

## **Introduction**

The JETIBOX PROFI is designed to be an easy to use mobile wireless device for viewing, processing and storing your telemetry data. The JETIBOX PROFI also is designed to work in two different wireless modes with the JETI DUPLEX 2.4GHz systems.

### **1. JETIBOX PROFI Features**

1. Navigation buttons
2. Enter button
3. On/Off and Esc (exit) button
4. LCD Desktop Display
5. 3.5mm headphone jack
6. Three pin connector (Ji) for legacy JETIBOX compatible equipment
7. USB connector for JETIBOX PROFI to PC
8. Battery switch
9. Connector (Ti) for Duplex 2.4GHz transmitter or module
10. Speaker
11. Integrated antenna\*

\*When handling the JETIBOX PROFI avoid covering the antenna as this can affect range and sensitivity.

### **2. Charging the Battery**

The JETIBOX PROFI contains an internal LiPo type battery and charging circuitry. The JETIBOX PROFI can be charged using three different inputs:

- USB
- Three pin (Ji) connector, 5.7V-20VDC (5W max) input
- Transmitter (Ti) connector, 5V-20VDC (5W max) input

Battery charge progress is indicated by the battery symbol in the lower right corner of the display. Battery is completely charged when the battery symbol is full. When the battery indicator is full the charge input source will be displayed. (USB, Ji -three pin connector or Ti -transmitter connector)

### **3. Before Switching ON for the First Time.**

Your JETIBOX PROFI is shipped with the battery switch in the OFF position. Before you switch your JETIBOX PROFI ON for the first time, slide the battery switch toward the Ti connector to the ON position.

#### **4. Normal Switching ON/OFF**

Your JETIBOX PROFI is switched ON by either holding down the ESC button or by connecting DC voltage to one of the input connectors. To switch your JETIBOX PROFI OFF simply hold down the ESC button. The graphic display will show the system switch off progress. When the screen goes blank the switch off process is finished and your JETIBOX PROFI is OFF.

#### **5. Long Term Storage**

If you do not plan to use your JETIBOX PROFI for a few weeks or months it is best to slide the battery switch to the OFF position. This disconnects the internal battery so that there is no drain on the internal battery. With the internal battery disconnected the JETIBOX PROFI will not keep up with the date and time. You will need to re-set these when you switch back ON. Always properly switch off your JETIBOX PROFI with the ESC button before sliding the battery switch to off.

**NEVER SWITCH OFF THE BATTERY SWITCH WHILE THE JETIBOX PROFI IS RUNNING!!**

#### **6. Menu Navigation**

The current menu name is displayed in the upper menu bar.

When a scroll bar appears in the right corner of any menu it means that there are multiple items in that menu. Use the Up/Down buttons to move vertically within the menu. Use the Left/Right buttons to move horizontally within the menu. Some menus contain user adjustable items. These items will have a description and a value. Adjustable values have a small arrow immediately to the right or left of the value that points away from the displayed value. (See picture).

If the arrow is to the left of the value then the value can be changed using the Left button. If the arrows appear on both sides then the value can be adjusted with the Left and Right buttons. If there is a right direction arrow displayed on the left side of a menu item then use the ENTER button to activate/adjust that item's value. For better organization some of the menus use special navigation icons. This picture shows two icons in the menu bar. The icon on the left shows the chosen location for this menu's desktop display. (Upper left) The icon on the right shows the chosen display type. (Bar Graph)

## **6.2 Language Selection**

Your JETIBOX PROFI ships with English as the default language but Czech and German may also be selected.

To change your JETIBOX PROFI language:

1. Switch ON your JETIBOX PROFI (see Chapter 4)
2. Push the ESC button to get to the main menu then use the navigation buttons to select setup and use the ENTER button to access the setup menu.
3. Select Main and use the ENTER key to access that menu.
4. Use the Left/Right buttons to select a new language.
5. Press the ESC button 3 times and you are back to the desktop.

## **7. Wireless Modes**

Your JETIBOX PROFI comes with the Jeti Duplex 2.4GHz wireless data transfer system built-in. Your JETIBOX PROFI can be operated in two wireless communication modes: “Monitor” (See Chapter 7.1) or “Tx Module” (See Chapter 7.2).

