SOUL

Operating Manual

P910B

Portable Wireless Entertainment System

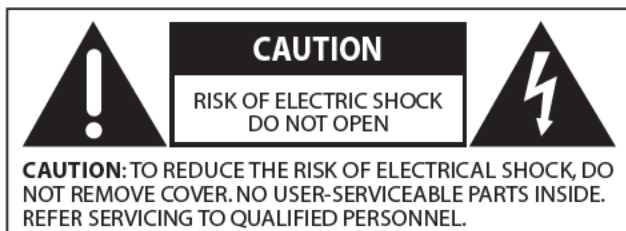**Bluetooth®**   **KLEER***Net*™   apt**X** csr   **PASC**   USB   **FM RADIO**

Important Safety Instructions

CAUTION:
PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS GIVEN IN THIS OPERATING MANUAL AND THOSE MARKED ON THE UNIT. PLEASE KEEP THIS MANUAL FOR FUTURE REFERENCE AND USE.

This product has been designed, engineered and manufactured with the highest priority on safety. Improper use can result in electric shock and/or fire. In order to prevent potential danger, please observe the following instructions when installing, operating and cleaning the product. To ensure your safety and prolong the service life of your product, please read the following precautions carefully before using the product.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

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 source, such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding–type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wider blade or third prong are provided for your safety. If the provided plug does not fit in 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. Unplug this apparatus during lighting storms or when used for long periods of time.
13. 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.
14. To prevent risk of fire or electrical shock, avoid overloading wall outlets, extension cords, or integral convenience receptacles.
15. Do not let objects or liquids enter the product.
16. Use proper power sources.

    ⚠ **CAUTION:** This device is powered by an AC/DC adapter. Only use the AC/DC adapter that was supplied with this unit. Do not use any other adapter as it may cause damage to the unit and or could cause injury to the user. If you lose your AC/DC adapter or it is damaged please contact Soul Electronics customer service department by phone at **1-800-566-7685** or via email at **service@soulelectronics.com**

1.

Compliance with FCC rules (U.S.A., only)
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTICE
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, this is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.
- Connect the equipment to an outlet on a different circuit than the one to which the receiver is connected.

FCC WARNING
- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
- Proper connections must be used for connection to a host computer and/or peripherals in order to meet FCC emission limits.

Ni-MH Batteries Safety Instructions

Your Party in a Box uses an "Optional" Ni-MH battery pack. Misuse can result in the batteries short-circuiting, the insulator melting and damage to the safety valves or safety mechanisms, leading to leakage, heat generation, or rupturing. **Please observe the following precautions when using batteries.**

- Do not dispose in fire or expose to high temperature.
- Do not under any circumstances insert the batteries with the positive and negative poles reversed.
- If the connection with the charger does not operate correctly, do not force the battery in, but instead check the direction of the positive and negative poles.
- Do not directly connect the batteries to power outlets or car cigarette lighter ports.
- Do not connect the positive terminal and the negative terminal with metals such as wire. Also, do not store or carry the batteries with metal necklaces, etc.
- Do not disassemble or modify the battery.
- Do not directly solder the battery.
- In charging, use only the charger (AC/DC Adapter) that was provided with the product when purchased. **Do not under any circumstances use a substitute AC/DC adapter to power or charge the batteries.**
- This battery is constructed to release internal gases. For this reason, do not alter the (+) terminal.
- This battery contains an alkaline liquid. If this liquid comes in contact with the eyes, this may lead to loss of sight. Without rubbing the eyes, immediately wash them with clean water and consult a doctor.

- Do not use the battery if it shows signs of leakage, a change of color or shape or any other changes in appearance.

- Do not wet the battery or place it in water or sea water. This may lead to the battery generating heat or rusting.

- Do not remove or damage the coating tube. This makes it easy for the battery to short-circuit and may cause leakage or heat generation.

- This battery contains an alkaline fluid. If this fluid comes in contact with skin or clothes, it may cause damage to the skin. So immediately wash it away with clean water.

- Store the battery out of reach of small children.

- Refer to the charger instruction manual concerning charging methods.

- If the battery is rusted, generating heat or shows any other abnormal signs at the time of purchase, take it to the point of purchase without using it.

- When not using the battery, or not using the device for a prolonged period, remove the battery from the device and store it in a dry place between the temperatures of -20°C and +35°C. This prevents leakage, rust and decreased battery performance and service life.

- Do not apply a strong force to the battery or throw it. This may cause leakage or heat generation.

- Do not place the battery in direct sunlight, in hot cars, in front of stoves or other hot places. This may lead to leakage from the battery. Also, this may deteriorate the performance and service life of the battery

- Store the battery out of reach of small children. Additionally, ensure that children don't remove the battery from the Party in a Box.

⚠ **CAUTION:** Use your equipment responsibly. Exposure to excessively loud noise can cause Noise Induced Hearing Loss (NIHL). "The loudness of sound is measured in units called decibels. For example, the humming of a refrigerator is 40 decibels, normal conversation is approximately 60 decibels, and city traffic noise can be 85 decibels. Sources of noise that can cause NIHL include motorcycles, firecrackers, and small firearms, all emitting sounds from 120 to 150 decibels. Long or repeated exposure to sounds at or above 85 decibels can cause hearing loss. The louder the sound, the shorter the time period before NIHL can occur. Sounds of less than 75 decibels, even after long exposure, are unlikely to cause hearing loss."

Source: http://www.drf.org . Additional information about preventing hearing damage may be found from The Consumer Electronics Association http://www.ce.org. World Health Organization http://www.who.int, Environmental Protection Agency http://epa.gov

Keep your PIAB out of reach of small children. This equipment is not a toy and could be harmful to small children. Below is a chart to help you better understand the causes and effects of different sound levels. The noise levels are rated in dB (decibels).

Environmental Noise	Noise Level dB	Possible Effects of Exposure
Quite Library	30 dB	No Effect - Normal
Normal Conversation	60 dB	Comfortable Hearing
City Traffic (inside car)	85 dB	Maximum Level before hearing damage begins. OSHA recommends no more than 8 hours of exposure to sound levels of 90 dB daily.
Power Saw at 3'	110 dB	Permanent Hearing Loss likely due to prolonged unprotected exposure.
Jet Engine at 100'	120 to 140 dB	At 125 dB the human ear begins to experience pain that can lead to permanent hearing loss even during short unprotected periods.

Sources: http://www.drf.org , The Consumer Electronics Association http://www.ce.org. World Health Organization http://www.who.int, Environmental Protection Agency http://epa.gov , and the Occupational Safety & Health Organization http://OSHA.gov

Table of Contents

Introduction

Thank you for purchasing the Party in a Box (PIAB). To ensure proper operation, please read this owner's manual carefully before using the product. After using the manual be sure to keep it for future reference.

Your Party in a Box is a portable wireless entertainment system that can be used indoors and outdoors. It can be powered by the included AC/DC adapter or the optional battery. This manual will cover all of the features of your Party in a Box. Please be sure to follow each of the operational guidelines as described in this manual to ensure the best possible experience from your product.

Note: For future reference in this manual the Party in a Box will be referred to as the PIAB.

Party In A Box Features and Benefits

P910B

• **Omnidirectional 8 Speaker Hybrid System** - Powerful 8 speaker system with side firing dual 6.5" subwoofers, 3" midrange speakers, and 1" tweeters. In addition to front firing dual 1.5" mid-range drivers..

• **Digital Signal Processing** - For precision balancing and mixing of bass, mids and highs. Also allows multiple EQ curves on your PIAB.

• **Bluetooth with aptX® Audio** - Stream music wirelessly from your Bluetooth enabled devices. aptX audio coding delivers CD quality wirelessly over Bluetooth.

• **CD Quality Uncompressed Tri-Band Wireless** - Two-way transceiver allows synching of more than one PIAB, wireless speakers and other sources.

• **FM Radio with RDS** - Listen to your favorite FM stations. RDS tuner displays the artist name and song on your display when the station is broadcasting in RDS. External FM antenna and memory pre-sets.

• **Auxiliary Audio Input** - Allows connection of most audio devices through the built-in 3.5mm audio input.

• **Balanced Microphone Input** - For high-quality Voice/PA.

• **Karaoke** - Allows users to sing along with their favorite songs.

• **Headphone Jack** - For connecting your favorite SOUL headphones when private listening is required.

• **USB Charging Port and Media Playback** - Allows for charging of mobile devices through the USB port and playback of audio files through a USB stick.

• **Programmable Multi-Color Perimeter Light** - For setting the perfect mood or ultimate party.

• **VU Analogue Meters** - The VU meters display the current voltage output of the PIAB. Watch the needles jump back and forth with the music playing on the PIAB.

• **IR Remote Control** - Control the PIAB from the comfort of your bed or couch.

• **On Board Controls** - Full function controls located on your PIAB.

• **LCD Panel** - Displays the current function on an easy to read display panel.

• **Carry Handle** - Convenient carry handle makes it easy and safe to transport your PIAB from place to place.

• **AC/DC Power** - 110V to 240V AC 50/60 Hz power supply allows you to use the PIAB in most locations around the world.

• **Side Mounted Guitar Pins** - Fit any standard guitar strap to easily carry PIAB over shoulder.

• **Rechargeable Batteries** - (Optional) Rechargeable batteries gives the PIAB true portability when AC power is not available such as the beach or park.

Unpacking

Carefully unpack your PIAB portable entertainment system. Save the box and all of the packaging materials for possible future use. The original packaging materials provide the safest way to transport the PIAB if needed. If any of the product or accessories appear damaged, do not attempt to use them. Notify Soul Electronics customer service department at 1-800-566-7685 or service@soulelectronics.com. They will assist you with any problem you may have encountered.

