AIRTURN™ PEDpro

freedom to perform

HANDS-FREE BLUETOOTH CONTROLLER

for Bluetooth 4 Tablets AND Computers

Operating Manual

CONTENTS

Thank you for purchasing the AirTurn PED*pro hands-free, Bluetooth foot controller. We hope you enjoy many years of use from it. From page turning, to effects management and presentation control, the* PED*pro provides a myriad of uses.*

BEFORE TURNING ON YOUR PED*pro*

The PED*pro* works with most Bluetooth 4 devices. This includes iPad 3 and later, iPhone 4S and later, and most devices running Android 4.3 or later with Bluetooth 4.

Most PCs and Macs equipped with Bluetooth 4.x and HID support are compatible. For older PC's, AirTurn has Bluetooth 4.1 USB dongles that support connection to the PED*pro*.

A compatible app is required. Apps are listed on the AirTurn website: http://airturn.com/apps

There are two compatibility modes; GATT and HID. Not all compatible apps will function in both modes. See the MODES section for additional information.

POWER

ON - Press and hold the Power Button on for one second and the LED's flash.

The blue LED will begin to blink 2 times per second until pairing is started.

OFF - Press and hold the Power Button on the PED*pro* until the red and blue LEDs turn off.

MODES

There are six modes available on your PED*pro*. Each mode sends a different signal for each pedal. The PED*pro* is set to MODE 2 by default.

MODE 1: GATT
This mode is app specific. Your app will provide that information. It is also known as PED-APP-DIRECT.

MODE 2: Page Turn Mode (Default Mode)
Left pedal = Up Arrow. Right pedal = Down Arrow. This is the most common MODE for all iOS and Android APPS.

MODE 3: Presentation Mode - PgDn/PgUp keys.
Left pedal = PgUp key. Right pedal = PgDn key. This mode is primarily for PC /MAC document apps such as MS Word, Powerpoint, Acrobat, etc.

MODE 4: Media Mode
Left Pedal = PlayPause Right Pedal=Next Song

MODE 5: Assisted Technology Mode
Left pedal = Space key. Right pedal = Enter key.

MODE 6: Left/Right mouse click.
Left pedal = Left Mouse click. Right pedal = Right Mouse click.

CHANGING THE MODE

1. Turn on the PED*pro*.

2. Press and hold the MODE button. The red LED will flash once per second from 1 to 6 flashes. The number of flashes corresponds to the same MODE number. Be sure to count the flashes.

3. Release the MODE button following the number of flashes that reflects the desired MODE. The blue and red LEDs will flash together the number of times indicating which MODE has been set.

Example: To set MODE 2 hold the MODE button for 2 flashes of the red LED, release and both LEDS will flash 2 times to confirm the MODE 2 setting.

Note: Once the MODE has been set, it will remain the same until it is changed following the above steps.

CONNECTING AND PAIRING

Once the PED*pro* is powered on, the blue LED will blink 2 times per second until pairing is completed.

PAIRING IN GATT MODE 1

Note: This MODE is for GATT specific apps only.

1. Power on the PED*pro*.
2. Be sure the PED*pro* is in MODE 1.
3. Go to your app and find the Bluetooth setup screen.
4. Find the PED*pro* in the device list and tap on it.
5. Tap on the Pair option in the dialog box.

PAIRING IN MODE 2-6

Open your computer's Bluetooth Setup dialog:

iOS – Select Settings>Bluetooth and turn on the Bluetooth if it is off. When the PED*pro* is discovered, it will appear in the list of devices. Tap on the selection. A dialog box will then appear. Tap on Pair.

Android – Select Settings>Bluetooth and turn it on if it is off. Make sure your device is set to discoverable. Then tap the SCAN button. When the PED*pro* appears, tap to pair.

PC – Select Control Panel, My Bluetooth Devices. Select "Add a device". Click next and complete pairing.

MAC – Select Apple, System Preferences, Bluetooth and turn on Bluetooth. The PED*pro* will appear in the Devices window. When the PED*pro* is pairing, the blue LED will blink 3 times per second.

Once connected, the blue LED will blink 1 time every 3 seconds.

IMPORTANT: Do not try to connect in MODE 1 and any other MODE at the same time. MODE 1 only works in GATT MODE and MODES 2-6 only work when connected directly through the operating system setup. You must reset pairing to switch modes. If you choose to use multiple apps in iOS, it is recommended to use MODE 2 for both apps.

RESET PAIRING

Pairing must be reset whenever switching from one device to another or when switching between MODES 1 and another mode.

Delete or forget the Bluetooth pairing from your host computer. With the PED*pro* powered on, press and hold the power button for six seconds. After two seconds, the PED*pro* will appear to power down. Continue to hold the power button. At six seconds both LEDs will blink three times. After the third blink release the power button. The device has been reset. Turn on the PED*pro* to pair again with the desired host computer.

POWER CONSUMPTION

The PED*pro* uses an idle timeout function to conserve power. After two hours of inactivity when powered on and connected, the PED*pro* will power down automatically. The timer is reset when

any button is pressed.

The PED*pro* averages a usage of 2μA when turned off and averages a usage of 5μA when turned on.

VIRTUAL KEYBOARD IN iOS

To turn on the virtual keyboard in iOS, put the cursor into a text box and press the Keyboard Button on the PED*pro*. Both LEDs will flash once to signify that the button has been pressed. The button will only work in Modes 2-6. Virtual keyboard support for MODE 1 is automatic.