To change the wireless communication modes:

1. Switch ON your JETIBOX PROFI
2. Push the ESC button to access the main menu, select Set-up and press the ENTER button.
3. Select the Duplex menu and press the ENTER button.
4. Select the JETIbox mode and use the Left or Right buttons to change the mode.
5. In the PROMPT screen select YES to confirm your selection or NO to cancel your selection and press the ENTER button.
6. Press ESC 3 times and you are back to the desktop.

### **7.1 Monitor Wireless Communication Mode**

In this mode your JETIBOX PROFI can only receive its data by “listening” to the existing connection between a Duplex 2.4GHz equipped transmitter (or transmitter with Duplex module) and a Duplex receiver. The JETIBOX can not receive any receiver data without the transmitter turned on and transmitting. To operate your JETIBOX PROFI in this mode you must bind your JETIBOX PROFI to the transmitter as shown. During the bind process your JETIBOX PROFI adds the Duplex transmitter ID number to its internal directory of equipment to which it can communicate with. You only have to do this one time. Once the transmitter’s ID number has been stored, they will automatically start communicating when they are both turned ON.

To bind your JETIBOX PROFI to a transmitter in Monitor mode:

1. Switch ON your JETIBOX PROFI
2. Push the ESC button to access the main menu, select Set-up and press the ENTER button.
3. Select the Duplex menu and press the ENTER button.
4. Make sure the JETIbox mode displays “Monitor”. (If not, see Chapter 7)

5. Select Binding > Start then press the ENTER button
6. “Start” will change to “Running”.
7. Switch on your transmitter and then your receiver.
8. When the JETIBOX PROFI display changes from “Running” back to “Start” the binding process is complete.
9. Press ESC several times to return to the desktop.

## **7.2 Tx Module Wireless Communication Mode**

In this mode your JETIBOX PROFI sends AND receives data directly to/from your Duplex 2.4GHz receiver. This is done using the standard PPM signal generated by most transmitters. Using the universal mounting set, your JETIBOX PROFI can be used as a Duplex transmitter module. To operate your JETIBOX PROFI in this mode you must bind your JETIBOX PROFI to the receiver as shown. During the bind process your JETIBOX PROFI adds the receiver ID number to its internal directory of equipment to which it can communicate. You only have to do this one time. Once the receiver’s ID number has been stored, they will automatically start communicating when they are both turned ON.

### **Automatic Binding**

1. Plug the bind plug into the EXT slot of your receiver and then connect your receiver power supply.
2. Switch on your JETIBOX PROFI. The JETIBOX PROFI will automatically bind with the receiver.

If your receiver fails to bind, make sure that wireless mode is set correctly to “TXmodule” in your JETIBOX PROFI. (See Chapter 7)

### **Manual Binding**

1. Switch ON your JETIBOX PROFI
2. Push the ESC button to access the main menu, select Set-up and press the ENTER button.
3. Select the Duplex menu and press the ENTER button.
4. Make sure that the JETIibox mode is set to “TXmodule”.
5. Plug the bind plug into the EXT slot of your receiver and then connect your receiver power supply.
6. In the Duplex menu select Binding- Start and press the ENTER button.
7. Press ESC multiple times to get back to the desktop.

## **7.3 Telemetry Reception**

In TX Module mode, if you do not connect your JETIBOX PROFI to a transmitter (PPM signal), your JETIBOX PROFI will only receive telemetry from the sensors connected to your receiver. Your JETIBOX PROFI can not display stick and controller positions

without the transmitter PPM connection. You must deactivate the PPM alarm if you use your JETIBOX PROFI in this mode.

## **8. Desktop**

Once you switch on your JETIBOX PROFI, the telemetry menu is displayed on the desktop. At the bottom of the desktop, the Status line shows the desktop number and operation modes of your JETIBOX PROFI. The telemetry data is displayed above the Status line in four sections. Your JETIBOX PROFI has five different desktops, each with 4 display sections. All of these desktop display sections can be customized. Use the Left/Right buttons to navigate between the desktops. The current desktop number is shown on the left end of the Status line.

