



Retrofit Module



Installation and Programming guide

Version 0.1

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Wahoo Fitness

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GEM Retro Module Installation and Programming guide
Version 0.1

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Revision History

Version	Revision Date	Change History
0.1	January 29, 2016	Initial Draft
0.2		
0.3		
0.4		
0.5		
0.6		

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Component identification

Name	Base label	QR code label	RunFit app
Component			

Name	Retrofit module	Programming app	Ethernet Cable

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Component			
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Introduction

The Wahoo retrofit module connects to fitness equipment that has a CSAFE port to enable Bluetooth and ANT+ wireless connectivity. Users are enabled to connect or pair their mobile device or leaderboard system via Bluetooth (or ANT+) with the fitness equipment to track workout data and control the equipment. The base label is attached to the fitness equipment and provides instructions for pairing the user's mobile device. The QR code label is attached to the base label and provides the Bluetooth advertising ID of the retrofit module connected to the fitness equipment. The Bluetooth advertising ID is programmed into the retrofit module using the Wahoo Retrofit Utility app. To control the cardio equipment and save workout data, the Wahoo RunFit app or 3rd party apps has a QR reader to scan the QR code and pair* the retrofit module with the fitness app.

Components

Included with retrofit module:

1. Retrofit module
2. Ethernet cable
3. 3M VHB double sided tape

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4. Base label
5. QR code label

Not included:

1. Rubbing alcohol or cleaning chemical
2. Paper towel or drying cloth
3. iPhone 4 or later model

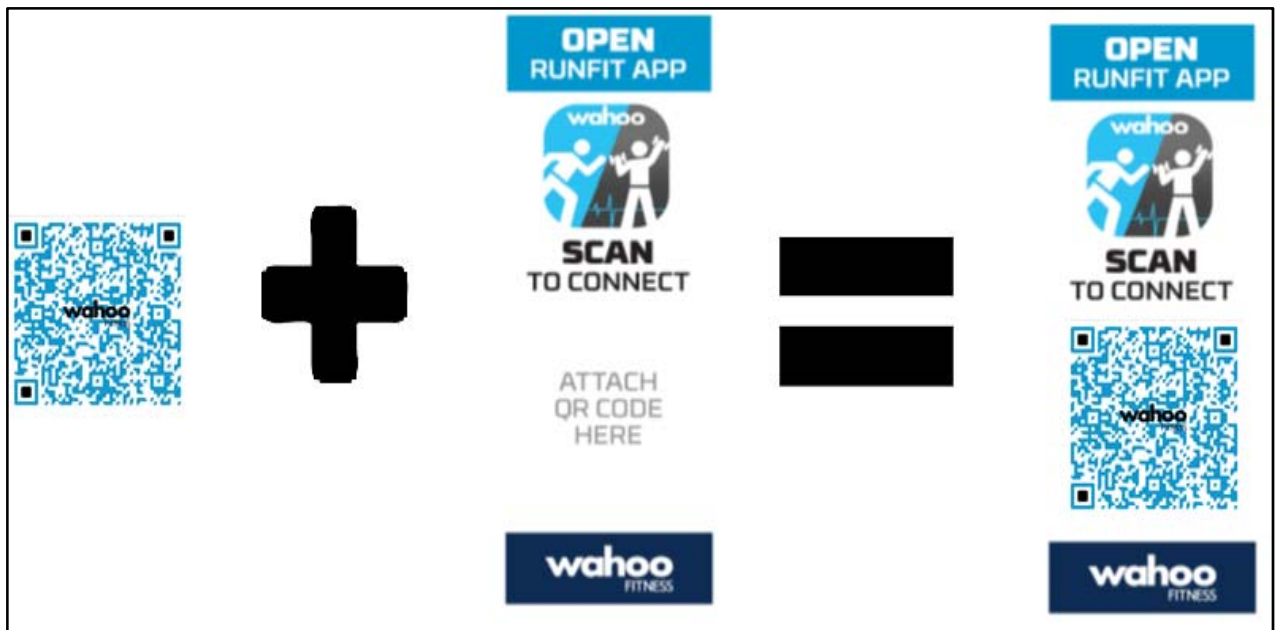
To download:

1. RunFit app (download from app store)
2. Retrofit Utility app (download from ...)

Installation

1. Locate the CSAFE port on the fitness equipment console or at the bottom of the fitness equipment
<insert pic of CSAFE port on console and at bottom of a machine; maybe from elliptical downstairs?>
2. Connect the Ethernet cable between the retrofit module and the CSAFE port
<insert pic>
3. On fitness equipment, clean the desired area for attaching retrofit module with rubbing alcohol or cleaning chemical
4. Wipe the desired area dry with a paper towel or drying cloth
5. Clean the bottom of retrofit module with rubbing alcohol or cleaning chemical
6. Wipe the bottom of retrofit module with a paper towel or drying cloth

7. Attach the double-sided tape to the bottom of retrofit module and attach to desired area on fitness equipment
8. Clean the side of the base label containing instructions with a paper towel or drying cloth
9. Attach a QR code label to a base label and affix to the area marked as: “ATTACH QR CODE HERE”



10. Clean the fitness console with rubbing alcohol or cleaning chemical
11. Wipe the fitness console dry with a paper towel or drying cloth
12. Attach the base label (with QR code label on top) to desired location on fitness console
- 13.

Programming

1. Download the programming app...

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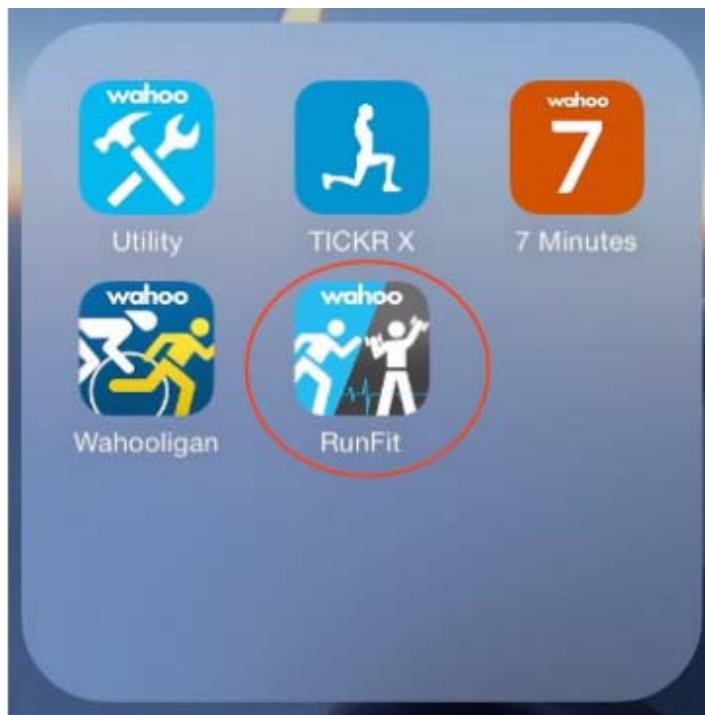
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2. Download RunFit app....
3. Power up the fitness equipment and ensure the green LED on retrofit module is on
NOTE: Only power up ONE fitness equipment machine at a time to avoid programming errors
<insert pic of retrofit module with green LED on>
4. Open programming app
<insert pic of selecting programming app>
5. Choose a 4 character Bluetooth advertising ID
<insert screenshot of choosing a 4 character Bluetooth ad ID from programming app>
6. Click “Next”
<screenshot>
7. When the “Bluetooth advertising ID set” is displayed, click “Next”
<screenshot>
8. Align the QR reader square with QR label that you wish to program
<screenshot>
9. When the “QR code set” is displayed, click “Next”
<screenshot>
10. When the “Programming completed!” is displayed, exit the programming app.
<screenshot>
11. Open RunFit



12. Align QR reader with newly programmed QR code
<screenhot>
13. Verify that RunFit has paired with fitness equipment
<screenhot>
- 14.

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FCC STATEMENT:

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.

Warning: 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.

RF warning statement:

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

- English: "

This device complies with Industry Canada licence-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."

- French:"

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 n' 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."