

# USER MANUAL

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Software Version 1.00



ZAXCOM.COM

## PR6BFI

ZaxNet Remote Control. Reinvented

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# PR6BFI

1. **INC Key**

- Increases the parameters of a menu item.
- From the home screen will change the transport commands of the corresponding transmitter.

2. **LCD Display**

3. **Menu Key**

- Press it to access the menu and to advance to the next menu item.
- Hold while powering up to access the Extended Menu.

4. **DEC / Stop Key**

- Decreases the parameters of the menu items.
- From the home screen will change the transport commands of the corresponding transmitter.

5. **Micro SD Card Slot**

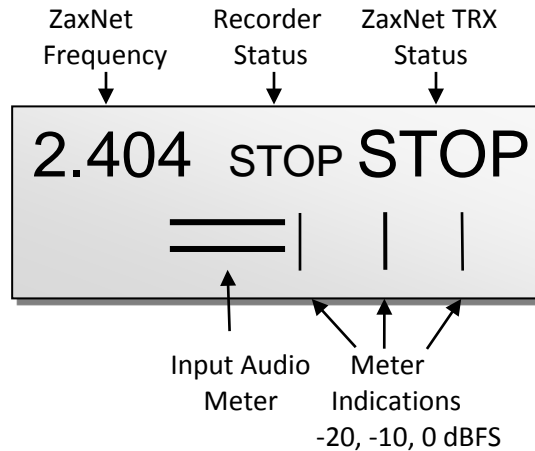
To insert a Micro SD card, turn the card so the finger contacts are facing up towards the LCD screen and down toward the slot. Insert the card into the slot and press it down until you hear a slight click. To remove it, press the card in until you hear the same click again.

6. **Power Switch**

7. **Antenna Connector** - ZaxNet



## Home Screen



### Frequency

Displays the ZaxNet transmit / receive frequency that the PR6BFI is operating on.

### Recorder Status

Displays the transport status of the internal audio recorder. When a valid time code signal is being received this will flash "JAM". When a formatted card is inserted the approximate record time left on the card will also flash.

### ZaxNet TRX Transport Status

Displays the transmit commands being sent to the transmitters. When in RX mode this will become the status of the internal recorder.

- REC - TRX record commands will be sent.
- - - - - - Is displayed when the PR6BFI is not sending any commands.
- STOP - TRX recording / playback is stopped.
- PLAY - TRX playback commands will be sent.

Please note that this is the order of the commands as they appear in the PR6BFI. So for example to go from REC to PLAY the DEC key will need to be pressed 3 times and to go from PLAY to STOP the INC key will be pressed once.

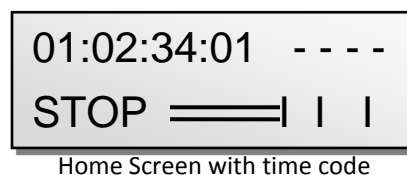
### Input Audio Meter

Displays the audio modulation of the inputted signal.

- When the record format is set to MONO one meter will be displayed.
- When in receive mode the meter will display the received audio.

### Alternate Home Screen

If the HOME TC DISPLAY menu is set to ON then the frequency will be replaced with the timecode and the record status is moved to the lower left corner.



Home Screen with time code

## Home Screen Operations

From the home screen pressing the INC or DEC key will cycle through the TRX control commands in order. If a formatted card is inserted the internal recorder will follow this sequence. For example if you send a record command to the TRX the internal recorder will go into record as well.

The PR6BFI will boot up to “- - -” mode where no command is being sent. Press INC and REC will be displayed and a record command will be sent to the TRX and will put the internal recorder into record mode. To stop, press the DEC key twice. The PR6BFI will cycle through “- - -” then to STOP. Playback would be one more press of the DEC key.

# Main Menu

## Entering and Navigating the Main Menu

- Press the MENU key to enter the menu.
- To advance to the next menu press the MENU key.

## Exiting the Main Menu

To exit the menu at any time press and hold the MENU key for 1.5 seconds.

## Remote Gain Adjust

*This menu will only appear if IFB mode is set to TX (transmit)*

REMOTE GAIN  
GROUP 01 UNIT001

The remote gain menu adjusts the gain, via ZaxNet, of the TRX transmitter that has the same group and unit code displayed if "ALL" is selected for the unit code each TRX transmitter in that group will be adjusted simultaneously. If the TRX is not in range of the ZaxNet signal, the gain command will have to be repeated once the transmitter comes back into range.