1. Four telemetry display sections- defined by the user
2. Current desktop number icon
3. Telemetry data and PPM recording icon
4. “Ji” external input menu icon
5. Wireless module menu icon
6. Speaker/Earphones icon
7. Battery status/charge status icon
8. Receiver signal strength icon

## **9. PPM Monitor**

The PPM Monitor menu displays up to 16 transmitter channel outputs. To access the PPM Monitor menu from any desktop simply press the Left button until the PPM Monitor menu appears. In the status line of this menu you will see the number of channels detected. The first screen displays output for the first 8 channels. Press the Left button to go to the second screen which displays the last 8 channels.

In the TX Module wireless mode, the “Ti” input is used to decode the PPM signal from your transmitter and displays all of the transmitter channel outputs. If the “Monitor” wireless mode is used instead, your JETIBOX PROFI will only display the actual channels used to communicate with your receiver.

## **10. Telemetry with Duplex 2.4EX**

When used with the EX Telemetry system your JETIBOX PROFI offers a wide range of options when processing, displaying and storing your telemetry data. To view telemetry

data your JETIBOX PROFI must communicate either by using one of the wireless modes or by direct connection through the “Ji” input port.

## 10.1 Display

1. Select one of the four desktop sections and press ENTER to confirm.
2. Select Equipment and press ENTER to confirm.
3. Select an item from the Equipment list and press enter to confirm.

Note: If there are no items in the list or you do not see the item you wish to select, check to make sure that the desired sensor is properly connected and that the wireless or direct connection for your JETIBOX PROFI is also properly connected. When you first set up the system or when you add a sensor, the system may take a few minutes to display all of the equipment.

4. Select your desired equipment parameter and press ENTER.

Note: When you first set up the system or when you add a sensor, the system may take a few minutes to display all of the parameters.

5. In this menu you can select the way your telemetry data is displayed. Selecting the “Value” option displays your data as an ordinary number. The remaining choices are described below.

### Bargraph

This displays your data as a horizontal bar graph using the parameters you select.

Origin - Use this to select the part of the graph where your data begins its display. (Right, Center, Left)

Minimum – Use this to select the minimum value for the left side of your bar graph when you choose Right, Center or Left as the origin. If you have chosen Right as your origin then this will be the value for the right side of your bar graph.

Maximum - Use this to select the maximum value for the right side of your bar graph when you choose Right, Center or Left as the origin. If you have chosen Right as your origin then this will be the value for the left side of your bar graph.

Press Enter to confirm your choices.

Press ESC multiple times to get back to the desktop.

### Set-up Examples:

In this example, the MVARIO sensor information is displayed as a bar graph with Center origin selected and the minimum and maximum are set symmetrically. (Negative for minimum and positive for maximum) When your origin is set for Center, the bar graph

will also display arrows at either the left or right end when the data value is larger or smaller than the center point value of the bar graph.

In this example, the MUI sensor information is displayed as a bar graph with Left origin selected. The minimum and maximum are selected so that bar graph displays remaining battery capacity. As the battery capacity decreases the bar graph display disappears. If the battery is completely emptied, the display will be completely empty as well.

## Conversion

If you want to display your telemetry data in different units than the defaults you may choose different conversions. The upper menu bar shows the current unit selection and its actual value. Use the Up/Down buttons to select between the available conversion units and press Enter to confirm. You will see your selection appear in the upper menu bar. Press ESC to leave the menu.

## XY Graph

This display graphs recorded telemetry data over time. This type of graph can only be used once per desktop.

**AUTO** – This mode automatically calculates the XY graph borders depending upon the telemetry data range. Once calculated, the graph borders are stored when your JETIBOX PROFI is switched off. These same borders are used when you switch back on. The automatic borders are reset when the XY graph setup is stored by selecting ENTER in the XY Graph menu.

**MANUAL** – This mode allows you to define the XY graph borders. The manual mode menu allows you to select the minimum, maximum and speed values and for your XY graph. The minimum value is displayed at the bottom of the graph and the maximum value is displayed at the top of the graph. Note: These values can only be set after you have selected a unit of measure (see Conversions) for the data.

There are three choices for speed:

Slow – Graphs 1 sample every 1.5 seconds

Medium – Graphs 2 samples every 1 second

Fast – Graphs 5 samples every 1 second

## 10.2 Storing Data

Telemetry and working data can be stored in you JETIBOX PROFI's internal memory for later use. Data recording can be set to be started manually or to automatically start when your JETIBOX PROFI is switched on. When data recording is started a new data record containing time, date and profile name is created.

