www.immersesports.com

Race Starter Unit User Manual

Release 1.0

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Race Starter Unit Control & Indicators

Note: There are three types of button presses in the Race Starter Unit. A "Short Press" is a single press generally lasting less than 0.5 seconds. A "Long Press" is a single press generally lasting more than 0.5 seconds. A "Double Press" is two quick presses consecutively.

USB Cable

1. Turning on and off

1.1: Turning Device On

To turn on the device, hold down the **bottom left button**. The LED status light will flash and the buttons will illuminate when turned on.

1.2: Turning Device Off

To turn off the device, hold down the **bottom left button**. The LED status light will flash and the device will turn off. The unit will automatically turn off after approximately 45 minutes of inactivity when not connected. Note: you cannot turn the device off if it is connected (i.e. an AC80 is plugged in and a meet is running).

1.3: Low Battery

When the battery level gets very low, the **LED status light** will flash Red 2 times consecutively.

1.4: Resetting the device

The unit can be reset by holding the **bottom two buttons** at the same time for 15 seconds continuously. The top two buttons will flash alternatively for a few seconds, then the **LED status light** will quickly flash Green. The device has now been reset.
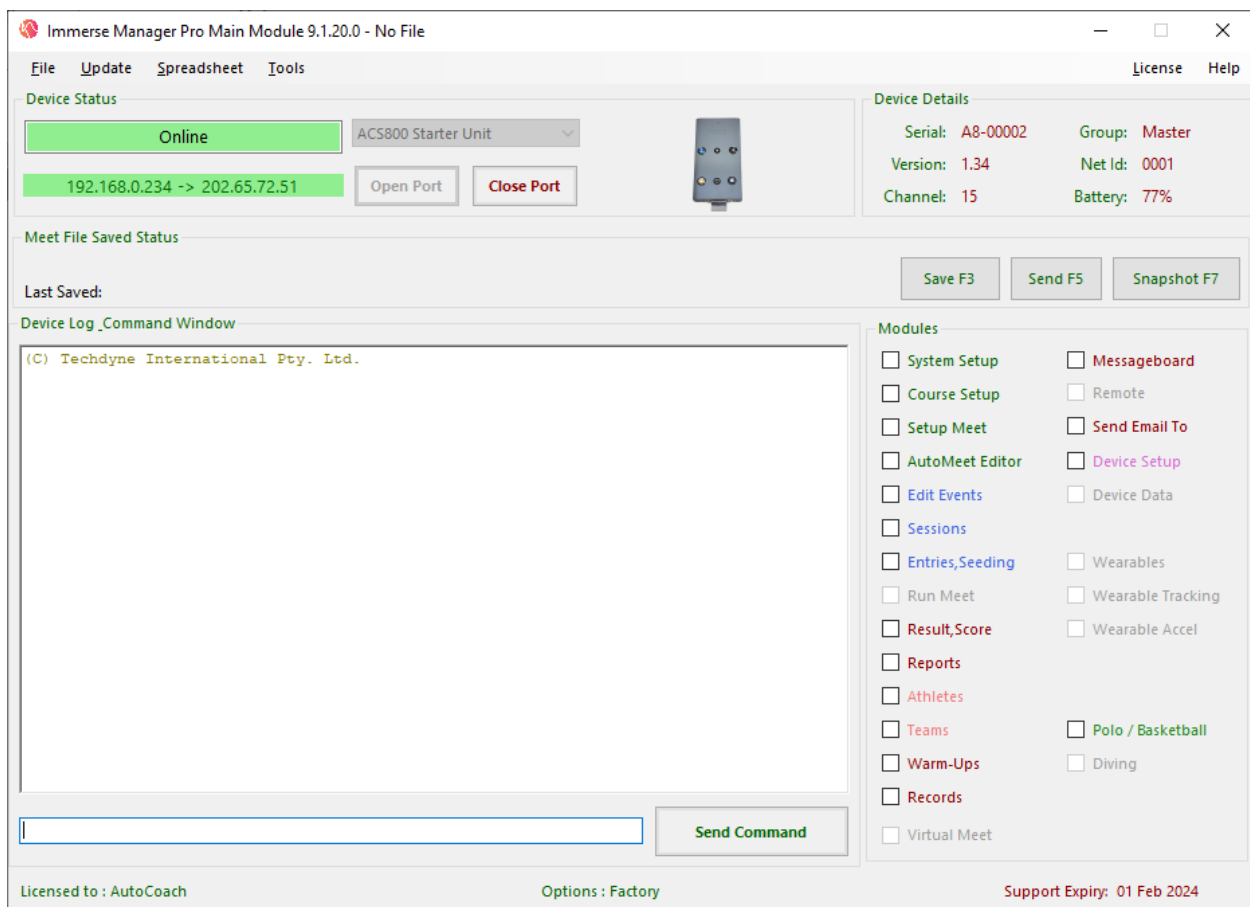
2. Setup

2.1: Immerse Manager Pro

After turning on the Race Starter Unit, connect via the USB cable supplied to a windows computer with Immerse Manager Pro installed and running.