Box Contents

Your PIAB includes the following items shown below. If any item is missing or damaged please contact our customer service department for assistance.

| PIAB P910 | AC/DC Adapter | FM Antenna | Remote Control | Owner's Manual |
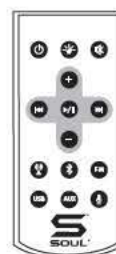
Optional Battery Pack

Soul Electronics offers an optional battery pack that may be purchased on our website at **http://www.soulelectronics.com**.
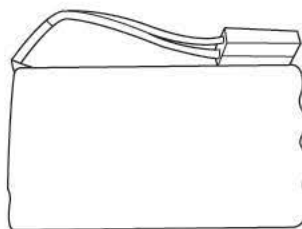
Ni-MH Rechargeable
Battery Pack

Power ON/Mute/OFF Button

On the upper left hand corner of the PIAB is a power On/Mute/Off button. After switching the main power switch on (Figure 1 on page 9) you can then use the On/Mute/Off button going forward. You can turn the unit on by pressing and releasing the button. Once the unit is on you can mute by pressing and releasing the button once more. You will see a speaker symbol with an X across it representing the unit is mute. To unmute press and release the button again. To power off press and hold the button for 2 seconds until you see the display say "Standby Mode".

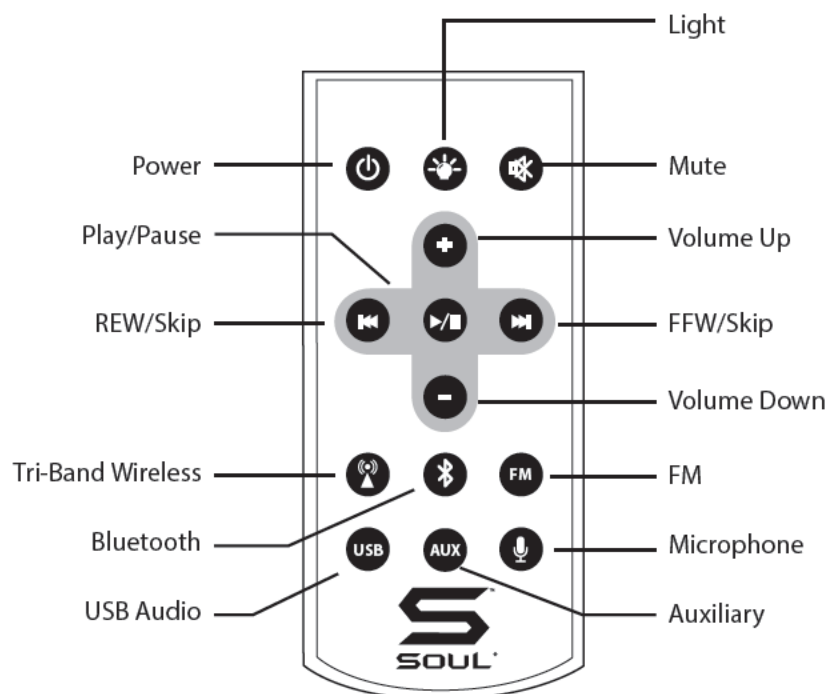## Installing and Replacing Battery on Your Remote Control

The PIAB remote control includes a lithium Ion 3V battery. To install follow diagram below. To replace the battery you will need a 3V CR2025 replacement battery. Please follow the diagram below for proper replacement of the battery.

Tab

Battery
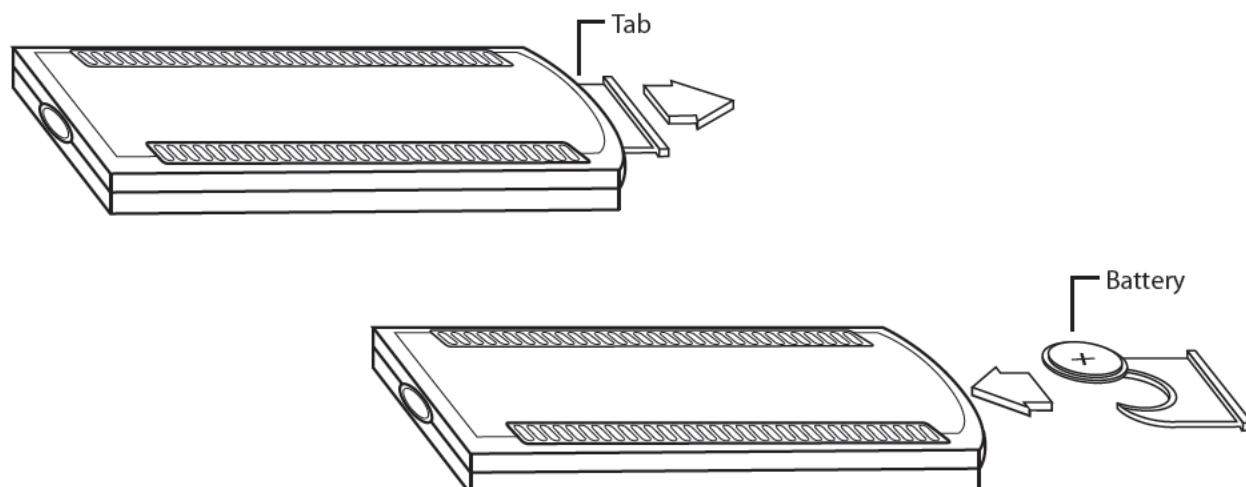
Remote Control

Your Party in a Box includes a remote control that will allow you to operate most of the common functions of the PIAB. This remote operates on an IR (infrared) signal and has an operational range of approximately 20 feet from your product. Since the remote is IR you must point directly at your PIAB for it to receive the signal. Below is an image of the remote for your PIAB and a description of each function.

P910B Remote

	Light
Power	Mute
Play/Pause	Volume Up
REW/Skip	FFW/Skip
	Volume Down
Tri-Band Wireless	FM
Bluetooth	Microphone
USB Audio	Auxiliary

SOUL

NOTE: The infrared receiver on your PIAB is located to the right of the LCD display.

7.

On/Mute/Off Button

Volume Up/ Down Buttons

Front Panel Control Buttons

LCD Display

IR Receiver

VU Meters (Volume Meters)