The following data, if available, is stored to this new record:

EX telemetry data from the "Ji" input and from sensors connected to your receiver

Receiver working data – antenna signal strength, receiver voltage, etc

Transmitter channel inputs – decoded from the transmitter input using “Transmitter” wireless mode or from the receiver input using “Terminal” wireless mode

#### Data recording, manual start:

To manually start/stop data recording press and hold the “Up” button while in one of the desktops. When recording begins the recording status line icon will change from square to round and begin to flash. At the same time a window appears displaying both a warning and the record number for the current recording. To stop recording, press and hold the “Up” button.

#### Data recording, automatic start:

1. Switch ON your JETIBOX PROFI
2. Push the ESC button to access the main menu, select Set-up and press the ENTER button.
3. Select the Main menu and press the ENTER button.
4. Under Auto. Storage, select “YES”. Your JETIBOX PROFI will now begin recording automatically every time it is switched on.
5. To stop recording, press and hold the “Up” button.

### **10.3 Real Time Telemetry Display using a PC**

Your telemetry data can be viewed in real time on a PC by connecting your JETIBOX PROFI to a PC using a USB cable and starting the Flight Monitor program. (See Chapter 16) The Flight Monitor program displays your telemetry data in real time and allows you store the data to your JETIBOX PROFI for future use.

The following data, if available, is displayed in real time:

EX telemetry data from the “Ji” input and from sensors connected to your receiver

Receiver working data – antenna signal strength, receiver voltage, etc

Transmitter channel inputs – decoded from the transmitter input using the Tx Module wireless mode or from the receiver input using the Monitor wireless mode

## **11. 1<sup>st</sup> Generation Telemetry**

Your JETIBOX PROFI can be used to record and display 1<sup>st</sup> generation Duplex telemetry data.

### **11.1 Displaying**

In the desktop status line there are two telemetry display menu icons.

One is “Ji” and the other is “Ti”.

The “Ji” menu displays telemetry data from equipment connected to your JETIBOX PROFI using the “Ji” input connector. (like the Jetibox and Jetibox mini) If there is nothing connected to the “Ji” input connector when the menu is selected then the display will show: “Equipment not connected!”

The “Ti” menu contains transmitter module information.

When you are operating your JETIBOX PROFI in the “Tx Module” wireless mode you can use the “Tx” menu to view/adjust the sensors connected to your receiver and also to see information about your transmitter module. Use the Left/Right buttons to browse through the upper menus and use the Down button to enter your selected menu. Press and hold the Up button to return to the highest menu level. The “Rx” menu allows you to wirelessly access the receiver menu. (See your Duplex receiver instructions) The “Mx” menu allows you to wirelessly access the menu for telemetry sensors connected to your receiver. The last display in the upper menus is an extended telemetry menu which displays receiver working information in the first line and telemetry sensor information in the second line.

When you are operating your JETIBOX PROFI in the “Monitor” wireless mode telemetry data is accessible if your transmitter has been properly bound (See Chapter 7.1) AND your transmitter is communicating with your receiver. Remember, in this mode your JETIBOX PROFI can only see and display any data. You can not adjust any of the values and not all menus will be accessible.

## 11.2 Recording Data

In the “Ji” or “Ti” menu you can start recording by pressing the ENTER button. If no recording has already been started a new record will be created and begin storing the two text lines as displayed. Unless you manually stop it, recording continues even if you leave the menu.

There are two ways to stop the recording:

1. Switch off the JETIBOX PROFI
2. Manual stop by pressing the ENTER button while still in the menu.

## 12. 1<sup>st</sup> Generation System and EX System

Your JETIBOX PROFI is compatible with both 1<sup>st</sup> generation Duplex and Duplex EX.

This Chapter describes how telemetry is received by your JETIBOX PROFI and will show different configurations and combinations of 1<sup>st</sup> generation and EX equipment.

All Duplex receivers and transmitter modules can transfer EX system telemetry.

Let’s look at several examples of sensor and expander combinations. In these examples the transmitter module is communicating with the receiver and the JETIBOX PROFI runs in the “Monitor” mode, i.e. the JETIBOX PROFI only listens to the communication. In these examples the actual wireless mode selected will not matter. Your JETIBOX PROFI will behave exactly the same. Your JETIBOX PROFI always receives working information (receiver voltage, antenna signal strength, etc.) from the receiver, regardless of the receiver version.