### Adjusting the TRX transmitter gain remotely

- Press the INC key to increase the gain. The display will show "++" in the top right hand corner as the gain is being adjusted.
- Press the DEC key decrease the gain. The display will show "--" in the top right hand corner as the gain is being adjusted.
- Each key press will alter the gain by 2dB.

## Unit Code Select

REMOTE CONTROL  
UNIT CODE = ALL

Each TRX transmitter can be assigned a specific unit code. That unit code allows for that specific transmitter to be controlled individually from the PR6BFI. This menu allows for the unit code to be changed so an individual transmitter can be controlled. If "ALL" is selected multiple transmitters, in the same group, can be adjusted at the same time. The unit code can be set to any number from 1 to 200 or "ALL" can be selected - to control all transmitters at the same time.

Please note that if the unit code is changed pressing the MENU key will navigate back to the remote gain menu. If no changes are made to the unit code pressing the MENU key will advance to the next menu item.

## Remote Frequency Adjust

*This menu will only appear if IFB mode is set to TX (transmit)*

REMOTE CH 548.0  
UNIT CODE = 1

The remote frequency adjust menu is where the frequency of the transmitter that is being controlled is changed from. If the unit code is set to ALL "WARNING" will be displayed and the frequencies cannot be changed. This is because if ALL is selected all transmitters will be re-tuned to the same frequency.

### Adjusting the TRX transmitter frequency remotely

- In the unit code menu set the unit code for the transmitter to be adjusted.
- Press the INC key to increase the frequency.
- Press the DEC key to decrease the frequency.
- Pressing the INC or DEC key will change the frequency by .1 MHz
- Pressing and holding INC or DEC the key will change the frequency by 1MHz.

## Remote Power Mode Adjust

*This menu will only appear if IFB mode is set to TX (transmit)*

REMOTE POWER MODE  
0: POWER = ON

The remote power mode menu allows for the RF power setting of the TRX transmitters to be adjusted.

The TRX transmitters have three selectable power settings:

- **NORMAL** - The transmitters are at full transmitting power.
- **WAKE** - If a TRX transmitter is set to REMOTE STANDBY it will power up to a non-transmitting low power mode and will use approximately 25% of the power of normal operations. A wake command will bring that transmitter to full power.

To use wake mode set the TRX transmitters BOOT UP MODE to REMOTE STANDBY. Then when the transmitter powers up, it will remain in standby mode until it receives the wake command to bring it to full power. Once the TRX is awoken the only way for it to go back into standby mode is by a power cycle.

- **LOW 2** - Low 2 disables the RF power amplifier, RF board and microphone pre-amp on the TRX transmitter. In LOW 2 mode the transmitter will save approximately 50% of the power of normal operations. A transmitter can be put into or taken out of LOW 2 as often as desired when selected in this menu.

### Settings:

**0: POWER=ON** – Normal operation - the TRX will be fully powered ON

**1: POWER=ON** – Normal operation (same as 0) filler to prevent accidental power setting adjustment.

**2: POWER=ON** – Normal operation (same as 0) filler to prevent accidental power setting adjustment.

**3: POWER=ON** – Normal operation (same as 0) filler to prevent accidental power setting adjustment.

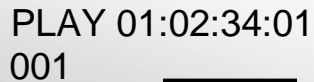
**4: POWER=ON** – Normal operation (same as 0) filler to prevent accidental power setting adjustment.

**5: POWER=WAKE** – Selected to wake a transmitter to full power mode from remote standby mode.

**6: POWER=LOW2** – Selected to put a transmitter into and out of low power mode. A transmitter can come in and out of LOW 2 mode as needed. When in LOW 2 mode “LOW 2” will be displayed on the transmitter’s home screen. Please note LOW 2 will not disable recording but audio will be muted. Once the TRX power is set to Low 2 the PR6BFI can be powered down. Then when the PR6BFI is powered up all transmitters being controlled will automatically come up to full power since the PR6BFI will always boot up to the 0 Power setting.

Please note if the TRX transmitter is not in range of the ZaxNet signal, the power setting command will have to be repeated once the transmitter comes back into range.

## Playback Control



PLAY 01:02:34:01  
001

Recorded files can be played back from this page.

The top line displays the current mode of the recorder: REC, PLAY or STOP followed by the time code.