Front Firing Speakers

Carry Handle

Guitar Strap Pin

Side Firing Speaker Output

Reset Button

FM Antenna Jack

Headphone Output

USB Input

Main Power Switch

AC/DC Input Jack

Microphone Input

Auxiliary Input

8.
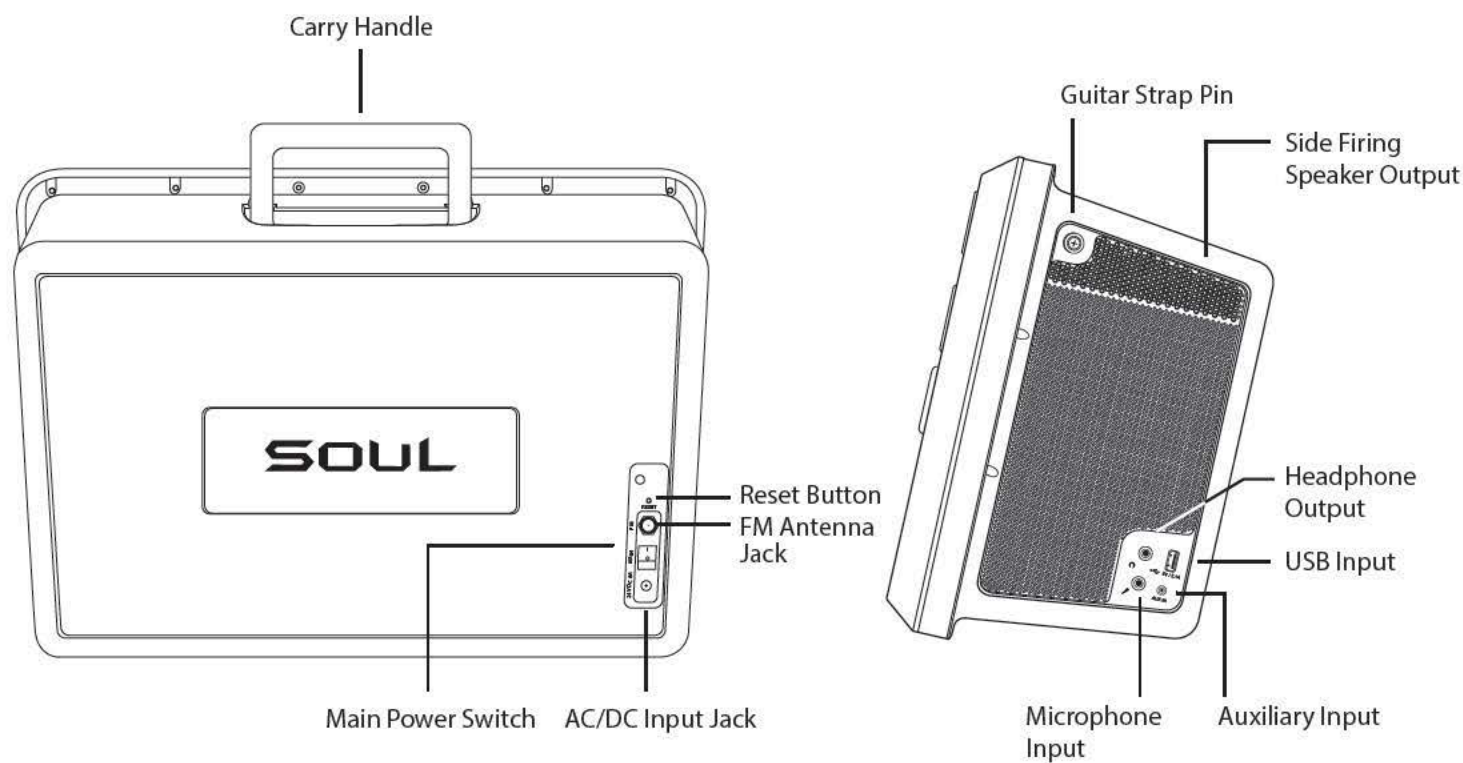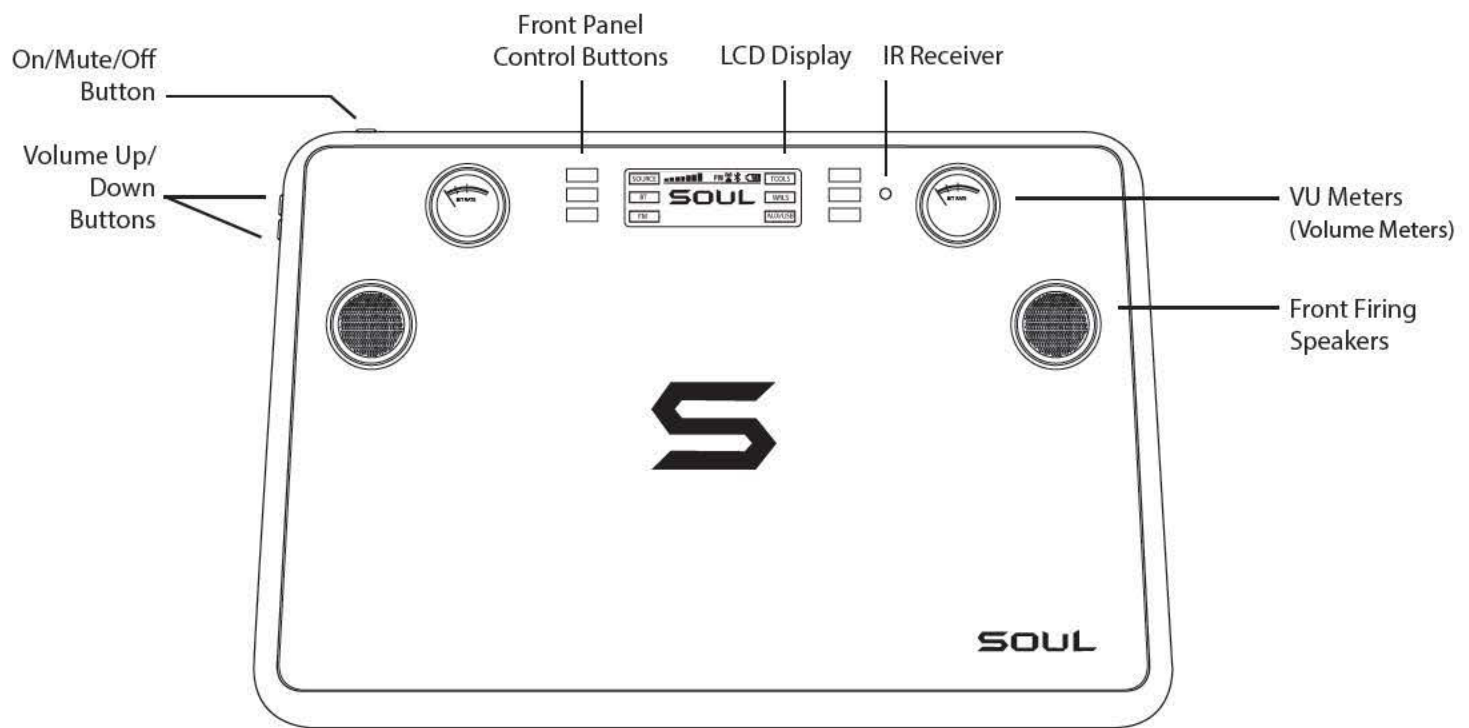
Turning On the PIAB

Once you have unpacked your PIAB it is time to connect the AC/DC power adapter and start enjoying all the benefits of your PIAB. On the back of your unit there is a dust cover that leads to the DC input jack and the main power switch. Flip the dust cover open. Please note that the dust cover is attached by two tethers to prevent losing the cover. Do not try to permanently remove the dust cover. Connect the coaxial jack (Figure 1) from the AC/DC adapter to the "DC In" on the back of the PIAB. Connect the AC power cord to the AC/DC adapter. Now connect the three prong AC plug to your AC wall outlet. Flip the power switch to the on position on the back of the PIAB just above the "DC In" jack. Your unit will power up and the display will show the software version number and then the start up menu..
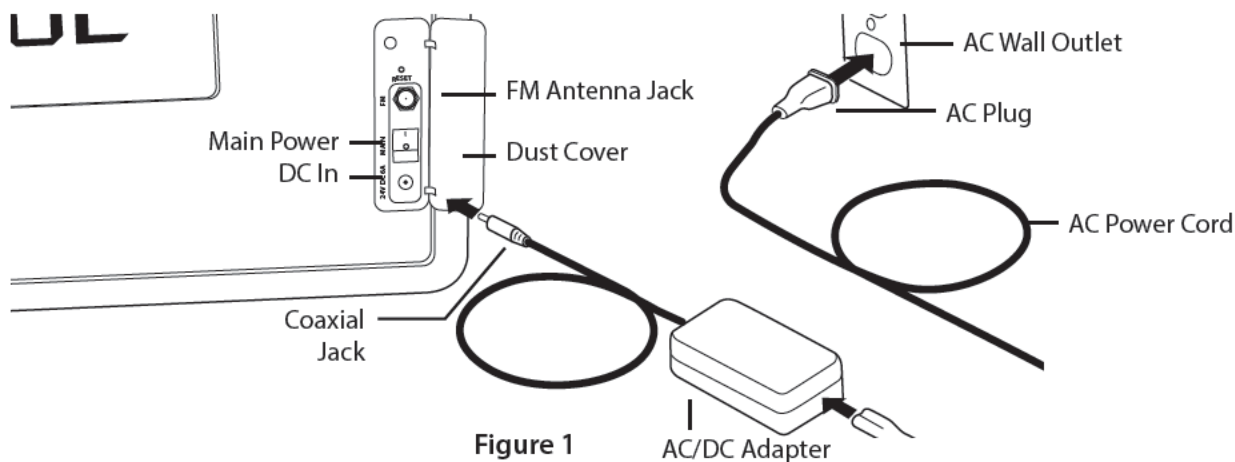
Figure 1

Start-Up & Tool Menus

The start-up and tool menus will give you access to the functions of your product (Figures 1a & 1b). From these menus you will be able to access all of the set-up functions as well as connect your audio device/s to the PIAB.

Start-Up Menu — **Figure 1a**
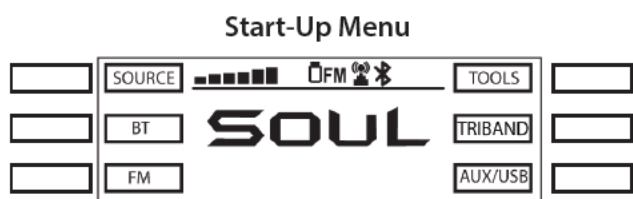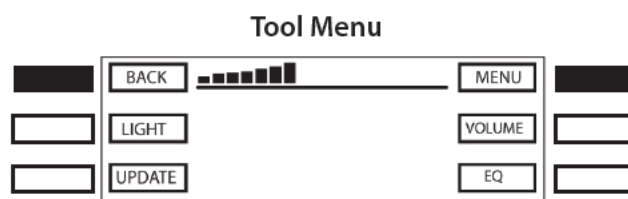
Tool Menu — **Figure 1b**

- **Source** – This function will take you to the main audio source menu. From there you can choose between the different source options available in the PIAB.

- **Tools** – This function will take you to the main set-up menu. From there you can set the start-up volume level, light functions, EQ settings and perform firmware updates on your PIAB.

- **BT** – This function is a shortcut to the Bluetooth menu. From there you will be able to link your Bluetooth enabled audio device to the PIAB.

- **Tri-Band** – This function is a shortcut to the Tri-Band Wireless menu. From there you will be able to choose from multiple wireless transmitters.

- **FM** – This function is a shortcut to the FM menu. From there you will be able to tune, scan, store and re-call FM pre-sets.

- **Aux/USB** – This function is a shortcut to the Auxiliary and USB menus. From there you will be able to select either the Auxiliary input or USB audio input.

Back and Menu Buttons

Most menu displays in the PIAB have a **BACK** button and a **MENU** button (Figure 1b). Those buttons will allow you to conveniently go back to the previous screen or to the main start-up menu.

Bluetooth® Audio Source

From the start-up menu you can select the **BT** shortcut button (Figure 2) once selected the display will change to the Bluetooth pairing menu (Figure 3). Within a couple of seconds you will see the words **Bluetooth Ready** in the middle of the display. At this time the PIAB is ready to be paired with your Bluetooth enabled device.
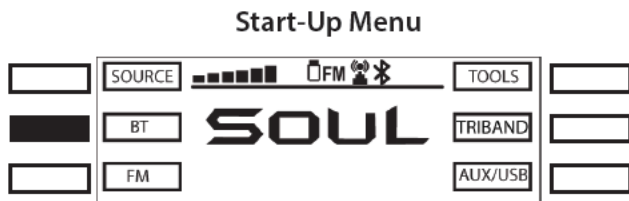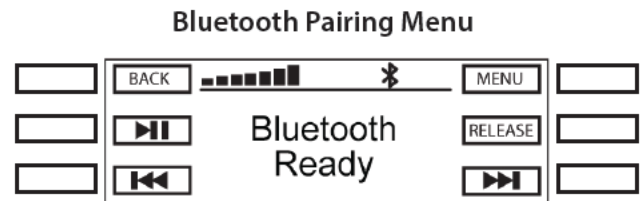
Start-Up Menu

Figure 2

Bluetooth Pairing Menu

Figure 3

From your Bluetooth enabled device select the Bluetooth pairing mode. The Bluetooth device name for the PIAB is **Soul BT.** Select the Soul BT option, once selected the PIAB and your audio device will pair. Once paired you should see either your name (only if you have set-up your device with your name) or the name of the actual device, for example Nexus One or Samsung Galaxy, etc. From the Bluetooth pairing menu you can control Play/Pause ▶❚ , FFD/Skip ▶▶❙ or REW/Skip ❙◀◀ functions of your device. You can also control those functions from your audio device. When you are done you can either turn off the Bluetooth mode on your audio device or select **Release** on the Bluetooth pairing menu. Once you have disconnected the display will say **Bluetooth Ready** and you can either pair again or allow a second device to pair with the PIAB. **Note:** You can also access the Bluetooth pairing menu as well as any of the short cut menus through the **Source** option on your start-up screen.

