

## FuzeX™ Operator's Guide

Last Update: August 8, 2022



**COMPANY PROPRIETARY**

### Description

The FuzeX™ module was designed to be installed in several types of ordnance to enhance training for EOD personnel. Used in conjunction with the X-CAP receiver, it is designed to wirelessly connect to all of Explotrain's blast simulators to provide realistic audible feedback to the trainee when a safety is violated, such as movement or cocked striker.

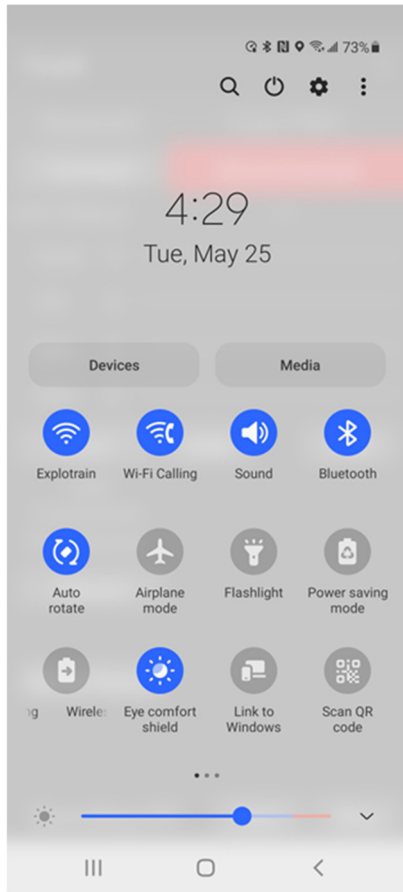


## Operation (Quick Start)

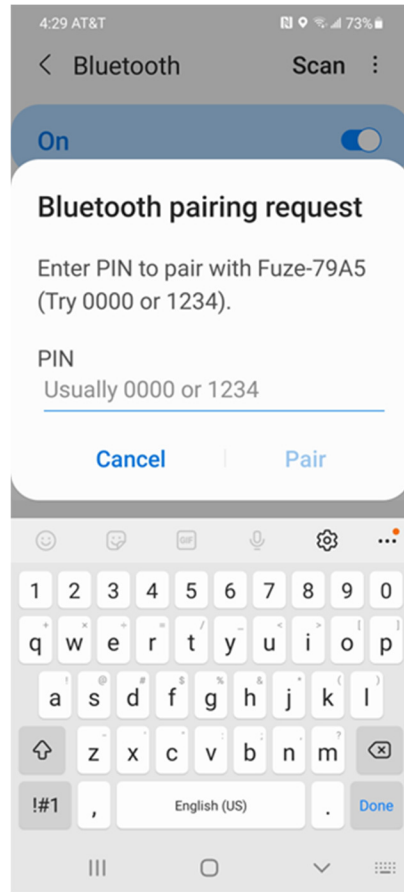
1. Turn on the Tablet. On the Home screen, find and tap on the FuzeX™ app icon.
2. Press the Power Button on the bottom of the FuzeX™ module.
3. On the tablet, swipe down from the top and tap the Bluetooth icon. Pair the Tablet to the corresponding address that is written on the circuit board of the module. When prompted for a password, enter '1234'.
4. On the FuzeX™ app, tap the 3-dot Menu icon in the upper right corner of the screen and tap Bluetooth Setup. Tap 'Select New Device' and choose the corresponding Bluetooth address with the format 'Fuze-XXXX'. Tap 'OK' at the bottom of the screen.
5. On the Control screen, tap 'Connect'. The red button that says 'Disconnected' should turn green and display the type of Fuze connected.
6. After successful connection to the device, the options 'View Fuzes', 'View Records', 'Device Settings', etc. are now accessible by tapping the Menu icon in the upper right corner of the screen and selecting the desired option.
7. To adjust sensitivity of the FuzeX™ module, select the 'Device Settings' option. The settings range from 0-10. 0 is OFF; 1 is most sensitive; 10 is least sensitive. Default values are set to 5 which is quite sensitive. If an anti-disturbance feature is desired, set all values to 1. Once settings are changed, return to the Control screen and tap 'Reboot Fuze'. Note: whatever orientation the FuzeX™ is in when rebooted will be its new home position.
8. On the Control screen, available options are: 'Idle/Reset', 'Arm', and 'Fire'. Normal operation is to configure the FuzeX™ module for the specific training scenario and then to 'Arm' the device so it can be triggered by the trainee during the exercise. The 'Fire' button on the app gives the Observer/Controller (OC) the option of manually triggering the device to teach lessons of rough handling ordnance should the sensors not be violated due to being set to high tolerances. If any one of the sensors (axial shock, tilt, spin, side shock) is violated past its threshold, a fire signal is sent to the blast simulator via the X-CAP receiver.

## Bluetooth Connection

On the tablet, swipe down from the top and tap the Bluetooth icon (Figure 1). Pair the Tablet to the corresponding address that is written on the circuit board of the module. When prompted for a password, enter '1234' (Figure 2).

