

# **CHSIFBR1B**

## **IFBR1B Receiver Battery Charging Station**



**For use with Lectrosonics LB-50 battery  
or IFBR1B only**

Fill in for your records:

Serial Number:

Purchase Date:

# Important Safety Instructions



This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure -- voltage that may be sufficient to constitute a risk of shock



This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.

When using your equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- 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 a 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 third grounding prong. The wider 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) **WARNING -- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.**
- 16) Unit shall be connected to a MAINS socket outlet with a protective earthing connection.
- 17) Do not use this product near water for example, near a bathtub, washbowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
- 18) Use the front panel ON/OFF switch to disconnect the device from the AC MAINS. This switch should remain accessible to the user at all times.
- 19) Use only the power cord indicated in this manual.

**SAVE THESE INSTRUCTIONS**

## Warnings and Cautions - Please Observe

This battery charger is intended to be used only with the Lectrosanics LB-50 rechargeable battery. Installing a battery a rechargeable battery other than the Lectrosanics LB-50 model could cause a serious fault.

**CAUTION:** The LB-50 battery may present a fire or chemical burn hazard if mistreated. Do not disassemble, heat above 140°F, crush, puncture, short external contacts or incinerate. Do not tear or peel off the outer label.

### WARNINGS AND CAUTIONS (PLEASE OBSERVE)

- Please read the operating instructions in this Instruction Manual, especially the warnings and cautions, as well as the operating instructions in the transmitter Instruction Manual in order to operate this charger correctly.
- After reading, be sure to keep this manual in a safe and accessible place for future reference.
- In order to ensure that this product is used safely and correctly, and to prevent danger to yourself and other persons or damage to property, various icons are used in this Instruction Manual and on the product. Please read the explanations and get a good understanding of the meaning of each one before you read the main text of this manual.



### WARNING

This icon indicates a situation which could result in death or severe injury to persons who disregard these instructions and handle the product incorrectly.



### CAUTION

This icon indicates a situation which could result in injury to persons or physical damage to objects, if these instructions are disregarded and the product is handled incorrectly.



Danger of  
Electric Shock

The contents of this icon constitute a warning (including cautions). The actual content of the caution is drawn inside the icon.



Disassembly  
Prohibited

The contents of this icon constitute a prohibited action. The actual content of the prohibition is drawn inside, or next to the icon.



Pull the plug out  
of the electrical  
outlet.

The contents of this icon constitute a prohibited action. The actual content of the prohibition is drawn inside, or next to the icon.



### WARNING



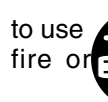
This battery charger is only for use with the Lectrosanics LB-50 rechargeable battery. Do not attempt to use this charger to charge other rechargeable battery packs as this could result in fluid leakage, overheating or damage to the battery or charger.



If the power supply or charger emits smoke, smell or makes noise, it may cause fire or electric shock. If this happens, turn off the power switch immediately and pull the power plug out of the outlet and contact your dealer or the factory. Do not try to repair either unit yourself, as the repair work can be dangerous.



If the battery charger has been dropped and the housing is damaged in any way, unplug the charger from the power source and contact your dealer. Do not continue to use the charger as this could result in a fire or electric shock.



If the unit has been exposed to water such as rain or spray, turn off the power switch, disconnect the charger from the power source and contact your dealer or the factory. Operation under such conditions may cause fire or electrical shock.





Do not allow water or other liquids to enter the battery trays or other openings in this charger, as this could cause fire or electrical shock. Take extra precautions if you are using the unit in a rainy or snowy location, or other wet area.



Do not modify or disassemble this charger, as there is a risk of fire or electrical shock.



Do not use this charger with a power source other than the specified 100-240VAC (3A minimum capacity). Using a supply outside of the specified range may cause fire or electrical shock.



Do not store the rechargeable battery in a case, drawer, cabinet, etc. where small metal objects such as coins, paper clips or tools could contact the poles on the battery. This could cause the battery to split or leak, resulting in fire or personal injury.



Do not expose the rechargeable battery to heat or attempt to disassemble it. Do not place the battery in water or fire. Any of these can cause fire or personal injury.



### CAUTION



Keep this charger out of the reach of children.



Do not leave this charger in a damp or dusty environment. Doing so could cause fire or electrical shock.