1. The 1<sup>st</sup> generation telemetry sensors are connected directly to the receiver. In this example your JETIBOX PROFI receives only 1<sup>st</sup> generation telemetry.
2. The EX telemetry sensors are connected directly to the receiver. In this example your JETIBOX PROFI receives EX telemetry.

3. The EX telemetry sensors are connected to the receiver by using an E4 Expander. In this example your JETIBOX PROFI receives only 1<sup>st</sup> generation telemetry.
4. The EX and 1<sup>st</sup> generation sensors are connected to the receiver by using an EX E4 Expander. In this example your JETIBOX PROFI receives EX telemetry from the first sensor and 1<sup>st</sup> generation telemetry from the remaining sensors

### 13. Main Menu – Alarms

In the Alarm menu you can assign sounds to events and when the event happens your chosen sound will play. You may, for example, record your own sounds into your JETIBOX PROFI to be played when you bind equipment or if you reach your maximum current setting. This menu is divided into two sections: JETIBOX PROFI alarms and Sensors alarms. At the bottom of the menu is the Alarm status bar. In this illustration the status of the JETIBOX PROFI is shown using the icons in the status bar.

1. Bind Icon: As soon as the JB is connected the icon will appear
2. PPM Error Icon
3. JETIBOX PROFI low voltage icon
4. Receiver low voltage icon
5. Signal Loss icon
6. Weak Signal icon
7. Range Test icon

As soon as an alarm is triggered, a warning appears in the window and the assigned sound begins to play.

#### 13.1 Alarms - JETIBOX PROFI Alarms

Each alarm contains three sections with choices for setup.

**Events:** Binding, PPM Error, JB Voltage, Rx Voltage, Signal Loss, Low signal and Range Test. Use the Left/Right buttons to scroll through the events.

**Priority** – This is how frequently an alarm repeats its alert

High- Alarm repeats every 7.5 seconds

Medium- Alarm repeats every 15 seconds

Low- Alarm repeats every 22.5 seconds

**Sound** – This is the name of the sound file played for the selected alarm. By pressing the ENTER button on this item you will display a list of sounds and their approximate lengths, in seconds, which are stored in your JETIBOX PROFI memory. Use the UP/Down buttons to select a sound. Press the Right button to play the selected sound.

#### 13.2 Alarms – Sensor

By default, the sensor alarm sounds are signaled in Morse code.

In this menu you can assign any sound from your JETIBOX PROFI memory to each of the Morse code letters. For instance, if you are using an MUI to measure current and you set the capacity alarm to a value of 300mAh, the sensor will generate the Morse code “C” as the alarm if this value is exceeded. When your JETIBOX PROFI receives this alarm from the sensor it will play the sound that you have assigned to the Morse code letter “C”. It is possible to assign most of the sensors a letter which is signaled in case of an alarm. This chart shows the factory default Morse code letter for each of the sensors.

In the first column you see the alphabet. The second column shows the EX sensor alarms. The third column shows the 1<sup>st</sup> generation alarms. For example, the first line shows that the letter “A” is the default signal used for an altitude alarm with the EX sensors MVARIO and MGPS.

## 14. Main Menu – Memory

In the Memory menu you will find an overview of memory capacity as well as a function for telemetry recording. In the center of the menu there is always a capacity indicator for the given section. On the left side, just under the upper bar, you will find the name of the current memory section and on the right side you will see the capacity expressed as a percent. Below a horizontal line you will find these menu items:

**New Record** – When recording (storing) telemetry a new record is created

**Delete** – This completely deletes (clears) all of the telemetry data

**Number of Records** – This shows the number of records (telemetry) stored in the memory

**Number of Files** – This shows the number of files (sound) stored in the memory

## 15. Main Menu – SET-UP

Use this menu to completely set up or configure your JETIBOX PROFI. The SET-UP menu is divided into 8 sections. Use the ENTER button to access your selected section. In these sections any value change is effective immediately after you make the change. Use the ESC button to leave the menu and save your changes. For some changes you will be prompted to confirm your choices. Be very careful making set up changes while your JETIBOX PROFI is in operation.