Wireless Tri-Band Source

Your PIAB has the option of becoming a wireless audio signal transmitter or a receiver. The PIAB uses KleerNet™ wireless technology that can receive or transmit an uncompressed CD quality signal between 30 and 100 feet. The transmitting and or receiving distance depends on whether the units are being used indoors or outdoors as well as other wireless signals that may interfere with its range. The benefit of KleerNet is that it will transmit and or receive a signal using three different bands (2.4, 5.2 and 5.8 MHz) switching to the clearest band and channel available. The results are always the best and clearest sound possible. You can transmit from your PIAB to another PIAB or other devices that can be found on the KleerNet website at http://www.kleernet.com. Your PIAB can actually receive signals from up to 3 devices and 12 channels at the same time and you can select which device and channel source you want to play. You can only play one channel at a time but can switch between devices and channels as desired. You can link up to 8 PIAB's at one time with one transmitting PIAB and 7 receiving PIAB's.

First select your audio signal source such as Bluetooth, Aux, FM, USB or Microphone. Once you have selected your source and begun playing your music then return to the start-up menu and select the **Tri-Band** shortcut button (Figure 4), the display will change to the Tri-Band pairing menu (Figure 5). You should see a **TX** in the middle of the display indicating that the PIAB is in transmitting mode. Please note that you will probably have a split second sound cut off while the PIAB switches to Tri-Band mode. From there you will have the option of switching from transmitting mode to receiving mode, pairing with another device and selecting playback mode. From receiving mode you will be given the option to select from up to three different transmitter sources and 12 channels. In either receiving or transmitting modes you will also be given the option to select if you want the PIAB to play in Stereo (Left <u>and</u> Right Channel) or in Mono (Left <u>or</u> Right Channel).
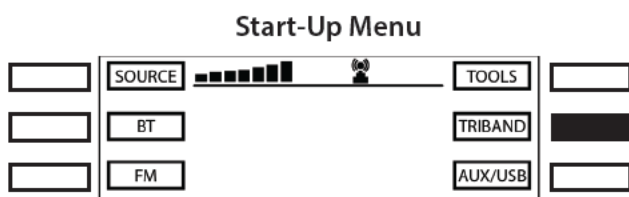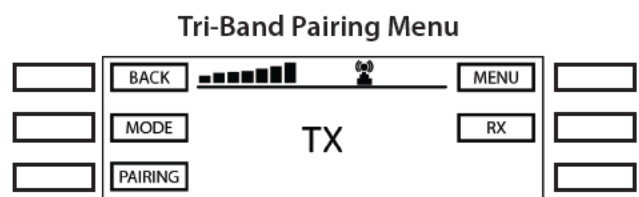
Start-Up Menu

Figure 4

Tri-Band Pairing Menu

Figure 5

If you are using your PIAB to transmit a signal to another source such as another PIAB or other product with an open KleerNet protocol then you are ready to pair with the receiving device. If the PIAB is in receiving mode from prior use select the **TX** button from the menu. The menu will now display **TX** in the center of the display (Figure 5) and will also show the options for **Mode** selection (Stereo or Mono). In addition you will see the **Pairing** button that will allow you to link to another device and the **RX** button that will allow you to change your PIAB from transmitting to a receiving mode. If you plan to receive an audio signal from another source such as another PIAB or other KleerNet enabled device then you will select the RX button (Figure 6) from the menu. The new menu will now display **RX Disconnect** in the center of the display (Figure 7) and will also show the options for **Mode** selection (Stereo or Mono) of the PIAB. In addition you will see the **Pairing** button that will allow you to link to another device and the **TX** button that will allow you to change your PIAB from a receiving to a transmitting mode. Finally you will see a Link button that will allow you to select from up to three different transmitting sources.

Tri-Band Pairing Menu

Tri-Band Pairing Menu
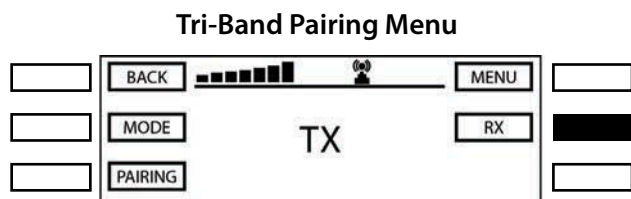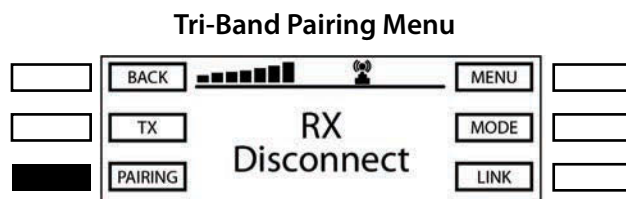
Figure 6

Figure 7

Note: Each source must be paired with the PIAB by pressing the **Pairing** button on the PIAB (Figure 7) and your device. Once the connection has been made you will see the display change to **RX Connected** (Figure 8). If you have previously linked your PIAB to another device you should not be required to link again. In the event that the link has been lost or erased then follow the steps above to link again.

The next step in the receiving mode is to link your PIAB with one of the transmitting sources available to you. From the Tri-Band pairing menu select the **Link** button (Figure 8), once selected your display will change to the Tri-Band link menu (Figure 9).
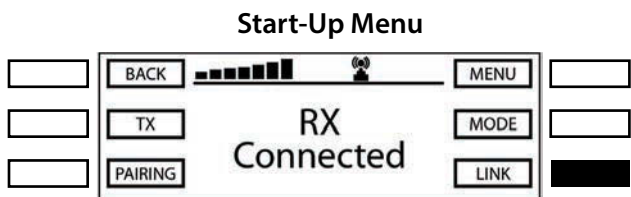
Start-Up Menu

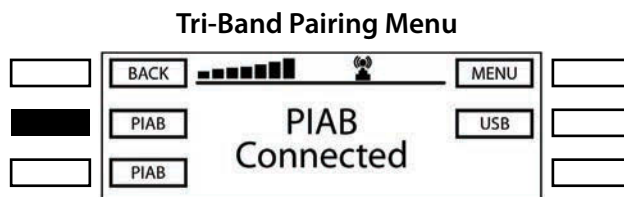**Tri-Band Pairing Menu**

Figure 8

Figure 9

After Selecting one of the three sources (Figure 9) the display will change to the selected Link menu (Figure 10). From this menu you will be able to select between channels 1, 2, 3 and 4. After selecting the desired channel your PIAB will be ready to receive the audio signal source from that channel. To listen to another channel simply select a different channel from the Link Menu. **Note:** if the transmitting source is only broadcasting one channel the above option will not be necessary. Also if there is no signal source detected the PIAB will not change menus.
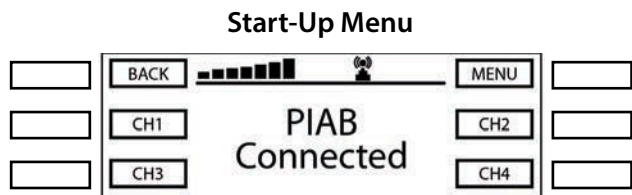
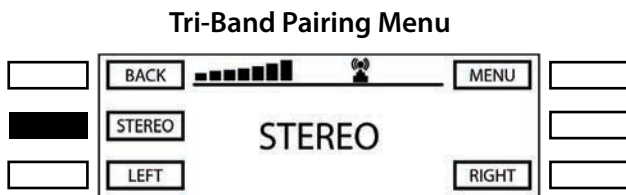**Start-Up Menu**

Tri-Band Pairing Menu

Figure 10

Figure 10B

If you are using multiple PIAB's you have the option of setting each unit to play in Stereo (Left **and** Right Channel) or in Mono (Left **or** Right Channel). The PIAB will always play in Stereo unless you select Mono in the Audio Mode Menu. From the Tri-Band Pairing Menu's (Figures 6 or 7) you can select the **Mode** Button that will take you to the Audio Mode Menu

11.

(Figure 10B). From there you can change the Audio Mode to play just the left channel or the right channel and you can change back to Stereo as well. Once you have selected the channel you want to play the display will say Stereo, Left or Right in the center of the display. This feature is beneficial when you have more than one PIAB and you want to set them close to each other but also want to hear a true channel separation during playback.

FM Source

From the start up menu you can select the **FM** shortcut button (Figure 11) once selected the display will change to the FM menu (Figure 12) where you can choose between the FM tuning menu and the Presets menu.