## Specifications

Dimensions: 4.82 in. wide (122.30 mm) (including connectors)  
1.20 in. high (30.43 mm)  
9.00 in. long (228.60 mm)

Weight: 1.04 lbs. (471.74 grams)

Battery charging time: 3 hours

Power requirements: 100-240 VAC, 50-60Hz, 2A max

## Accessories

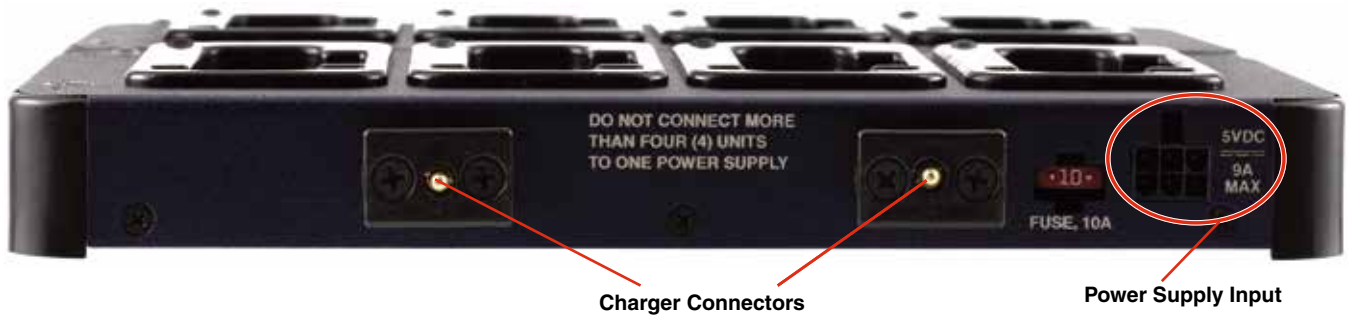
The Lectrosonics DCR5/9AU power supply is required for use with the charger, and can power up to 4 modules.



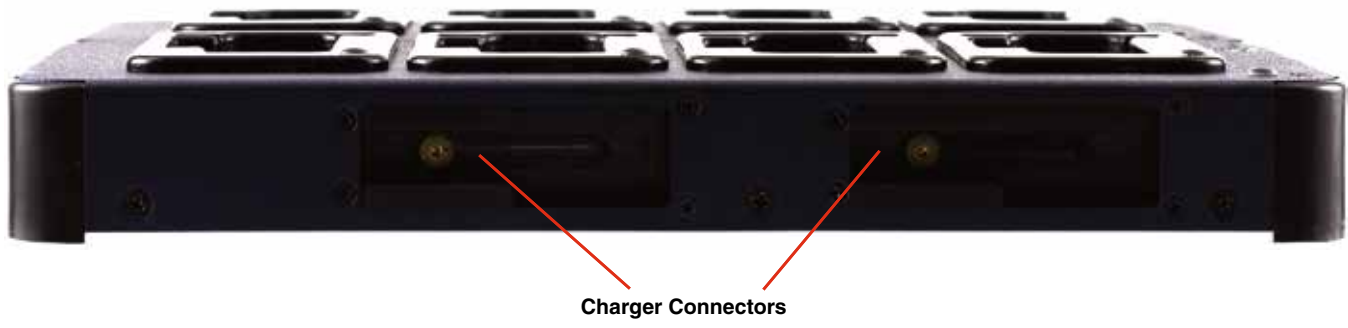
The Lectrosonics LB-50 is the only battery that should be used with the CHSIFBR1B charger or in the IFBR1B Receiver.



# Power Supply Side Panel



# Charger Connectors

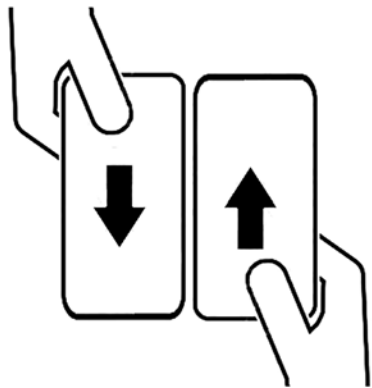


# Operating Instructions

- 1) If connecting more than one module together, remove plastic covers from connectors, and connect the CHSIFBR1B modules together. (You may have up to 4 connected on one power supply.) Line up the connectors as shown.



Connect the modules together and slide the connectors in the following motion until the chargers are level.



- 2) Connect the power supply.
- 3) Observe the connector markers on the battery. Place up to four batteries per charger in the charging slot.



OR up to four IFBR1Bs (or a combination of each). You will know that your connection is correct on either a battery or IFBR1B when the LED illuminates.



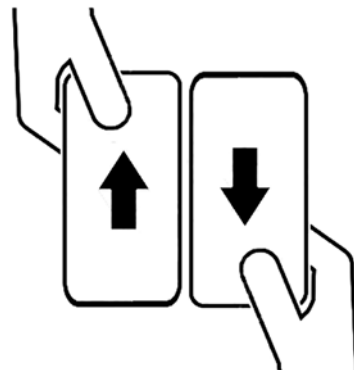
When a battery or IFBR1B is being charged the LED next to it will glow RED. When the battery is fully charged, the LED will glow GREEN.

If a fault occurs, the power to the slot will be disabled and the LED will turn off.