The bottom line contains the current segment number and the audio level.

### Playing back from the transport page

- Pressing the INC key while stopped will play the segment that is displayed.
- Pressing the INC key while playing back will jump ahead approximately 2 minutes.
- Press and holding the INC key will advance to the next segment.
- Pressing the DEC key while playing back will stop the playback.
- Holding the DEC key while playing back will take you to the start of that segment.
- Pressing the DEC key while stopped will jump back a segment.

## Time Code Routing

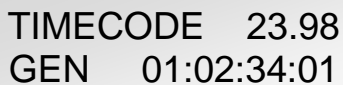


TC CONNECTOR:  
OUTPUT

The time code routing menu sets the function of the BNC time code connector.

- **OUTPUT** - The PR6BFI will output time code on the BNC connector.
- **INPUT** - The PR6BFI will receive time code on the BNC connector.

## Time Code Frame Rate Select



TIMECODE 23.98  
GEN 01:02:34:01

The time code frame-rate that will be recorded and transmitted over ZaxNet is set from this menu.

The PR6BFI will lock to and transmit all standard time code frame rates.

- 23.98, 24, 25, 29.97DF, 29.97DF, 30 DF, 30 NDF

## IFB Audio Adjust

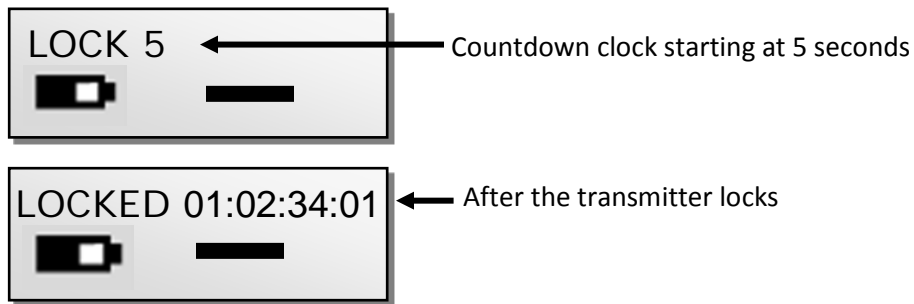


IFB TX MIX:  
LEFT AND RIGHT

The IFB audio mix sets what audio will be transmitted from the PR6BFI via ZaxNet.

- **RIGHT ONLY** - Right inputted audio only will be transmitted.
- **LEFT ONLY** - Left inputted audio only will be transmitted.
- **LEFT AND RIGHT** - Both Left and right audio will be summed to mono and transmitted.

## PR6BFI Lock Page



This page enables a lock function to prevent any accidental key presses.

When stopping on this page a countdown clock will begin. After 5 seconds the keys will lock and the display will indicate that it is LOCKED followed by the time code.

If you exit this screen before the 5 seconds is up the PR6BFI will not lock.

### To unlock the PR6BFI

- Simultaneously press the MENU and INC keys.  
Or
- Powering down the unit will clear the lock.

## Extended Menu

### Entering and Navigating the Extended Menu

- Press and hold the MENU key while powering up the unit.
- Pressing the MENU key will advance to the next menu item.

### Exiting the Extended Menu

- Hold down the MENU key to get back to the extended menu home page then press the INC key.  
Or
- Cycle the power

### 1K Notch Filter



1K NOTCH FILTER  
OFF

The 1K notch filter is used to eliminate the 1 Kiloherzt tone from being outputted to an ERX receiver. This menu enables/disables the 1 Kiloherzt notch filter.

### Record Format



RECORD FORMAT:  
STEREO

This menu adjusts the record format of the internal recorder. Please note that any changes to the record format will require the PR6BFI to be rebooted.

- **US MONO** - The PR6BFI will record both inputs summed to mono.
- **STEREO** -The PR6BFI will record both inputs independently.
- **US MONO-R** -This setting is not applicable on the IFB-200

### IFB Transmit Power

*This menu will only appear if IFB mode is set to TX (transmit)*



IFB TX POWER: 5

The IFB transmit power of the PR6BFI ZaxNet transmitter is set from this menu.

## IFB Mode

IFB MODE: TX

This menu sets if the PR6BFI will transmit ZaxNet or receive ZaxNet. Please note that if the PR6BFI is set to receive the TRX transmitter control items in the main menu will not be available.