RECHARGING THE BATTERY

To charge the battery, insert the charging cable into the micro-USB port and plug the other end into any USB source. You can also use any micro-USB charging power supply. Charging from a laptop computer or a computer with a sleep setting is not recommended. A charge will last for about 150 hours of continuous use.

LED INDICATIONS

LED	Action	Meaning
Blue	Fast Blinking	Trying to connect to a host
Blue	Slow Blinking	Connected to a host

Blue	Solid On	Keystrokes sent
Red	Slow Pulse	Low Battery
Red	Solid On	Charging (plugged in)
Blue/Red	Solid On	Battery Charged (plugged in)

AIRTURN MANAGER

To change the configuration of your PED Pro and update its firmware to the latest available, download the AirTurn Manager App from the Apple App Store or Google Play Store.

The App allows you to configure the key repeat rate, power saving settings, and configure the macros for the pedals in each mode. For custom uses, please contact support@airturn.com.

If any firmware updates are available you will be notified after the App has connected. After performing the update the PED Pro will install it and restart. Remove the pairing from your iOS/Android/PC/Mac device, power on the PED Pro, and reconnect.

UNIT IDENTIFICATION

The unit name in your Bluetooth host consists of several codes to help with support and identifying your specific device. For example:

PEDpro **v1.3.0 ABCD**

v1.0.0 refers to the firmware number

ABCD refers to the MAC address.

This is helpful if there are many PED*pro* units in the same location. Your MAC address will always be the same so you can easily identify your unit. You will find your specific MAC address labeled on the bottom of your PED*pro* at the end of the serial number.

CARE OF YOUR PED*pro*

Wipe down your PED*pro* using a mild detergent or soap-based cleaner to remove dirt and stains from your PED*pro*. Be careful not to use sharp tools or extreme pressure on the pedal area as this will reduce the life of the membrane switches.

- Do not get the PED*pro* wet or place in direct sunlight for extended periods of time.
- Do not open the unit other than to replace the battery, as there are no user serviceable parts.
- Do not put in trash. Please recycle.

WARRANTY

AirTurn, Inc., ("AirTurn"), warrants to the first consumer purchaser that the AirTurn PED*pro*, (the "Product"), when shipped in its original container, will be free from defective workmanship and materials, and agrees that it will, at its option, either repair the defect or replace the defective Product or part thereof with a new or remanufactured equivalent at no charge to the purchaser for parts or labor for one year from date of purchase.

This warranty does not apply to any appearance items of the Product nor to any Product the exterior of which has been damaged or defaced, which has been subjected to misuse, abnormal service or handling, or which has been altered or modified in design or construction, nor does it apply to batteries that may be supplied.

In order to enforce the rights under this limited warranty, the purchaser should request a RMA number via email or phone following the directions on the support page at www.airturn.com/support. The purchaser shall return the product at their expense. The repaired or replaced *pro*duct will be returned at the expense of AirTurn.

The limited warranty described herein is in addition to whatever implied warranties may be granted to purchasers by law. ALL IMPLIED WARRANTIES INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE ARE LIMITED TO ONE YEAR FROM THE DATE OF THE PURCHASE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

The warranties described herein shall be the sole and exclusive warranties granted by AirTurn and shall be the sole and exclusive remedy available to the purchaser. Correction of defects, in the manner and for the period of time described herein, shall constitute complete fulfillment of all liabilities and responsibilities of AirTurn to the purchaser with respect to the Product and shall constitute full satisfaction of all claims, whether based on contract, negligence, strict liability or otherwise. In no event shall AirTurn be liable, or in any way responsible, for any damages or defects in the Product which were caused by repairs or attempted repairs performed by anyone other than an authorized servicer, nor shall AirTurn be liable or in any way responsible for any incidental or consequential economic or *pro*perty damage. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

RADIO INFORMATION

- *Bluetooth* 4.0 low energy radio

- Transmit power: +0 dBm
- TX peak current: 18.2 mA
- Frequency 2.402GHz to 2480GHz

Approximate Range: 33 feet (10 Meters) subject to orientation and other factors.

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.

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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, there 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, the user is 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.
--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
--Consult the dealer or an experienced radio/TV technician for help.
Contains Transmitter Module FCC ID: QOQBLE113"

Contains Transmitter Module IC: 5123A-BGTBLE113"
CE- The official R&TTE DoC is available at www.silabs.com
MIC Japan -BLE113 is certified as a module with type certification number 007-AB0103. As a certified module BLE113 can be integrated to an end product without a need for additional MIC Japan certification of the end product.

KCC (Korea) BLE113 has type certification in Korea with certification number KCC-CRM-BGT-BLE113.

AirTurn also holds unintended emissions testing on file for FCC/CE

CE FC TELEC KC Bluetooth

RECYCLING AND DISPOSAL

Electronic components and construction comply with RoHS and REACH standards.

Packaging is recyclable. Please recycle.

Contains Lithium Ion Battery. Battery should be disposed of according to local law. AirTurn will recycle returned batteries and electronics. Please request an RMA from the support desk: support@airturn.com

TRADEMARKS

iPhone, iPod, iOS, iPad are trademarks of Apple, Inc.

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