Start-Up Menu

Figure 11

FM Menu
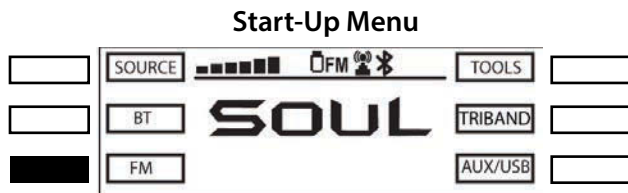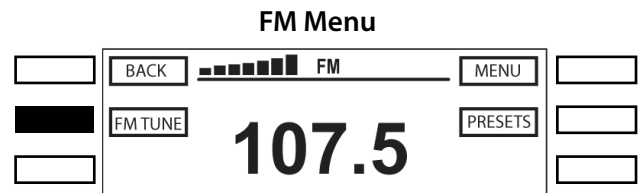
Figure 12

Selecting the **FM Tune** button (Figure 12) will take you to the FM Tuning Menu (Figure 13). From there you will be able to change the station frequency up or down one step at a time. If you hold the tune up ▲ or tune down ▼ button for two seconds the frequencies will change faster until you release the button. You can also scan to the next active station automatically by pressing the scan up ▲ or scan down ▼ buttons (Figure 14). In order to automatically change stations again press the scan button once more.

FM Tuning Menu

Figure 13

FM Tuning Menu
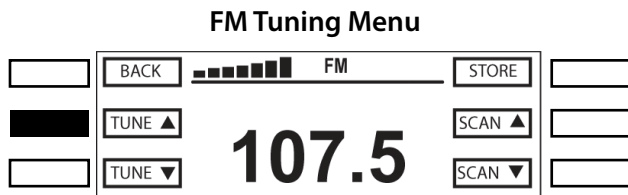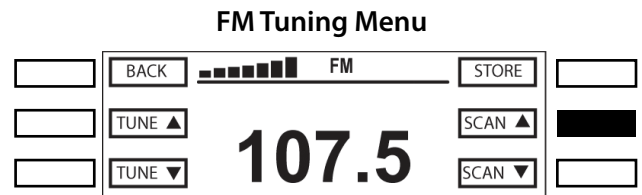
Figure 14

Storing and Re-calling Your Favorite FM Stations

The PIAB has two memory banks that can store up to 4 stations each. Once you have tuned to one of your favorite stations you are only a few steps away from storing that station into memory. From the FM Tuning menu you will select the **Store** button (Figure 15). The display will change to the **FM1** memory bank (Figure 16). From this menu you will hold down the button for two seconds next to the location you want to store that station. If all the banks are used then press the **FM2** button which will take you to **FM2** memory bank. If all of the memory banks are used you can store over an existing location by pressing the button down for two seconds. Please note once you have stored a new station over an existing memory location the previous station will no longer be available from your stored presets.
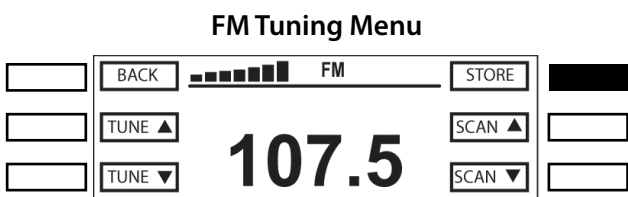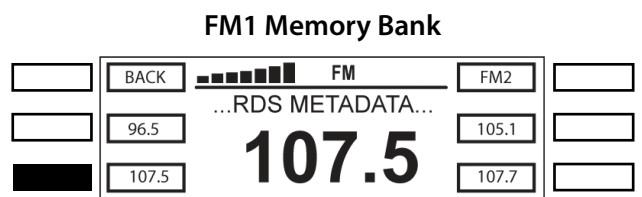

FM Tuning Menu

Figure 15

FM1 Memory Bank

Figure 16

To access any of the stored stations select **Presets** from the FM Menu (Figure 17). Selecting presets will take you to the first memory bank **FM1**. From there you can select any of the stored stations from either bank (Figure 18).
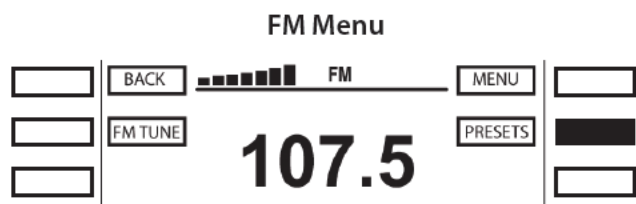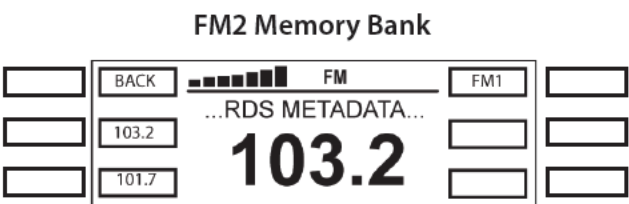
FM Menu

Figure 17

FM2 Memory Bank

Figure 18

Auxiliary/USB Source

The PIAB allows you to connect any audio source, portable media player, or a USB stick (Figure 19). From the start-up menu you can select the AUX/USB button (Figure 20) to access the 3.5mm auxiliary and USB audio input menu (Figure 21). At this point you are ready to use the auxiliary input of the PIAB.

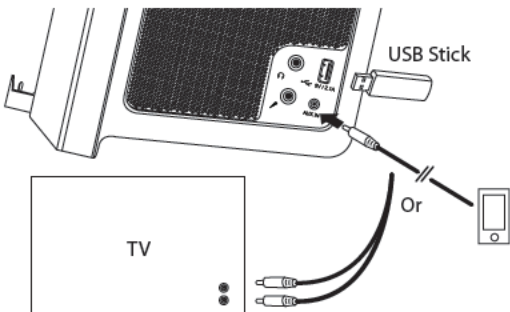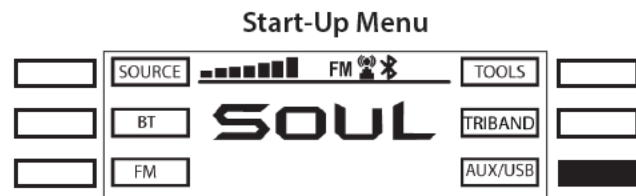Note: All Functions such as play, pause, fast forward and rewind will have to be controlled from your device

Figure 19

Start-Up Menu

Figure 20
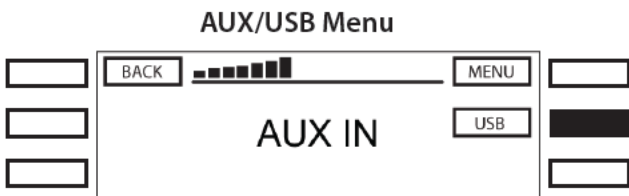
AUX/USB Menu

Figure 21

From the AUX/USB Menu you can select the **USB** button for access to the USB User Menu (Figure 22). From this menu you will be able to control the Play/Pause ▶/‖ , FFW/Skip ▶▶‖ and REW/Skip ‖◀◀ functions of the music on the USB drive. Once you have selected the USB function on your PIAB please insert the USB flash drive into the USB port located on the right side of the PIAB (Figure 19). Once the PIAB has read the USB stick it will display the number of folders and songs (Figure 23). Please note it will not display the actual album name or song name.

From this menu you can select the folder and press play it will start playing the first song in that folder. Once the first song in that folder starts playing you will see the track time displayed under the folder and song numbers. You will also see the FFW/Skip and REW/Skip options that will allow you to change songs within that folder (Figure 23a). To select a different folder and song press the back button.
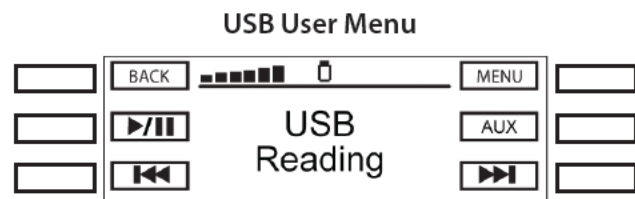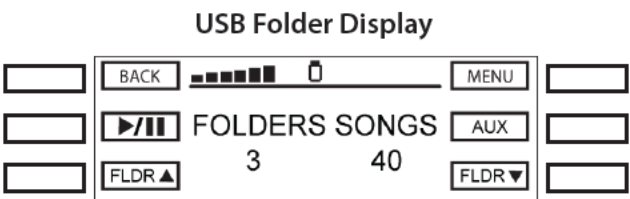
USB User Menu

Figure 22

USB Folder Display

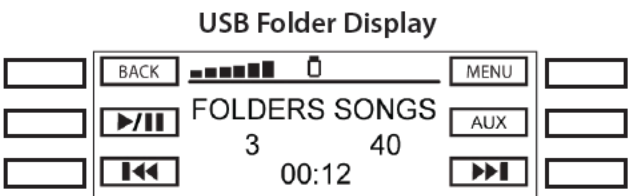Figure 23

USB Folder Display

Figure 23a

13.

Microphone/PA/Karaoke Source
From the start-up menu you can enter the secondary source menu that will give you access to the Microphone/PA/Kara-oke menu. Select the **Source** button (Figure 28) to gain access to the secondary source menu. From this menu select the **MIC** button (Figure 29) which will give you access to the Microphone and Karaoke menu of the PIAB.
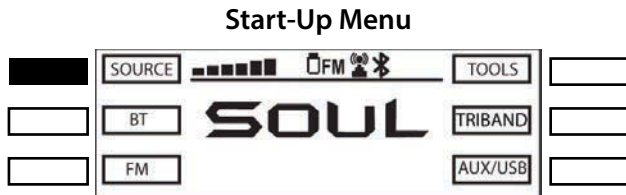
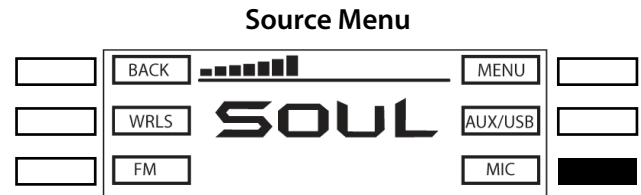**Start-Up Menu**

Figure 28

Source Menu

Figure 29

Once you have reached the Microphone/PA/Karaoke menu you can use your PIAB as a PA system or a sing along karaoke entertainment system. To access the microphone/PA feature select the **MIC/PA** button (Figure 30) this will turn on the microphone and it will be ready to use. You will see the words **MIC ON** for a couple of seconds displayed on the screen. To turn off the microphone/PA feature simply press the **MIC/PA** button once again and you will see the words **MIC Off** dis-played on the screen.