- **OFF** - The ZaxNet transceiver is turned off and the PR6BFI will not transmit or receive ZaxNet.
- **RX** - The PR6BFI will receive ZaxNet IFB audio and time code.
- **TX** - The PR6BFI will send ZaxNet commands, IFB audio and time code.

## IFB Voting Enable

*This menu will only appear if IFB mode is set to RX (receive).*

IFB VOTING  
NORMAL (OFF)

This menu enables / disables the IFB Voting function when the PR6BFI is being used to receive ZaxNet. The purpose of IFB voting is to allow the PR6BFI to choose, and switch to, the stronger signal from two different ZaxNet transmitters. IFB voting allows a second IFB transmitter to be placed at a different location then the ZaxNet receiver will choose the stronger of the two signals to listen to.

Please note that when using IFB voting the second ZaxNet transmitting frequency must be set to exactly 2MHz higher than the first ZaxNet transmitter.

## ZaxNet Receive Frequency Set

RXFREQ: 2.403

RXFREQ: 2.403 RX  
SIGNAL: 28

When the PR6BFI is receiving a ZaxNet signal:

← ZaxNet receive frequency and RX shows that ZaxNet is being received

← ZaxNet signal strength meter

← Signal strength

This menu is where the ZaxNet receive frequency of the PR6BFI is set. There are 72 selectable ZaxNet frequencies from 2.403GHz – 2.473GHz

## ZaxNet Transmit Frequency Set

IFB TX CH: 2.420

This is where the ZaxNet transmit frequency of the PR6BFI is set. The ZaxNet transmit frequency is the frequency that the PR6BFI will broadcast remote commands, time code and ZaxNet audio on. There are 72 choices of frequencies from 2.403GHz – 2.473GHz.

## Transmitter Remote Roll Enable

TRANSMIT TPMODE  
ON

The transmitter TP mode menu enables the TRX transmitters to follow the record and stop commands of the PR6BFI. If this is set to ON and if recording on the PR6BFI is triggered all TRX transmitters that are being controlled from the PR6BFI will begin to record.

## Power Roll

POWER ROLL:  
OFF

Power roll allows a TRX transmitter to stay at lower transmit power setting to conserve battery power when not recording. Then when record the transmitter will increase its output power. Please note to use this feature the TRX transmitter will need to have power roll and it will need to be enabled in the TRX transmitter.

- **OFF** – Power roll is disabled.
- **DIVA TRIGGER** – When a Zaxcom recorder begins to record the ZaxNet information that is embedded in the time code will cause the transmitter to go to full transmit power. To use this feature the PR6BFI would need to be hard wired to the time code out.
- **RECORD TRIGGER** – When the PR6BFI receives running time code, in a record run situation, the PR6BFI will send a command to the TRX transmitter to go to full power.

## IFB Dropout Compensator

*This menu will only appear if IFB mode is set to RX (receive)*

IFB DROPOUT  
COMPENSATOR ON

The IFB dropout compensator menu enables /disables the ZaxNet IFB drop out compensator.

When the drop out compensator is enabled, and if there is a brief drop out in the received ZaxNet audio, the drop out compensator will replace the drop out with a bit of the surrounding audio so the audio will match and there will be no audible drop out.

## Power-Up Mode

POWER UP MODE:  
LOCKED

The power up mode menu sets what happens to the keys on the PR6BFI after boot-up.

- **LOCKED** – After boot-up has completed, the PR6BFI will automatically go into lock mode and the keys will be locked to prevent accidental changes to the settings.
- **UNLOCKED** – After boot-up the keys will remain unlocked. When in this mode the PR6BFI can always be locked by going in to the lock screen in the main menu and wait 5 seconds.

To unlock the keys at any time - simultaneously press the MENU and INC keys.

## SD Card Format

*This menu will only appear if a card was inserted prior to booting up*

PRESS UP KEY 5X  
TO ERASE CARD

The Micro SD card is erased and formatted from this menu. Please note that all cards need to be formatted prior to use and only cards formatted in the PR6BFI will work.

Before formatting the card, you may want to name the transmitter– if so please see the transmitter naming section in this manual.

### Formatting an SD Card:

1. With the power off, insert the memory card into the media slot with the card label to the back of the unit. Press the card all the way in until it “clicks”.
2. Power up the PR6BFI while holding the menu key to enter the extended menu.
3. Advance to this menu.
4. Press the INC key 5 times.
5. FORMATTING FAT 32 will be displayed.
6. In a few minutes, depending on the size of the card either “SUCCESS” or “FORMAT FAILED ERROR” will be displayed.
7. If “SUCCESS” appears power cycle the PR6BFI.
8. If “FORMAT FAILED ERROR” try to re-format the card, if it fails again it is not advised to use that card.