### 15.1 SET-UP – Duplex

Use this section to set up the Duplex 2.4GHz wireless module of your JETIBOX PROFI.

**JETIbox Mode** – Wireless mode selection (See Chapter 7). Note: Changing the wireless mode will disconnect previously selected mode.

**Binding** – Starts the binding process (See Chapter 7).

**Range Test** – Starts the range test mode. In this mode your JETIBOX PROFI is put into range test mode and the transmitter output is reduced to less than 10%. The assigned sound also plays indicate its status. To exit range test mode press the ENTER button again. Your JETIBOX PROFI will return to normal status and the transmitter power output will return to normal as well.

**Input Signal** – Set up of the PPM signal of the transmitter. Most transmitters use PPM signals.

- PPM set up for the majority of transmitters
- Use PPM V2 or V3 only if your transmitter allows you to switch to another PPM mode. This mostly applies to transmitters which are able to more than 8 channels in PPM mode (example: 12 channels).

**Transmitted Power** – Here you can adjust the transmitted power of the wireless module. (The maximum transmitter power varies from country to country. Check with your local authorities.)

- **10mW** – The whole 2.4GHz band is transmitted at a maximum 10mW
- **100mw** – The whole 2.4GHz band is transmitted at a maximum of 100mW (recommended)
- **10mW/100mW** – Part of the 2.4GHz band is transmitted at 10mW and part of the 2.4GHz band is transmitted at 100mW (France)

**Transmitter ID** – Displays the transmitter ID number for the last transmitter bound to your JETIBOX PROFI.

**Receiver ID** – Displays the receiver ID number for the last receiver bound to your JETIBOX PROFI.

## 15.2 SET-UP – Sound

Use this menu to set up your sound output parameters.

**Speaker Loudness** – Your speaker volume can be set (1-9) or you can mute the volume here. The speaker is automatically disconnected when earphones are plugged in.

**Earphone Loudness** – Your earphone volume can be set (1-9) here. The speaker is automatically disconnected when earphones are plugged in.

**Key Tones** – Turn on/off the sound generated when you press a button.

## 15.3 SET-UP – Battery

Set up battery charge management and display of input voltages.

**Charging via TX** – This controls whether the internal battery of your JETIBOX PROFI is charged when voltage is supplied through the Ti connector. This setting will allow you to prevent charging of the internal battery when your JETIBOX PROFI is connected to a transmitter. During use, your JETIBOX PROFI will be powered by the transmitter battery but its internal battery will not be charged.

**Auto Switch Off** – Allows your JETIBOX PROFI to automatically shut down if voltage is disconnected from any input. Select “No” to disable this function.

**Battery Voltage** – Displays actual internal battery voltage

**USB Voltage** – Displays actual USB voltage. The minimum input voltage is 4.5V and the maximum input voltage is 5.5V. The voltage range is shown by the bar graph.

**Input Ji Voltage** – Displays the actual voltage at the Ji input. The Ji input can be used either as an output with a voltage of 5.0V to 5.3V or as a charging input with a range of 5.7V to 20V.

**Input Ti Voltage** – Displays the actual voltage at the Ti input. The minimum input voltage is 5.0V and the maximum input voltage is 20V. The voltage range is shown by the bar graph.

#### 15.4 SET-UP – Profile

Your JETIBOX PROFI uses an automatic profile system. The profiles are activated according to receiver ID numbers. This system also works when your JETIBOX PROFI is used in the Tx Module wireless mode. As soon as your JETIBOX PROFI establishes communication it loads the profile associated with your receiver ID number. (See fig. below) All desktop customizations made in any profile are stored within that profile. Once you establish communication using one of the wireless modes and set up your desktop, any time you communicate with that same receiver, the desktop will display with your customizations. When you switch it on, your JETIBOX PROFI automatically loads the last profile that was used.

The active profile name is displayed in a central window while the profile is being loaded.

All profiles may be renamed. From the main menu, first select SET-UP and then PROFIL. Press ENTER to select Rename. Use the Up/Down buttons to change the character in the highlighted space. Use the Right button to confirm your selection and move to the next space. Use the Left button to delete a character. Press the ENTER button to save your new name. Press ESC several times to return to the desktop.

#### 15.5 SET-UP – Display

Set up for the backlight and display.