Note: You can increase the PA volume by using the volume buttons located on the left side and by pressing the MIC button on the mixer.
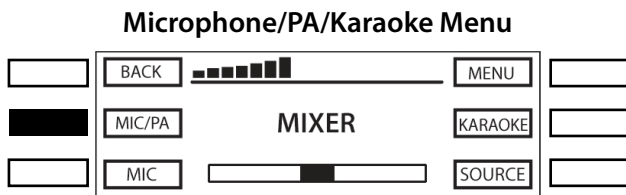
Microphone/PA/Karaoke Menu

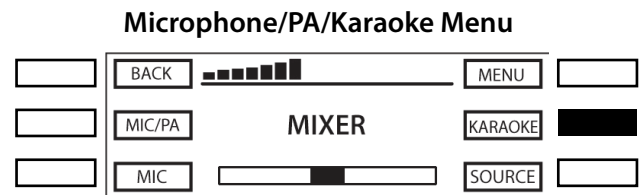**Figure 30**

Microphone/PA/Karaoke Menu

Figure 31

From the Microphone/PA/Karaoke menu you can access the Karaoke functions of the PIAB. The first thing you will have to do is to select KARAOKE from the menu (Figure 31). Once selected you are ready to choose between the different sources of the PIAB to sing along with. Please note there are two Karaoke menus to choose from. You can access the second menu by pressing the **More** button (Figure 32) and go back to the first menu by pressing the **More** button (Figure 33) from the second menu.

Karaoke Source Menu 1

Figure 32

Karaoke Source Menu 2

Figure 33

You can adjust the balance between the music and the microphone from the MIC/PA/Karaoke menu before selecting the Ka-raoke source. It is preset in the middle but you may want to adjust depending on the song. Once you have selected the music source you will also be able to adjust the balance. From the source menu you selected press and hold the Back button for 2 seconds until the mixer bar shows on your screen. Use the volume up and down buttons on the upper left side of your PIAB to adjust the balance. Press the volume up to increase the music volume and the volume down button if you want to increase the microphone volume. Please note that increasing one will decrease the other. The mixer will remain on your display for 6 seconds and then disappear. If you need to make further adjustments hold the back button down for 2 seconds again."

Headphone Output Source
On the right side of the PIAB is a headphone jack that you can use when private listening is required. Simply plug your favorite SOUL Headphones into the headphone jack (Figure 34) and the internal speakers of the PIAB will be disabled.

Note: The PIAB has a ¼" jack so a ¼" to 1/8" adapter may be needed.

Adapter

Headphone

Figure 34
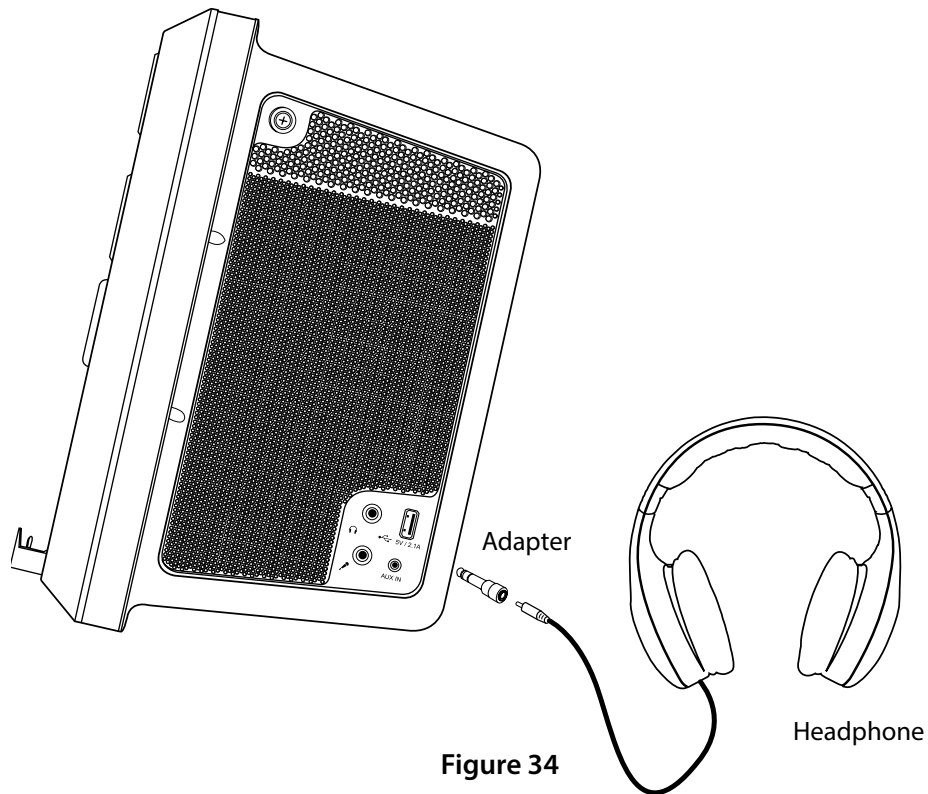
Using the Tools Menus of your PIAB
Your PIAB includes a tools menu that gives you access to the Lights, Volume settings, Software Updates and EQ settings. From these sub menus you will be able to set the light ambience of the PIAB as well as select a pre-set volume level that your PIAB will always start at. In addition we will do periodic software updates to help improve the user experience of the PIAB. These updates can be found on our website (www.soulelectronics.com)or through our customer service department (1-800-566-7685). Updating the software is a simple process and only takes a few minutes. Finally we all know that music sounds better if you can control the frequency output through an equalizer. We have created 12 pre-set EQ curves covering everything from Hip Hop to Country music and everything in between. The EQ curves will definitely enhance your listening experience. Below are the instructions to access all of the features mentioned above.

Volume Tool Menu
In order to prevent damage to your equipment or your hearing we have preset the start up volume level of the PIAB. This will prevent any sudden high output level that could cause damage or injury.

You do have the option to change the pre-set volume level on your PIAB. From the start-up menu select the **Tools** button (Figure 35). From the Tool menu select the **Volume** button (Figure 36) this will give you access to the Volume Preset Menu (Figure 37). From this menu you can set the preset volume level **Up** or **Down** until you find the desired setting. Once you have selected the volume level press the **Set** button (Figure 37) to save the desired setting. From that point on every time you turn the PIAB on it will start at the volume level you have preset.

You may also change the volume level at any time from the volume **Up** and **Down** buttons located on the upper left hand corner of the PIAB. The PIAB can be placed in Mute mode by pressing the **Power** button once and releasing. You will see an image of a speaker with an X across it on the LCD display (Figure 38). To unmute press the **Power** button again.
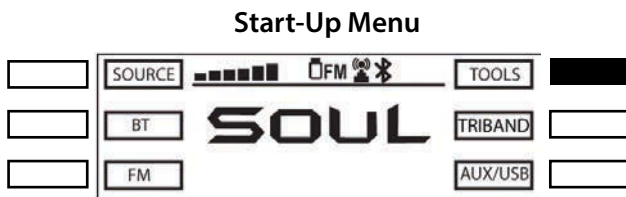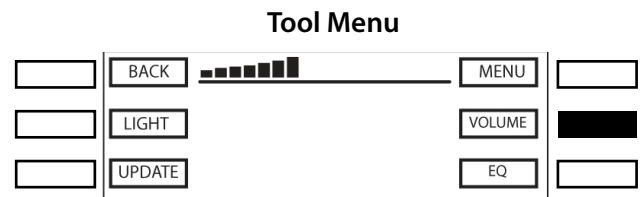
Start-Up Menu

Figure 35

Tool Menu

Figure 36
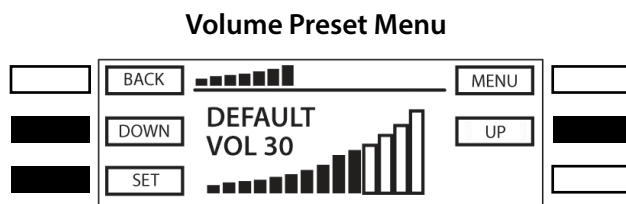
Volume Preset Menu
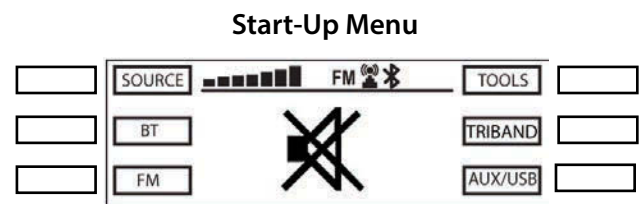

Figure 37

Start-Up Menu

Figure 38

Note: On page 4 of this manual you will find information and a chart to help you understand the effects of loud noises on your hearing.