## TC Jam Mode Select

TC JAM MODE:  
AUTO-JAM NORMAL

If record run time code is being used this menu controls if the PR6BFI will automatically go into record when it receives a record run time code.

- **AUTO-JAM NORMAL**– The PR6BFI will continuously jam time code and will not automatically go into record.
- **AUTO-LOAD REC RUN** – The PR6BFI will start and stop recording when receiving record run time code. In auto-load the PR6BFI will go into record when detecting rolling time code. And will stop when the time code stops. If time code is lost the unit will not stop but will continue in whatever state it was in until the time code signal is restored.

## Time Code Source

TC SOURCE:  
BNC CONNECTOR

This menu selects how the PR6BFI will receive its time code.

- **IFB (RF)** – The PR6BFI will receive time code via ZaxNet being broadcast from another ZaxNet transmitter.
- **BNC Connector** – If BNC is selected and the TIME CODE CONNECTOR menu is set to “INPUT” the PR6BFI will receive time code via the BNC connector.

## Mute Time Code Transmission Until Jammed

MUTE TC UNTIL  
JAMMED: OFF

If mute time code is set to ON the ZaxNet transmitter will not broadcast time code over ZaxNet until it receives and jams its own internal time code generator. This prevents the ZaxNet from sending incorrect time code to another device.

## Group ID Select

REMOTE CONTROL  
GROUP CODE = 1

Group ID sets the PR6BFI ZaxNet transmitter to a "GROUP".

So for example a TRX transmitter set to Group 1 will be controlled by a ZaxNet transmitter set to Group 1 and a group 2 transmitter will be controlled by a Group 2 ZaxNet transmitter. This allows a group of transmitters to be controlled without affecting others. This will also help if two or more people on set are sending ZaxNet commands each person will be independent and won't interfere with each other. Most users leave this set to 1 on all of their Zaxcom products. Group codes can be set from 1 to 99.

## Audio Input Select

INPUT: ANALOG

The audio input select sets what audio the PR6BFI will input.

- **ANALOG** – Used when inputting an analog audio signal.
- **DIGITAL L** - Used when Inputting a digital signal on pins 1, 2, 3 on the TA5 connector.
- **DIGITAL R** - Used when inputting a digital signal on pins 1, 4, 5 on the TA5 connector.

## Minimum Frequency

MIN FREQ: 512.0  
(TVCHAN MIN 21)

This menu sets the lowest UHF frequency that the PR6BFI will cycle to when remote controlling TRX transmitters. This eliminates having to cycle through frequencies that are out of the working frequency range of the TRX transmitters that are being controlled.

## Maximum Frequency

MAX FREQ: 698.0  
(TVCHAN MIN 51)

This menu sets the highest UHF frequency that the PR6BFI will cycle to when remote controlling TRX transmitters. This eliminates having to cycle through frequencies that are out of the working frequency range of the TRX transmitters that are being controlled.

## Allow IFB Remote Control

*This menu will only appear if IFB mode is set to RX (receive)*

ALLOW IFB REMOTE  
CONTROL: ON

IFB remote control allows the PR6BFI to receive record commands from another ZaxNet transmitter.

## ERX Software Update

PRESS ↑ TO SEND  
ERX PROG FILE

This menu is used to update the software on a Zaxcom ERX receiver.

### To Update the ERX Software

1. Format a micro SD card in the PR6BFI and with a computer delete the “delete.me” file.
2. Copy the ERX software onto the card and place the card in the PR6BFI.
3. Set up your ERX to receive software (see the ERX manual).
4. Power up the PR6BFI and advance to this menu.
5. Press the INC key.
6. The PR6BFI will begin to transmit the software and will continuously be resent until manually stopped.

## Automatic Record On Boot up

RECORD ON BOOTUP  
ON

Record after boot up will allow the PR6BFI to automatically go into record after it boots up.

- **ON** - The PR6BFI will automatically start to record after it boots up.
- **OFF** - The PR6BFI will wait for a manual record trigger to start recording.

## Input Phase Invert

PHASE INVERT CH2  
OFF

If set to ON the phase of the channel 2 (Right) audio input on the TA5 connector will be inverted to correct for a phasing issue with the input cable.