To download and install Immerse Manger Pro, click here:
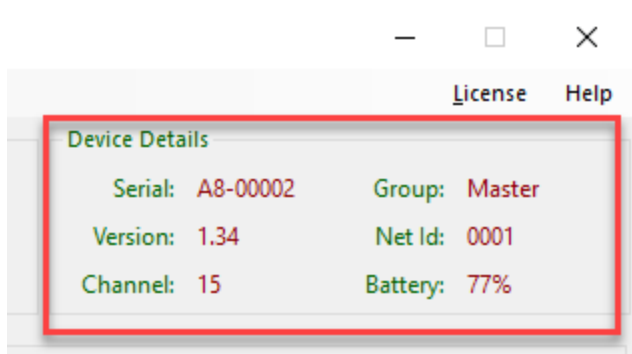www.autocoach.com.au/download/cdsetup64.exe

The program should detect the Race Starter Unit as shown below:

2.2: Device Setup

Make sure the Starter Unit is on the same ID and Channel as the rest of your race meet devices (AC80, speakers, timing buttons).

3. Operation

3.1: Starting Races

To begin a race, whistle the swimmers to the blocks by short pressing the bottom left button.

From here, you have two options:

1) Manually speak "Take Your Marks"

Hold the **top right button** and speak clearly into the microphone located at the top of the unit

2) Use the pre-recorded "Take Your Marks"

Short press the top right button to allow the device to communicate the "Take Your Marks"

Following either of these "Take Your Marks" options, **short press the top right button** to start the race.

NOTE: If you are manually speaking the "Take Your Marks", you need to hold the button and speak slowly. Releasing the talk button too early will cause the unit to disable the starting buzzer.

Whilst the race is running, only the bottom left button will illuminate. This is the "Close Timing" button.

3.2: Closing the race

Once all swimmers have touched the wall, **long press the bottom right button**. An audible "ding" will sound, indicating that the next race is ready to be run. The whistle button (bottom left) and talk button will illuminate (top left).

You can begin the next race as detailed above.

3.3: Stand Down

Once the whistle is blown, to stand swimmers down, **long press the bottom right button**. A pre-recorded "Stand Down" command will announce.

The unit will go back to the beginning and allow the starter to whistle swimmers to the blocks again.

Begin the race as normal.

3.4: False Start

Once the race has begun, if a false start occurs**, a quick double press on the bottom right button** will sound an airhorn indicating to cease the race. Following the airhorn, the unit will go back to the beginning and allow the starter to whistle the swimmers to the block.

4. Charging the Battery

The Starter Unit can be recharged with the supplied AC Adapter (5V 1000mA USB socket) or by connecting the device to a PC or MAC via the supplied USB cable.
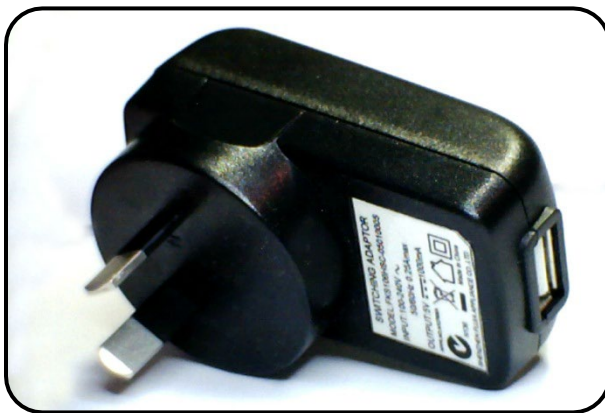
From 0% battery level, charging usually completes within 3 hours. It is recommended to recharge when the battery level is below 30% to ensure there is enough power for a day's use.

5. Caring for Your AutoCoach Device

5.1: Storage

Like a mobile phone or mp3 player, do not store in hot or humid places (i.e. besides the pool). Like most electronic devices, the Starter Unit is **NOT WATERPROOF**. The supplied lanyard can help prevent dropping the device in the water. Immediately wipe any water off the unit in order to protect it from water damage. If accidentally dropped into water, **IMMEDIATELY RETURN to AUTOCOACH** for repair. *Leaving a water damaged unit for a few days before repair may result in the circuit boards becoming corroded and un-repairable, whereas prompt return may be an inexpensive cleaning and moisture treatment.*

5.2: Handling

DO NOT drop the Starter Unit on any hard surfaces, this can cause internal circuitry to become dislodged or faulty.

5.3: Resetting

If the program fails to respond or the device will not turn on, try performing a reset as describes in Section 1.4. Please report any problems or errors encountered so that a solution may be found.

FCC Caution.

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.

Any 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.

FCC Radiation Exposure Statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.