Light Tool Menu

From the start-up menu you can select the **Tools** button (Figure 39) to gain access to the Tool menu. From the Tool Menu press the **Light** button (Figure 40) to gain access to the Light Menu. From the light menu you will be able to turn the lights on and off as well as select the color of the light that will appear on the perimeter of the PIAB. You will also be able to select the way the light is displayed. For example, the lights can be a fixed color, set to a random color or beat to the music. Finally you can set the contrast on your display brighter or dimmer depending on your preference.
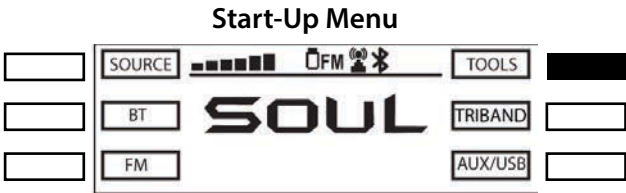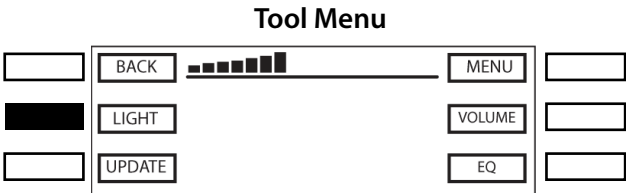
Start-Up Menu

Figure 39

Tool Menu

Figure 40

From the Light Menu the first choice is to turn the lights on or off by selecting the **On or Off** button (Figure 41). Please note as you press the button the button display will change to either ON or OFF but will not change the actual menu you are in. After turning the light on your next step is to select the color of the perimeter light by pressing the **Color** button (Figure 41) that will give you access to the Color Selection menu (Figure 41a). You will have a choice between Blue, Red, Green or Purple.
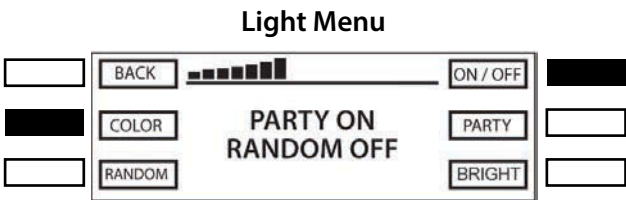
Light Menu

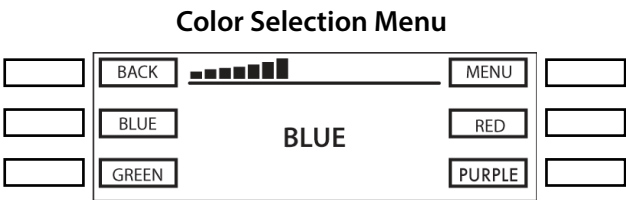Figure 41

Color Selection Menu

Figure 41a

After selecting the color you can also select if you want the PIAB to change colors randomly or beat to the music. From the Light Menu select either **Random, Party** or both buttons (Figure 41).

Adjusting the Display Contrast

From the Light Menu select the **Bright** button (Figure 42) that will give you access to the Contrast Control Menu (Figure 43). From that menu you can increase or decrease the contrast on your display until you find the desired setting. The contrast setting you selected will be saved automatically until you change the setting again.
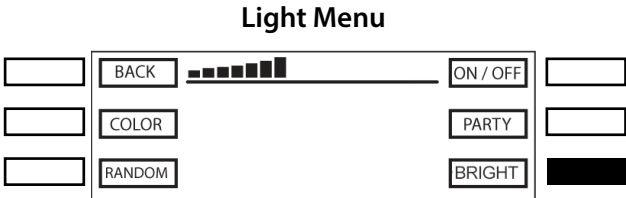
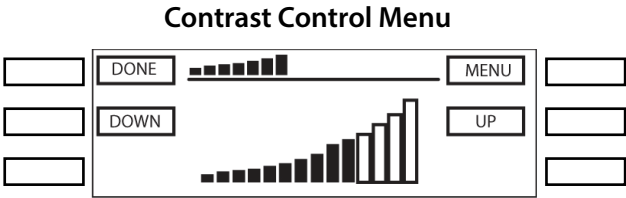**Light Menu**

Figure 42

Contrast Control Menu

Figure 43

17.

EQ Tool Menu

From the start-up menu select the **Tools** button (Figure 44) to access the Tool Menu. From the Tool Menu select the **EQ** button (Figure 45) to gain access to the first EQ preset menu. Please note there are a total of four EQ Preset menus. You can access each menu by selecting the **More** button (Figures 46 to 48). Each time you press the more button the screen will change to the next set of EQ presets. Once you have reached the final preset menu and press more again it will take you back to the first EQ preset menu.
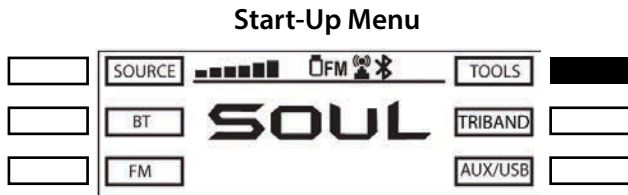
Start-Up Menu

Figure 44

Tool Menu

Figure 45

EQ Preset Menu 1

Figure 46

EQ Preset Menu 2

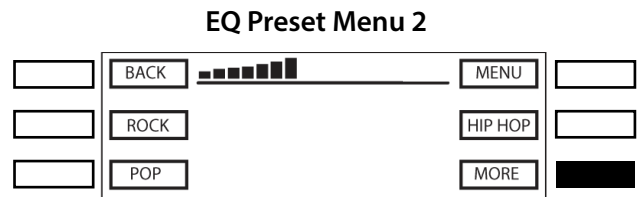**Figure 47**

EQ Preset Menu 3

Figure 47

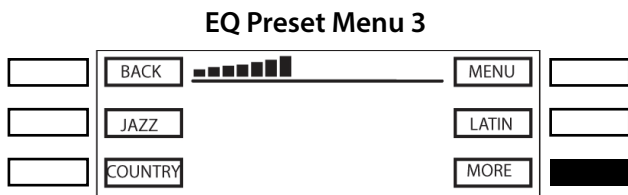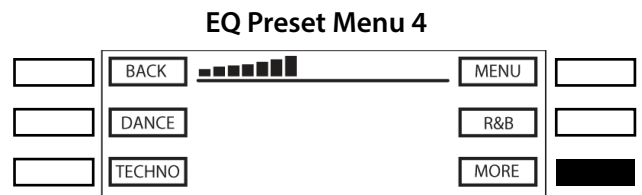**EQ Preset Menu 4**

Figure 48

Note: The PIAB has been preset to the FLAT EQ setting at the factory.

Firmware Software Update

From the start-up menu select the **Tools** button (Figure 49) to access the Tools Menu. From the Tool Menu select the **Update** button (Figure 50) to gain access to the Firmware Update Menu.
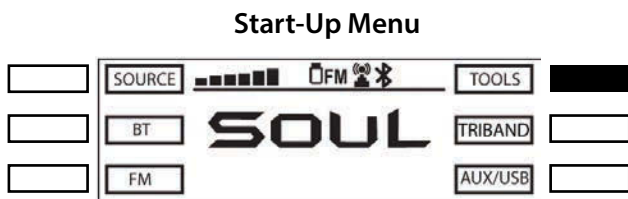
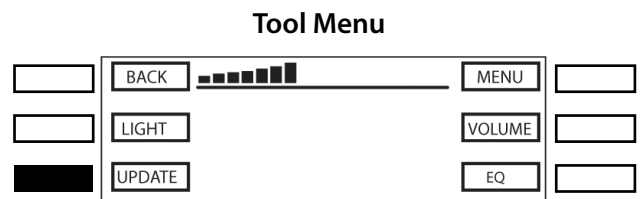**Start-Up Menu**

Figure 49

Tool Menu

Figure 50

Firmware Software Update Continued

At this point you will see in the middle of the display **Insert USB Flash Drive** (Figure 51). As instructed please insert the USB stick with the software update that you downloaded from our website or received from our customer service department. The USB input is located on the right side of the PIAB under the rubber protective dust cover (Figure 19). Once you have inserted the USB stick, you will see the word "UPDATE DON'T DISCONNECT USB" (Figure 52). After the update has been completed the screen will display **Update Successful. Please reboot by switching off and then on the Master Switch on the back of the PIAB.** Make sure to read the information that came with the update to see what upgrades or fixes were performed on your PIAB. Once the updates have been installed your PIAB will return to the Start-Up Menu.

Note: Once rebooted you will see the new software version displayed on your screen for a few seconds before the start up menu. Please check our website under customer support for any software updates to the PIAB.
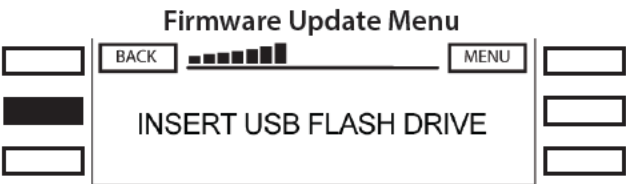
Firmware Update Menu