## Home Screen Time Code Display

HOME TC DISPLAY:  
ON

This menu will determine if the PR6BFI will display its ZaxNet transmit frequency or time code on the home screen.

01:02:03:01 STOP  
RX ==

**ON** - The home screen will display the time code and the recorder status on the top with the ZaxNet status and audio meters on the bottom. When recording the ZaxNet status will also flash the time remaining on the card.

2.420 RX STOP  
==

**OFF** - The home screen will display the ZaxNet transmit frequency, ZaxNet status and recorder status on the top with the audio meters on the bottom. When recording the ZaxNet status will also flash the time remaining on the card.

## Backlight Timer

BACKLIGHT TIMER  
ALWAYS ON

The backlight menu sets the function of the backlight. Please note that the power draw of the backlight is very negligible and will not be putting a high demand on the battery

- **OFF** - The backlight will remain off.
- **ALWAYS ON** - The backlight will always stay on.
- **1 - 29 seconds** - The backlight will remain on after the last button push for the selected time.

## Encryption Menu Hide

ENCRYPTION MENU:  
HIDDEN

This menu allows for the encryption menu to be hidden preventing accidental changes.

- **HIDDEN** - The encryption menu does not appear when cycling through the menu settings.
- **ON** - The encryption menu will appear and can be changed.

## Encryption Code Set



For normal un-encrypted operations all six numbers should be set to zero. If the encryption code is set to any number other than all zeroes, the transmitted audio will be encrypted and can only be listened to if the receiver has the matching encryption code entered. When a receiver is getting an audio signal, and the codes do not match, all that will be heard is white-noise or silence.

These two sets of numbers are formed into a single six-digit encryption code which provides a total of 16,777,216 possible combinations.

### To adjust the encryption code

1. Momentarily press the MENU key to advance to the next character.
2. To change the designated character, press the INC or DEC key.
3. To exit this page, press and hold the MENU key for 1 second.



## Firmware

Each PR6BFI is shipped with the latest firmware version installed. As newer firmware becomes available, it can be downloaded from the Zaxcom website:

<http://www.zaxcom.com/software-updates>

Newer version of beta software may be found on the Zaxcom forums:

<http://www.zaxcom.com/forum>



Each time the PR6BFI is powered up, the firmware version number is displayed briefly on the LCD screen.

Pressing the DEC key during the boot up will slow down the screen to allow easier viewing of the information.

## Wiring Diagrams

### 12 Volt DC power

Uses a Switchcraft 760K

| DC Power<br>In |   |            |
|----------------|---|------------|
| +              |  | CENTER PIN |
| -              |  | SLEEVE     |

## Product Support

**Register** your product with Zaxcom: <http://zaxcom.com/support/product-registration/>  
Download the latest **Firmware** from: <http://zaxcom.com/support/updates/>  
Download the latest **User Manuals** from: <http://zaxcom.com/support/updates/>  
**Submit Technical Questions** at: <http://www.zaxcom.com/submit-a-technical-question>  
Submit information for **Repair Services** at: <http://www.zaxcom.com/support/repairs>  
Join the **Zaxcom User Forum** at: <http://www.zaxcom.com/forum/forum.php>  
Join the **Zaxcom Face Book User Group** at: <https://www.facebook.com/groups/682199065139938/>

## Specifications

### **IFB RF Transmitter**

RF Power Output: 100 mW  
RF Modulation: Digital Spread Spectrum  
RF Frequency Range: 2.403 to 2.473 GHz  
RF Frequency Step: 0.001 GHz (1 MHz)  
RF Bandwidth: 1 MHz  
Channel Separation: 1 MHz

### **IFB Audio Transmitter**

Dynamic Range: 103 dB  
Distortion: 0.01%  
Frequency Response: 20 Hz to 12 kHz  
System Group Delay: 10 ms

### **Timecode Reader / Generator**

Clock Accuracy: 1.54 PPM (1 frame out in 6 hours)  
Timecode Type: SMPTE  
Timecode Frame Rates: 23.98, 24, 25, 29.97NDF, 29.97DF, 30NDF, 30DF

### **Physical**

Weight: 1.0 oz  
Dimensions: 3.6" x 3.23" x .1"  
External Power: 8 to 18 VDC @ 180 mA  
Internal Power: N/A  
Display: Graphic LCD Panel

*All Specifications subject to change without notice*

# Zaxcom Warranty Policy and Limitations

Zaxcom Inc. values your business and always attempts to provide you with the very best service.

