

# Quick Start Guide



## IFBR1B

### UHF Multi-Frequency Belt-Pack IFB Receiver

IFBR1B, IFBR1B-941, IFBR1B-VHF



**NOTE:** The IFBR1B does not ship standard with the single battery charger. To order this unit with a charger, order as IFBR1B-WITH-CHARGER.



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U.S. Patent 7,225,135

Fill in for your records:

Serial Number:

Purchase Date:

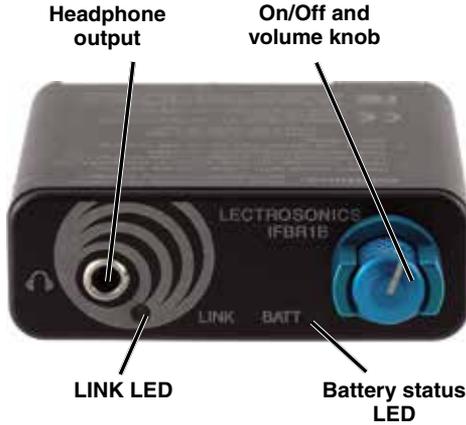
This guide is intended to assist with initial setup and operation of your Lectrosonics product.

For a detailed user manual, download the most current version at:

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

24 September 2021

# IFBR1B Features



## On/Off and Volume Knob

Turns unit on or off and controls headphone audio level. When the IFBR1B is first turned on, the firmware version will display briefly.



## Battery Status LED

When the battery status LED glows green, the batteries are good. The color changes to red at a midpoint during the runtime. When the LED begins to **blink** red, only a few minutes remain.

The exact point at which the LED turns red will vary with battery brand and condition, temperature and power consumption. The LED is intended to simply catch your attention, not to be an exact indicator of remaining time.

**NOTE:** The LCD will also alert when the battery is critically low.



## RF Link LED

When a valid RF signal from a transmitter is received, this LED will light up blue.

## Headphone Output

A 3.5 mm mini phone jack accommodates a standard mono or stereo type 3.5 mm plug. The unit will drive low or high impedance earphones. The jack is also the receiver antenna input with the earphone cord acting as the antenna. The cord length is not critical but must be at least 6 inches minimum.

## USB Port

Firmware updates via Wireless Designer are made easy with the USB port in the battery compartment.

## Installing the Battery



*An attached latching door makes battery installation easy. The USB port is located in the battery compartment.*



The battery door was designed to latch, providing extra security. To open, press at the lower right corner as shown. Slide the battery compartment door open, drop the battery in so that the connectors match and slide the battery door closed.

The battery door will now “lock” when fully closed. To “unlock,” press down actuator and slide battery door open.

## Battery Charging



The receiver operates on a 3.6 V rechargeable battery that will provide about eight hours of operation per charge.

**CAUTION: Use only Lectrosonics LB-50 supplied battery (P/N 40106-1).**

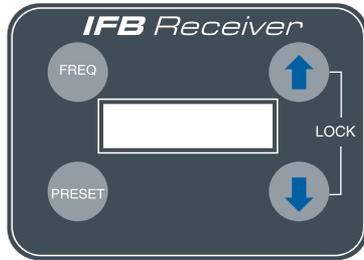
The optional USB battery charger kit provides a standard and microUSB termination on the charger. The LED glows red during charging and turns green when the battery is fully charged.

**Battery charger kit  
P/N 40117**



**CAUTION: Use only Lectrosonics battery chargers; P/N 40117 (as shown) or CHSIFBRIB.**

# IFBR1B Functions



## Frequency Selection

Press the **FREQ** button to select receiver frequency. Frequency is shown in MHz. The **UP** and **DOWN** arrow buttons adjust the frequency in 25 Or 100 kHz steps (VHF: 125 kHz steps). Simultaneous press of **FREQ + UP** or **FREQ + DOWN** adjusts the frequency in 1 MHz steps.



**NOTE:** Holding down the **UP** or **DOWN** arrow button, as opposed to a quick press, will scroll through the frequency steps at an accelerated pace.

## Preset Selection

Press the **PRESET** button to select preset frequencies for future use. Presets are displayed as:



P on the left and the current preset number (1-10) on the right **OR**



If the current preset slot is empty, an E also appears on the right. Use the **UP** and **DOWN** arrow buttons to navigate among any programmed presets, tuning the receiver to each.

**NOTE:** If the preset number is blinking, the receiver **IS NOT** currently tuned to that preset.

There are two options available for setting presets:

### Choosing the preset slot first:

1. Press **PRESET** to display the preset menu.
2. Use **PRESET + UP** and **PRESET + DOWN** to choose the desired slot. When navigating among the preset slots in this way, all slots are accessible, even the empty ones, and the receiver's tuning is not affected.