STATE	LED COLOR
Charging	● RED
Fully charged	● GREEN
Timer fault*	○ OFF
No battery/IFBR1B present	○ OFF

\*A timer keeps track of the charging activity and turns the LED off if the battery cannot be charged after a period of several hours.

- 4) To disconnect the modules, remove all batteries/IFBR1Bs, disconnect power and then slide the modules in the opposite direction.



## Service and Repair

If your system malfunctions, you should attempt to correct or isolate the trouble before concluding that the equipment needs repair. Make sure you have followed the setup procedure and operating instructions. Check the interconnecting cables.

We strongly recommend that you **do not** try to repair the equipment yourself and **do not** have the local repair shop attempt anything other than the simplest repair. If the repair is more complicated than a broken wire or loose connection, send the unit to the factory for repair and service. Don't attempt to adjust any controls inside the units. Once set at the factory, the various controls and trimmers do not drift with age or vibration and never require readjustment. **There are no adjustments inside that will make a malfunctioning unit start working.**

LECTROSONICS' Service Department is equipped and staffed to quickly repair your equipment. In warranty repairs are made at no charge in accordance with the terms of the warranty. Out-of-warranty repairs are charged at a modest flat rate plus parts and shipping. Since it takes almost as much time and effort to determine what is wrong as it does to make the repair, there is a charge for an exact quotation. We will be happy to quote approximate charges by phone for out-of-warranty repairs.

## Returning Units for Repair

For timely service, please follow the steps below:

- A.** DO NOT return equipment to the factory for repair without first contacting us by e-mail or by phone. We need to know the nature of the problem, the model number and the serial number of the equipment. We also need a phone number where you can be reached 8 A.M. to 4 P.M. (U.S. Mountain Standard Time).
- B.** After receiving your request, we will issue you a return authorization number (R.A.). This number will help speed your repair through our receiving and repair departments. The return authorization number must be clearly shown on the **outside** of the shipping container.
- C.** Pack the equipment carefully and ship to us, shipping costs prepaid. If necessary, we can provide you with the proper packing materials. UPS or FEDEX is usually the best way to ship the units. Heavy units should be "double-boxed" for safe transport.
- D.** We also strongly recommend that you insure the equipment, since we cannot be responsible for loss of or damage to equipment that you ship. Of course, we insure the equipment when we ship it back to you.

### Lectrosonics USA:

**Mailing address:**

Lectrosonics, Inc.  
PO Box 15900  
Rio Rancho, NM 87174  
USA

**Web:**

www.lectrosonics.com

**Shipping address:**

Lectrosonics, Inc.  
561 Laser Rd., Suite 102  
Rio Rancho, NM 87124  
USA

**E-mail:**

service.repair@lectrosonics.com  
sales@lectrosonics.com

**Telephone:**

+1 (505) 892-4501  
(800) 821-1121 Toll-free US and Canada  
Fax +1 (505) 892-6243

### Lectrosonics Canada:

**Mailing Address:**

720 Spadina Avenue,  
Suite 600  
Toronto, Ontario M5S 2T9

**Telephone:**

+1 (416) 596-2202  
(877) 753-2876 Toll-free Canada  
(877) 7LECTRO  
Fax (416) 596-6648

**E-mail:**

Sales: colinb@lectrosonics.com  
Service: joeb@lectrosonics.com

## LIMITED ONE YEAR WARRANTY

The equipment is warranted for one year from date of purchase against defects in materials or workmanship provided it was purchased from an authorized dealer. This warranty does not cover equipment which has been abused or damaged by careless handling or shipping. This warranty does not apply to used or demonstrator equipment.

Should any defect develop, Lectrosonics, Inc. will, at our option, repair or replace any defective parts without charge for either parts or labor. If Lectrosonics, Inc. cannot correct the defect in your equipment, it will be replaced at no charge with a similar new item. Lectrosonics, Inc. will pay for the cost of returning your equipment to you.

This warranty applies only to items returned to Lectrosonics, Inc. or an authorized dealer, shipping costs prepaid, within one year from the date of purchase.

This Limited Warranty is governed by the laws of the State of New Mexico. It states the entire liability of Lectrosonics Inc. and the entire remedy of the purchaser for any breach of warranty as outlined above. **NEITHER LECTROSONICS, INC. NOR ANYONE INVOLVED IN THE PRODUCTION OR DELIVERY OF THE EQUIPMENT SHALL BE LIABLE FOR ANY INDIRECT, SPECIAL, PUNITIVE, CONSEQUENTIAL, OR INCIDENTAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THIS EQUIPMENT EVEN IF LECTROSONICS, INC. HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL THE LIABILITY OF LECTROSONICS, INC. EXCEED THE PURCHASE PRICE OF ANY DEFECTIVE EQUIPMENT.**

This warranty gives you specific legal rights. You may have additional legal rights which vary from state to state.