No limited warranty is provided by Zaxcom unless your PR6BFI ("Product") was purchased from an authorized distributor or authorized reseller. Distributors may sell Product to resellers who then sell Product to end users. Please see below for warranty information or obtaining service. No warranty service is provided unless the Product is returned to Zaxcom Inc. or a Zaxcom dealer in the region where the Product was first shipped by Zaxcom.

## Warranty Policy

The Product carries a Standard Warranty Period of one (1) year.

**NOTE:** The warranty period commences from the date of delivery from the Zaxcom dealer or reseller to the end user.

There are no warranties which extend beyond the face of the Zaxcom limited warranty. Zaxcom disclaims all other warranties, express or implied, regarding the Product, including any implied warranties of merchantability, fitness for a particular purpose or non-infringement. In the United States, some laws do not allow the exclusion of the implied warranties.

## Troubleshooting & Repair Services

No Product should be returned to Zaxcom without first going through some basic troubleshooting steps with the dealer you purchased your gear from.

To return a product for repair service, go to the Zaxcom Repair Services page <http://www.zaxcom.com/repairs> and fill in your information; there is no need to call the factory for an RMA. Then send your item(s) securely packed (in the original packaging or a suitable substitute) to the address that was returned on the Repair Services page. Insure the package, as we cannot be held responsible for what the shipper does.

Zaxcom will return the warranty repaired item(s) via two-day delivery within the United States at their discretion. If overnight service is required, a FedEx or UPS account number must be provided to Zaxcom to cover the shipping charges.

\*Please note a great resource to troubleshoot your gear is the Zaxcom Forum: <http://www.zaxcom.com/forum>.

## Warranty Limitations

Zaxcom's limited warranty provides that, subject to the following limitations, each Product will be free from defects in material and workmanship and will conform to Zaxcom's specification for the particular Product.

### Limitation of Remedies

Your exclusive remedy for any defective Product is limited to the repair or replacement of the defective Product.

Zaxcom may elect which remedy or combination of remedies to provide in its sole discretion. Zaxcom shall have a reasonable time after determining that a defective Product exists to repair or replace a defective Product. Zaxcom's replacement Product under its limited warranty will be manufactured from new and serviceable used parts. Zaxcom's warranty applies to repaired or replaced Product for the balance of the applicable period of the original warranty or thirty days from the date of shipment of a repaired or replaced Product, whichever is longer.

### Limitation of Damages

Zaxcom's entire liability for any defective Product shall, in no event, exceed the purchase price for the defective Product. This limitation applies even if Zaxcom cannot or does not repair or replace any defective Product and your exclusive remedy fails of its essential purpose.

### No Consequential or Other Damages

Zaxcom has no liability for general, consequential, incidental or special damages. These include loss of recorded data, the cost of recovery of lost data, lost profits and the cost of the installation or removal of any Product, the installation of replacement Product, and any inspection, testing or redesign caused by any defect or by the repair or replacement of Product arising from a defect in any Product.

In the United States, some states do not allow exclusion or limitation of incidental or consequential damages, so the limitations above may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

## Your Use of the Product

Zaxcom will have no liability for any Product returned if Zaxcom determines that:

- The Product was stolen.
- The asserted defect:
  - Is not present,
  - Cannot reasonably be fixed because of damage occurring when the Product is in the possession of someone other than Zaxcom, or
  - Is attributable to misuse, improper installation, alteration, including removing or obliterating labels and opening or removing external covers (unless authorized to do so by Zaxcom or an authorized Service Center), accident or mishandling while in the possession of someone other than Zaxcom.
- The Product was not sold to you as new.

## Additional Limitations on Warranty

Zaxcom's warranty does not cover Product, which has been received improperly packaged, altered or physically abused.

Warning: Changes or modifications to this device not expressly approved by Zaxcom Inc. could void the user's authority to operate the equipment.

**RF Exposure:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The user should maintain a safety distance of 20 cm between the product and their body.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This radio transmitter has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

2.4GHz Quarter Wave Whip Antenna, 2.2dBi gain, 50 Ohms

Le présent émetteur radio (PR6BFI) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal et l'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

2.4GHz Quarter Wave Whip Antenna, 2.2dBi gain, 50 Ohms

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.