3. If the desired preset slot is occupied, you can reprogram by pressing **PRESET + DOWN** to clear the slot.
4. Press **FREQ** to display the frequency, then use the **UP** and **DOWN** arrow buttons adjust the frequency in 25 kHz steps.
5. Press **PRESET** again to return to the presets menu. You should see an E next to the blinking preset number.
6. Press and hold **PRESET + UP** to program the preset. The E will disappear and the preset number will stop blinking, indicating that this slot has now been programmed with the current frequency.

### Choosing the frequency first:

1. Press **FREQ** to display the frequency, then use the **UP** and **DOWN** arrow buttons adjust the frequency in 25 kHz steps.
2. Press **PRESET** to display the preset menu.
3. Use **PRESET + UP** and **PRESET + DOWN** to choose the desired slot.  
When navigating among the preset slots in this way, all slots are accessible, even the empty ones, and the receiver's tuning is not affected.
4. If the desired preset slot is occupied, you can reprogram by pressing **PRESET + DOWN** to clear the slot.
5. Press and hold **PRESET + UP** to program the preset. The E will disappear and the preset number will stop blinking, indicating that this slot has now been programmed with the current frequency.

### Clear a Preset Selection

1. Press **PRESET** to display the preset menu.
2. Press either **UP** or **DOWN** arrow buttons (tuning as you scroll) or **PRESET + UP** and **PRESET + DOWN** (selecting the preset without tuning) to select the preset number you wish to clear.

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**NOTE:** If there is an E next to the preset number, the slot is already clear.

3. Press and hold **PRESET + DOWN** to clear the slot. The E will appear and the preset number will blink, indicating the slot is now empty.

### Backlight Settings

Press the **UP** arrow button while powering on the receiver to display the backlight time out menu. Use the **UP** and **DOWN** arrow buttons to scroll through the options:

**bL:** Backlight always on; default setting

**bL 30:** Backlight times out after 30 seconds

**bL 5:** Backlight times out after 5 seconds

Press the **FREQ** button to exit and save settings.

## LED On/Off

Press the **UP** arrow button while powering on the receiver. From the backlight time out menu, press the **FREQ** button to access the LED on/off menu. Use the **UP** and **DOWN** arrow buttons to scroll through the options.

Press the **FREQ** button to exit and save settings.

## Locale Menu

On block 941 receivers ONLY, from the LED On/Off menu, press the **FREQ** button to access the LOCALE menu. Use the **UP** and **DOWN** arrow buttons to scroll through the options:

**LC CA:** Use with SMV/E07-941, SMQV/E07-941, HMA/E07-941, HHA/E07-941, SMWB/E07-941 and SMDWB/E07-941

**LC --:** Use with all other Block 941 transmitters

Press the **FREQ** button to exit and save settings.

## Locking the Settings

To lock or unlock the IFBR1B settings, press and hold the **UP** and **DOWN** arrow buttons simultaneously until the countdown completes.

There are two options available for locked settings:

**Locking Frequency:** If frequency is displayed when the receiver is locked, the frequency remains displayed, and the **UP** or **DOWN** arrow buttons will not alter the frequency.

**Locking Preset:** If preset is displayed when the receiver is locked, preset remains displayed, and the **UP** or **DOWN** arrow buttons can be used to scroll through previously programmed presets; however, the presets may not be programmed or deleted.

## Firmware Update Instructions

Use the Lectrosonics wireless Designer program to install firmware updates. Firmware update files and change notes are available from the Lectrosonics website.

Remove the battery and connect the IFBR1B to your Windows or macOS computer with a USB cable. The cable must have a micro-B male connector to mate with the USB jack in the IFBR1B. When updating firmware, the IFBR1B is powered by the USB cable. Use the "Firmware Update" Wizard in Wireless Designer to open the firmware file and install the new firmware version.

## Supplied Accessories

### 27258

Wire belt clip.



### 40106-1

LB-50 3.6V lithium-ion battery pack



### VSR-1

Self-adhesive Velcro strip. Helps to alleviate cord stress at the jack.



### CHSIFBR1B

A convenient and organized means of recharging 4 LB-50 batteries and IFBR1B receivers with numerous batteries in regular use. Each charging module may be daisy-chained to 3 additional modules using a single AC-DC power supply for a total of 16 units charging at once (LB50s and/or IFBR1Bs). Requires DCR5/9AU cord.



## Optional Accessories

### DCR5/9AU

Power supply for the CHSIFBR1B; can power 4 CHSIFBR1B at once. Includes AC cord.



### IFBR1BBCSL

Spring loaded beltclip for IFBR1B



### IFBR1BCVR

This tough silicone cover protects the IFBR1B from moisture and dust. The pliable material and the two-part design make it easy to install and remove. Cutouts for the antenna and knob and the raised dome for the LED provide a snug fit.



## 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.



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