SplitFast™ Bluetooth Athlete Timing Gate

Quick Start Guide

Congratulations on your purchase of a SplitFast timing Gate! This SplitFast Gate works together with the SplitFast iPhone App and optionally the SplitFast Apple Watch App to measure your start reaction time, sprint finish time and intermediate split times, and for distance athletes and cyclists, SplitFast will also measure lap times. This guide will help you get your SplitFast system configured and running.

> **WARNING: The information presented on the SplitFast Website, SplitFast User Guides, and SplitFast Apps is for informational purposes only and does not replace the advice of a health care professional. Always seek medical advice before beginning any new physical activity.**

> **WARNING: The SplitFast Timing Gate contains a laser emitter to detect athlete motion. The emitter produces LASER RADIATION. Do not stare into the beam or view directly with optical instruments**

Included in The Box
The SplitFast Bluetooth Timing Gate pack includes the Gate Module, an adjustable tripod, a battery compartment cover with tripod mount and a reflective armband. Please read the instructions below to learn how to configure and get started with your SplitFast system.

1) **Insert 4 x AA batteries (not included) in the timing module** – The batteries are oriented with the (-) terminal at the spring end and the (+) terminal at the tab end of the battery enclosure. All 4 batteries are oriented the same way. When the batteries are inserted, the Gate will turn On. You can turn it **Off** by pressing the On/Off button on the side of the timing module and **holding it pressed for 2 seconds**. A short press of the On/Off button will turn the Gate On.

2) **Attach the battery cover** – The battery cover snaps into place over the battery compartment.

3) **Connect the tripod** – Fit the timing module to the tripod by screwing the mounting point on the back of the battery cover onto the threaded section at the top of the tripod. The tripod can now be adjusted so the laser sensor aims at your upper torso in the area you are wearing the reflective band.

4) **Connect to the Gate** – Turn on the Gate by briefly pressing and releasing the On/Off switch on the side of the Gate module. Go to the Apple App Store and download the SplitFast iPhone app. Launch the app and tap the Gates icon at the bottom of the main page. Select the Gate in the list to connect. The Gate will request a 6 digit PIN number, which is saved on the iPhone and used every time your iPhone connects to the Gate. The default PIN is 123456. You can change this at any time from the Gate settings page on the app. Be sure to save your PIN code in a safe location. You will need it to connect to the Gate if you change your iPhone or reinstall the iPhone App.

5) **Configure the Gate** – Once connected you can configure the Gate according to your needs. Please refer to the iPhone App user guide at www.splitfast.com for detailed instructions.

6) **Aim the Gate laser beam** – The Gate uses a laser emitter with an optical filter that projects a narrow, vertical beam pattern that will reflect off the wearable SplitFast reflective armband included with the Gate. The reflected beam is received by the Gate laser receiver to detect when the you cross the beam. The beam pattern can be aimed by tilting the adjustable tripod mount to direct the beam towards the track at chest height. The chart below shows how the height of the beam changes based on the distance between the wearable reflector target and the Gate.
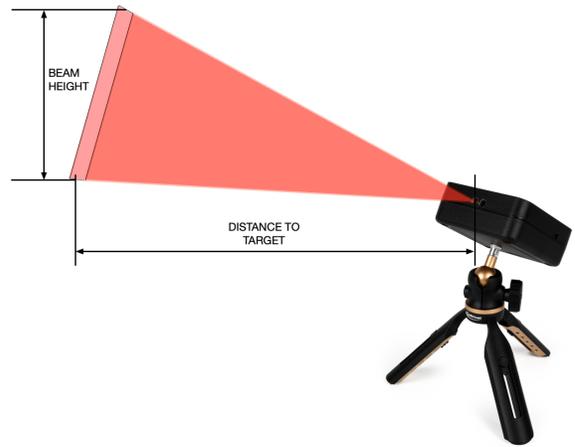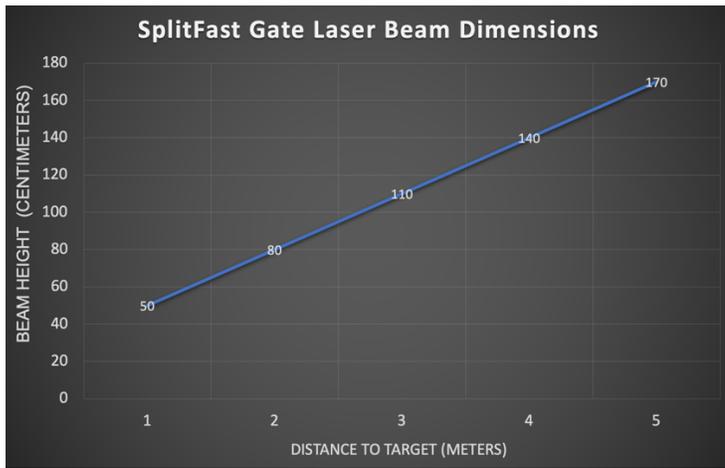
The reflector only needs to cross somewhere in the vertical beam area, which makes it quite easy to aim the beam to reliably detect the reflector. Because the beam is very narrow in the horizontal plane, the Gate provides high precision at the distance it is placed on the track. The best way to aim the beam is to connect to the Gate with the SplitFast iPhone App and monitor the beam status as you walk past the Gate. Adjust the angle of the Gate Timing Module until it reliably detects you as you cross the beam.

7) Status lights – The STATUS light on the timing module will blink slowly when the Gate is powered On and operating normally. It blinks quickly when the Gate is being configured by the SplitFast iPhone app. The MOTION light turns On when the laser sensor detects the presence of an athlete.

Understanding how the SplitFast system works – The SplitFast timing app runs on an iPhone and communicates with SplitFast Gates over Bluetooth as you run down the track. In order for the iPhone app to maintain contact with the gates, the app must be running in the foreground on the iPhone. We recommend setting the phone display sleep to "never" while you are running a trial. We also sell different types of iPhone holders that you can use to comfortably carry the phone, depending on the type of running that you do. For added convenience the SplitFast app for Apple Watch can be used to provide a remote control for your iPhone when using SplitFast.

For further information about the SplitFast system, including the User Guide for the SplitFast iPhone App and Apple Watch App, please visit: www.splitfast.com

RADIO TRANSMITTER COMPLIANCE: SplitFast Athlete Timing Gates contain a Bluetooth radio transmitter qualified by Bluetooth SIG with design ID **101625**. The module has been assigned the following international approvals:

USA FCC Part 15: Contains FCC ID: 2AA9B04	AUS/NZ RCM: Complies with AS/NZS 4268:2017	Mexico IFETEL IFT:NYCE/CT/0146/17/TS
Canada IESD RSS-247: Contains IC: 12208A-04	Japan MIC: Certificate R210-106799	Brazil ANATEL Approval: 03154-18-11156
EU Radio Equipment Directive: 2014/53/EU	South Korea KCC Certificate: R-CRM-Rgd-BMD-300	