to the factory in its original packing carton if factory service is required.*

## General Information

This manual provides guidance on installing your DC or ICC loudspeaker. Renkus-Heinz loudspeakers are intended for professional installation by qualified and experienced personell. For details on using or programing your loudspeaker see the relevant user's guide.

## Wall Mounting

- As the installer you must insure that the wall or other mounting surface is capable of safely supporting the weight of the array plus a safety margin. Use mounting hardware and methods sufficient to support:
  - DC12/2: 60 lbs./27. kgs.
  - ICC12/3: 90 lbs./40.8 kgs.
  - ICC24/3: 180 lbs./81.6 kgs.
- Dissassemble the bracket into the wall and loudspeaker halves by removing the 12 mm bolts and star washers.
- Determine the desired mounting location on the wall. The bracket is centered on the loudspeaker, the center hole of the wall bracket is a good reference point.
- Mount the wall half of the bracket to the wall using fasteners appropriate to the structure; for example, ¼ inch or 6 mm lag bolts into wooden studs or similarly sized concrete anchors for masonry walls.
- DC12/2 and ICC12/3 arrays are too heavy to be supported by gypsum wallboard alone, you must anchor the brackets to structure able to support the weights listed above.
- Remove the three, 6 mm Phillips-head screws from the back of the loudspeaker using a #3 Phillips screwdriver. Be sure to use a #3 Phillips, using a #2 may damage the screws.
- Mount the loudspeaker half of the bracket to the loudspeaker cabinet using the three 6 mm Phillips screws. Use thread locking compound to prevent the screws from loosening.
- Slide the loudspeaker and it's bracket half over the wall bracket and secure with the 12 mm bolts and star washers.
- Select the horizontal aiming and tighten the bolts securely to lock the aiming angle in place.
- Connect the audio and power cables and your loudspeaker is ready to program and enjoy.





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