BACK ▪▪▪▪▪▪▮ MENU

INSERT USB FLASH DRIVE

Figure 51

Update Progress Bar

UPDATE
DON'T DISCONNECT USB

Figure 52

Charging Optional Battery

The PIAB can operate with an optional rechargeable battery pack. The battery compartment is located on the bottom of the PIAB. First make sure that the main power switch located on the back of the unit has been turned off and then disconnect the power cable. Second gently turn over the PIAB to gain access to the battery compartment. Next remove the three screws (Figure 53) holding the panel in place. Please make sure to place the three screws in a secured location. Remove the battery cover by lifting from the two access notches. Inside you will see two battery compartments and two battery connectors (Figure 54). The PIAB will operate with one battery but you may also add a second battery for extended play. You can install the battery in either compartment. The battery plug can only be plugged in one way with the release tab facing up (Figure 55). Once plugged in place the cover back and secure the screws back in place. Do not over tighten the screws as it could cause damage to the cover. You can now reconnect the power cable and turn the main power switch on. You will now see a battery symbol in the upper right corner of the display (Figure 56 ▥). The battery symbol with 1 to three bars ▥ indicates the battery status. These will only show when the PIAB is operating on battery power. A battery symbol with a curved line on the inside ▨ indicates that the battery is charging when the power cable is attached. A battery symbol with an AC plug inside ▥ indicates that the battery is fully charged. The initial battery charge should be no less than 24 hours. The battery life will depend on the volume output as well as the use of the lights and audio input source.
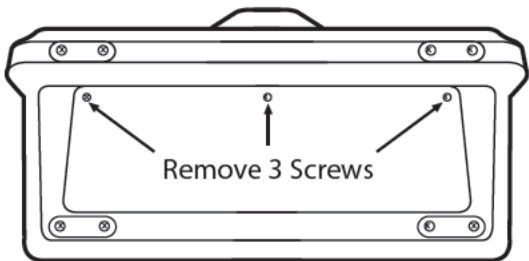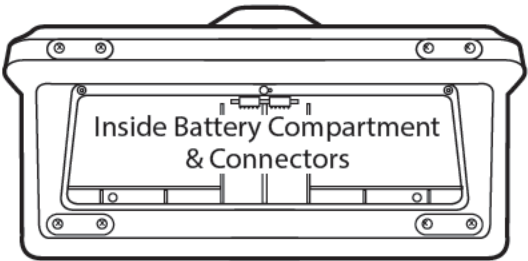
Remove 3 Screws

Figure 53

Inside Battery Compartment
& Connectors

Figure 54

Battery
Installed

Figure 55

Start Up Menu

SOURCE ▪▪▪▪▪▮ FM 🔊 ✳ ▥ TOOLS

BT SOUL TRIBAND

FM AUX/USB

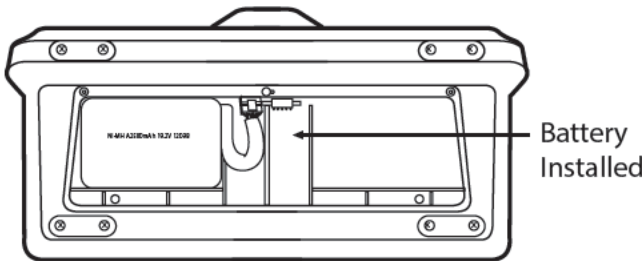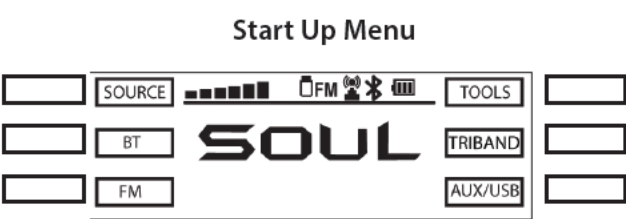**Figure 56**

⚠ **Caution**

When cleaning your PIAB use a dry, soft, clean cloth preferably a lint free micro fiber cloth. Do not use any harsh cleaning agents or water as it may cause damage to the unit.

When not in use please power down the unit to prevent over heating.

Disconnect the power cable from the electrical wall outlet during lighting storms to prevent power surges and spikes that could be harmful to your unit.

When carrying always use the carry handle for safety and convenience. Do not pick up the PIAB from the bottom or any other part of the PIAB other than the carry handle.

Do not drop on your foot as this could cause an injury. The PIAB is heavy and could cause damage if set or dropped on a person's foot.

Customer Service Information and Warranty.

Customer Service Number: 1-800-566-7685 (USA Only)

Customer Service Email: service@soulelectronics.com

Product Registration Website: http://www.soulelectronics.com

Note: You must register your product for warranty

Troubleshooting Guide

If a problem should arise with your PIAB first check the following;
      1. Are all the connections correct?
      2. Is the PIAB being operated as described in the owner's manual
      3. Are the other components operating properly?
      4. Have you checked our website for product and software updates?

If the answers to the questions above are all yes then check the problem and solutions listed below. If the problem persists then there may be a malfunction. In that case disconnect the power immediately and contact our customer service department right away for assistance.

Problem	Solution
No Power	Check the AC/DC adapter, make sure that the cables are properly connected to the adapter and the PIAB as well as the AC wall receptacle. Check plugs; make sure they are plugged in all the way. Check Main Power Switch; make sure that the main power switch located on the back of the PIAB has been turned on. Check Power Switch; make sure the secondary power button located on the top left of the PIAB is on. Check Batteries; if operating from the optional battery, make sure that the batteries have been charged.
Low Volume Level or No Sound	Increase the volume level of the PIAB using volume buttons located on the left side corner of the PIAB. Check mute button; make sure that the PIAB is not in mute mode. When in mute mode you will see a picture of a speaker with an X across it indicating that the PIAB volume has been muted. Press the power button once to unmute. Check your media device for volume level and mute.
LCD Display is Hard to See	Go to page 17 of your manual under Light Tool Menu and locate the section that explains how to adjust the contrast of your display. Under very bright conditions you may have to adjust the location of the PIAB. If using battery power check level indicator. A low battery could affect the display.
PIAB Locked Up	Disconnect the power cord from the PIAB and the AC wall outlet, wait 5 to 10 seconds and then reconnect. If the solution above does not unlock the PIAB then press the reset button located on the back of the PIAB (see image on page 8).
Poor FM Reception	Adjust external antenna for best results. If you are still experiencing poor FM reception relocate the PIAB to another location in the room or in the house.
No Bluetooth Streaming	Follow the instructions on page 10 of the manual to properly pair your Bluetooth enabled device with the PIAB. Make sure your device has been set to Bluetooth. Press "Release" from the Bluetooth menu and try pairing again. **Note**: Only one device may be paired with the PIAB at a time.
No Sound through AUX Input	Make sure both ends of the audio cable are securely connected. Increase the volume on the PIAB. Increase the volume on your media device. Make sure that your device is playing music, check the play button.
No Lights	Follow the instructions on page 17 of the manual for proper light operation. Make sure the lights have been turned on from the Light tool menu. If using battery power check level indicator. A low battery could affect the light display.

SOUL ELECTRONICS, USA ("Company") warrants to the original retail purchaser of this product that should the product or any part thereof are proven defective in material or workmanship within 1 Year from the date of original purchase, such defects will be repaired or replaced, at the Company's option, without charge for parts or labor.

To obtain replacement within the terms of this warranty, the product should be delivered, transportation prepaid, to the Dealer where purchased or to the Company, along with proof of date of purchase. Call 1-800-566-7685 to obtain information regarding the procedure for proper return of your products if your Dealer does not honor the warranty. This warranty is valid in the USA only.

THIS WARRANTY DOES NOT APPLY TO ANY PRODUCT OR PART THEREOF WHICH HAS BEEN DAMAGED THROUGH ALTERATION, CLEANING, MAINTENANCE, MISHANDLING, MISUSE, NEGLECT, ACCIDENT, EXTERNAL CAUSES, IMPROPER INSTALLATION OR UNAUTHORIZED REPAIR. THIS WARRANTY ONLY APPLIES TO NONCOMMERCIAL USE OF THIS PRODUCT AND IS NOT TRANSFERABLE OR ASSIGNABLE.

THIS WARRANTY IS LIMITED, EXCLUSIVE AND IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY OBLIGATION, LIABILITY, RIGHT, CLAIM OR REMEDY IN CONTRACT OR TORT, WHETHER OR NOT ARISING FROM THE COMPANY'S NEGLIGENCE, ACTUAL OR IMPUTED. NO PERSON OR REPRESENTATIVE IS AUTHORIZED TO ASSUME FOR THE COMPANY ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THIS PRODUCT. IN NO EVENT SHALL COMPANY BE LIABLE FOR INDIRECT, INCIDENTAL, PUNITIVE OR CONSEQUENTIAL DAMAGES. THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE PRODUCT. IN NO EVENT SHALL THE COMPANY BE LIABLED FOR MORE THAN THE PURCHASE PRICE OF THE PRODUCT.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state, so some of the above limitations or exclusions may not apply to you.

Revised 04-18-13

FCC NOTICE:

(i) The device for operation in the band 5180-5240 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite system.
(ii) Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user manual.

"

IC NOTICE:

"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.
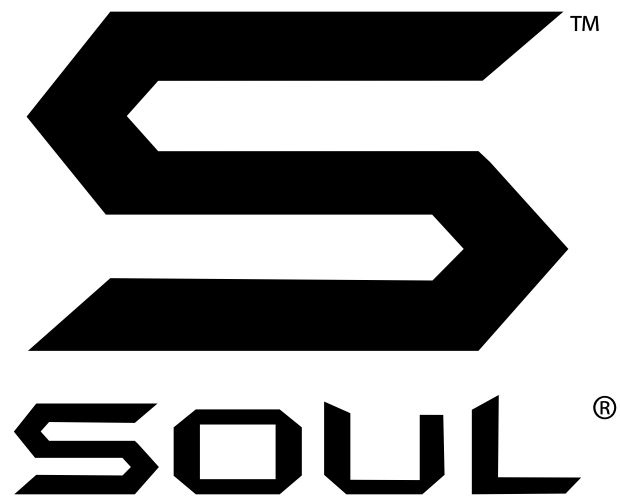
Additional safety information

"This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Some imporant statements:

(i) The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;

(ii) The maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.

Dans la bande de fréquences 5,15–5,25 GHz, les appareils U-NII sont limités à une utilisation en intérieur afin de réduire tout risque potentiel d'interférence avec une exploitation de services mobiles par satellite fonctionnant dans le même canal

le gain d'antenne maximal autorisé pour les dispositifs fonctionnant dans la bande 5725-5825 MHz doivent respecter le pire limites spécifiées pour le point-à-point et un fonctionnement non point à point en tant que approprié

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