



# PITCHCOM ClockCom Baseball Communication System User Manual

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## PITCHCOM ClockCom Baseball Communication System



### PitchCom System

The PitchCom System is a wireless communication system designed for use in sports training or coaching scenarios. It consists of two main components:

#### PitchClock Receiver

The receiver, as shown in Figure 1, is a compact device that receives signals from the transmitter and provides haptic feedback to the wearer.

- Micro-USB port for charging and firmware updates
- Charge LED indicator (glows red while charging)
- On/Off switch covered by shrink wrap
- Vibration motor for haptic feedback

## **Transmitter**

The PitchRemote transmitter, shown in Figure 2, is used to send signals wirelessly to the receiver.

- 9 pitch/location buttons
- Cancel button
- Volume adjustment buttons for catcher
- Micro-USB port for charging and firmware updates
- Antenna wire for signal transmission
- Status LED indicator
- White LED indicator

## **Product Usage Instructions**

Follow these instructions to use the PitchCom System:

### **PitchClock Receiver**

1. Charge the receiver by connecting it to a power source using the micro-USB port.
2. To turn on the receiver, depress the on/off switch (covered by shrink wrap).
3. To turn off the receiver, depress and hold the on/off switch.
4. After turning on the receiver, it will activate the vibration motor upon receiving a signal from the transmitter via the antenna.

This activation can be felt as a haptic signal or buzz by the wearer.

### **Transmitter**

1. Charge the transmitter by connecting it to a power source using the micro-USB port.
2. The transmitter does not have an on/off switch and is always ready to transmit signals.
3. Use the pitch/location buttons on the transmitter to send signals wirelessly to the receiver.
4. The catcher volume adjustment buttons can be used to adjust the volume level on the receiver for the catcher.

Please refer to the user manual for more detailed information on firmware updates, system maintenance, and compliance statements.

Welcome to the ClockComSystem-the world's best and most secure baseball communication system for transmitting signals to an official indicating the expiration of a timer.

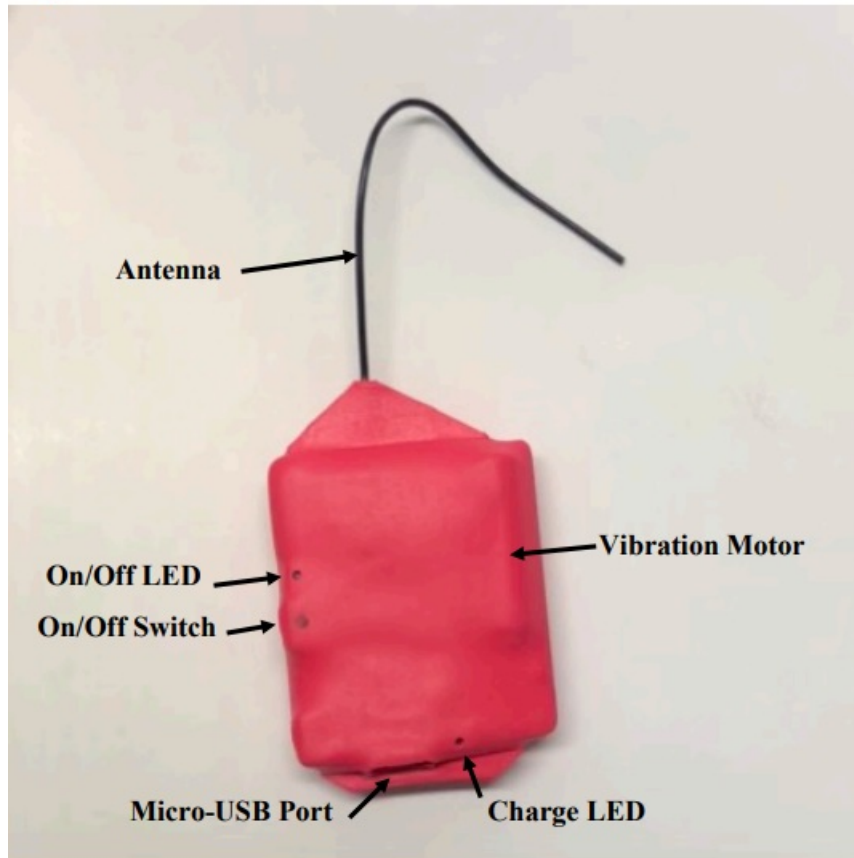
The ClockCom System consists of two components-a transmitter (also, the "PitchRemote") and a receiver (also, the "PitchClock"). At the end of a timed period, the transmitter receives a signal from the timer and wirelessly transmits a signal to the PitchClock receiver which produces a haptic signal to the wearer of the PitchClock receiver.