**Backlight** – Set your backlight brightness in steps of 10-100%

**Backlight Switch Off** – Set the time your backlight stays lit after the last button press.

- Off – backlight is always off
- 5s-30s – duration, in seconds, your backlight remains lit after your last button press
- Never – backlight always on

**Contrast** – Set your display contrast 0-100%

**Using the backlight will dramatically increase the power consumption of your JETIBOX PROFI. If the backlight is always on then you will have to charge the internal battery much more frequently.**

### 15.6 SET-UP – Time

Use this screen to set the time and date. If your JETIBOX PROFI has been switched off at the battery switch for long term storage, (See Chapter 5) you must re-set the time and date when the battery switch is turned back on. Time and date are inserted into the telemetry data as a reference for when you are viewing the records. Use the UP/Down buttons to increase or decrease the value for each position. Use the Left/Right buttons to change between positions.

### 15.7 SET-UP – Upgrade

Use this menu to view information about your JETIBOX PROFI such as serial number and software version. In this menu you can also allow updates to your JETIBOX PROFI firmware. For more information on how to upgrade see Chapter 16.

### 15.8 SET-UP – Main

Use this menu for general setup items such as Language, Basic JETIBOX PROFI setup and Automatic Storage setup.

## 16. Connect your JETIBOX PROFI to a PC

By connecting your JETIBOX PROFI to a PC you can easily read and manipulate telemetry data, record your own music/sound files, follow on-line telemetry and update your firmware. Unless you have already connected a JETIBOX PROFI or Jeti USB adapter to your PC, you will need to install the appropriate drivers. If you have already installed the appropriate drivers, your PC should automatically recognize your JETIBOX PROFI and you can immediately start the JETIBOX PROFI service program.

To install drivers onto you PC:

1. Connect your JETIBOX PROFI to the PC using a USB cable.
2. Install the appropriate drivers. In more recent PC operating systems the drivers are automatically installed when you connect your JETIBOX PROFI. You may also find the drivers on our website, [www.jetimodel.com](http://www.jetimodel.com) .
3. Download the JETIBOX service program from our website, [www.jetimodel.com](http://www.jetimodel.com) and follow the program instructions.

## 19. Battery Replacement

Your JETIBOX PROFI contains a rechargeable battery which may be recharged often. By its nature, the battery will give a certain number (several hundred) of charge/discharge cycles and can NOT be replaced by the user. Your JETIBOX PROFI must be returned to the manufacturer for battery replacement.

## 19.2 Safety Policy

- Operation at extreme hot or cold ambient temperatures can decrease the lifespan of your JETIBOX PROFI. A sudden change from a cold to a hot environment may cause condensation to form inside your JETIBOX PROFI
- Try to use your JETIBOX PROFI in a dry environment. Humidity inside your JETIBOX PROFI may induce corrosion of its electronic parts. If you notice moisture or condensation inside your JETIBOX PROFI, switch it off immediately and dry it thoroughly.
- Avoid using your JETIBOX PROFI in dusty environments.
- Do not open your JETIBOX PROFI or make any unauthorized modifications. This may damage your product or cause it to violate radio system operation laws.
- Do not expose your JETIBOX PROFI to hard shocks like falling to the ground, etc. This may damage electronic or mechanical components.
- Avoid using magnets or otherwise exposing your JETIBOX PROFI to strong magnetic fields.
- Only charge your JETIBOX PROFI using the specified voltage ranges from sources with sufficient power supply.
- Your JETIBOX PROFI can only be repaired by an authorized service center. Unauthorized repairs or service will void the warranty.

## 20. Warranty, Service and Technical Support

See the manufacturer's website: [www.jetimodel.cz](http://www.jetimodel.cz)

### 20.1 Warranty and Service

The product is covered by a 24 month warranty from the date of purchase on the assumption that it has been operated correctly and with the proper voltage according to these instructions and that it does not show mechanical damage. In case of a claim, always include a purchase receipt with the product. Warranty and Out-of-Warranty repairs are performed by the manufacturer.

### 20.2 Technical Support

If you are not sure you can correctly set-up and operate your Jeti equipment by yourself, please contact our technical support. You may find our technical support at either your distributor or directly from the manufacturer, Jeti Model. For further information, see our website: [www.jetimodel.cz](http://www.jetimodel.cz)