## USING THE PITCHCOM SYSTEM-Basic Component Functions

### PitchClock Receiver

The receiver is shown in Figure 1. The receiver has a micro-USB port for charging and updating firmware. A charge LED glows red when the receiver is charging. The receiver is turned on by depressing an on/off switch, which is covered by shrink wrap. The receiver is turned off by depressing and holding the on/off switch.

**Figure 1**



In operation, after being turned on, upon receiving a signal through the antenna from the transmitter, the receiver activates the vibration motor for a given amount of time. The wearer of the receiver can perceive this activation as a haptic signal or buzz.

### Transmitter

The PitchRemote transmitter is shown by itself in Figure 2. The transmitter does not have an on/off switch and is always ready to transmit. There are 9 pitch/location buttons, a cancel button, and two catcher volume adjustment buttons. Also, the transmitter has a micro-USB port through which the transmitter is charged and can receive firmware upgrades, an antenna wire, and a status LED above the cancel button. A white LED is also provided.

**Figure 2**



The PitchRemote transmitter is connected to a clock timer. When the clock period reaches a certain time, such as zero seconds, the clock timer sends an expiration signal to the transmitter through a cable connecting the clock timer and the micro-USB port of the transmitter. When the expiration signal is received, the transmitter then wirelessly transmits a signal to the receiver that then activates the vibration motor, as described above.

## **System Maintenance**

The PitchCom System components are designed to be very low maintenance.

The receivers are charged through their micro-USB ports. Firmware upgrades and audio tracks are provided through the micro-USB ports. Each battery charge should last at least 6 hours of continuous receiver use. We recommend recharging the receivers after each game in which the units are used. Any micro-USB plug and standard wall transformer can be used to charge the receivers.

The PitchRemote transmitter is charged through the micro-USB port.

## **PitchClock FCC Compliance 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.

**CAUTION:** The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications 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.

This equipment has been tested and meets applicable limits for radio frequency (RF) exposure.

## **PitchClock Canadian Compliance Statement**

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

**NOTE:** This equipment has been tested and meets the applicable limits for radio frequency (RF) exposure under RSS-102

JHCF LLC  
PRODUCT MODEL: PitchClock  
FCC ID: 2A302-PITCHCLOCK  
IC: 27925-PITCHCLOCK

## PitchRemote

### FCC COMPLIANCE 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.

**CAUTION:** The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications 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.

This equipment has been tested and meets applicable limits for radio frequency (RF) exposure.

JHCF LLC  
PRODUCT MODEL: Pitch Remote 2.0  
FCC ID: 2A302-PITCHREMOTE  
IC: 27925-PITCHREMOTE



### Canadian Compliance Statement

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

NOTE: This equipment has been tested and meets the applicable limits for radio frequency (RF) exposure under RSS-102.

## Documents / Resources

 <p><b>PitchCom SystemManual</b></p> <p><small>Please refer to the PitchCom system manual for detailed information about the system's features and operation.</small></p> <p><small>No warranty is made by the manufacturer or its authorized agents for the performance of the system under conditions other than those specified in the manual. The user assumes all responsibility for the safe and proper use of the system.</small></p>	<h2><a href="#">PITCHCOM ClockCom Baseball Communication System</a> [pdf] User Manual</h2> <h3>2A3O2-PITCHREMOTE, 2A3O2PITCHREMOTE, ClockCom, ClockCom Baseball Communication System, Baseball Communication System, Communication System</h3>
 <p><b>PitchCom SystemManual</b></p> <p><small>Please refer to the PitchCom system manual for detailed information about the system's features and operation.</small></p> <p><small>No warranty is made by the manufacturer or its authorized agents for the performance of the system under conditions other than those specified in the manual. The user assumes all responsibility for the safe and proper use of the system.</small></p>	<h2><a href="#">PITCHCOM ClockCom Baseball Communication System</a> [pdf] User Manual</h2> <h3>2A3O2-PITCHCLOCK, 2A3O2PITCHCLOCK, ClockCom, ClockCom Baseball Communication System, Baseball Communication System, Communication System</h3>

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