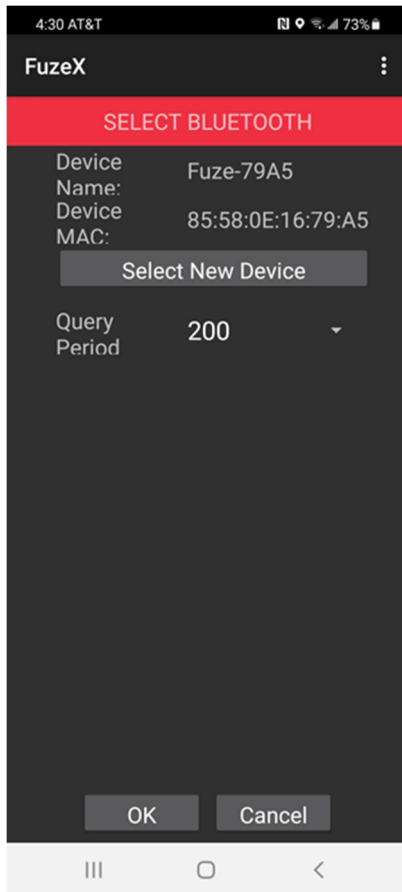


**FIGURE 1**

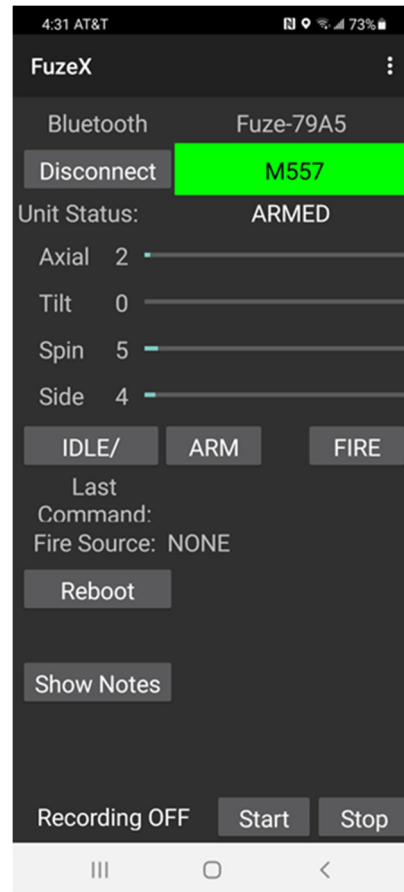


**FIGURE 2**

On the FuzeX™ app, tap the 3-dot Menu icon in the upper right corner of the screen and tap Bluetooth Setup. Tap 'Select New Device' (Figure 3) and choose the corresponding Bluetooth address with the format 'Fuze-XXXX'. Tap 'OK' at the bottom of the screen.



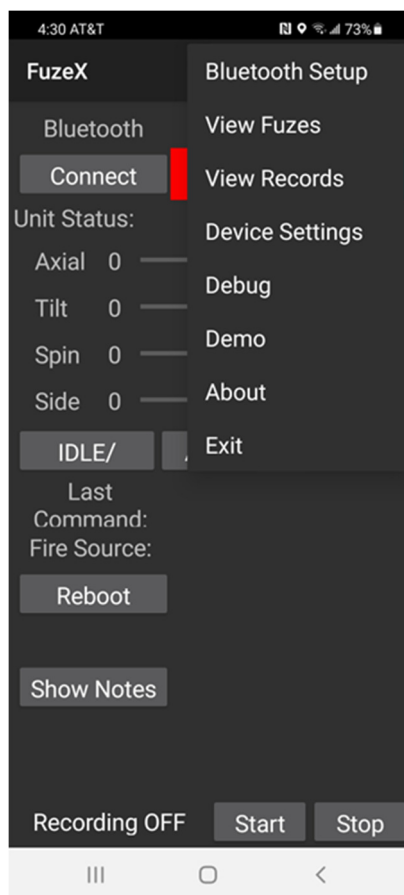
**FIGURE 3**



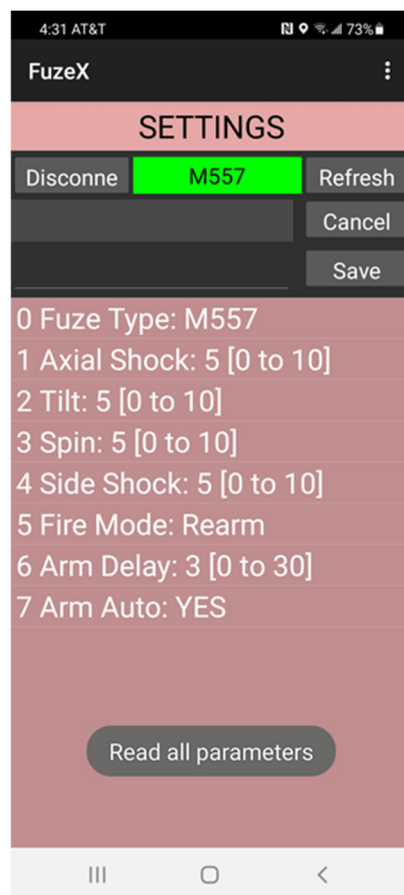
**FIGURE 4**

On the Control screen, tap 'Connect'. The red button that says 'Disconnected' should turn green and display the type of Fuze connected (Figure 4).

After successful connection to the device, the options 'View Fuzes', 'View Records', 'Device Settings', etc. are now accessible by tapping the Menu icon in the upper right corner of the screen and selecting the desired option (Figure 5).



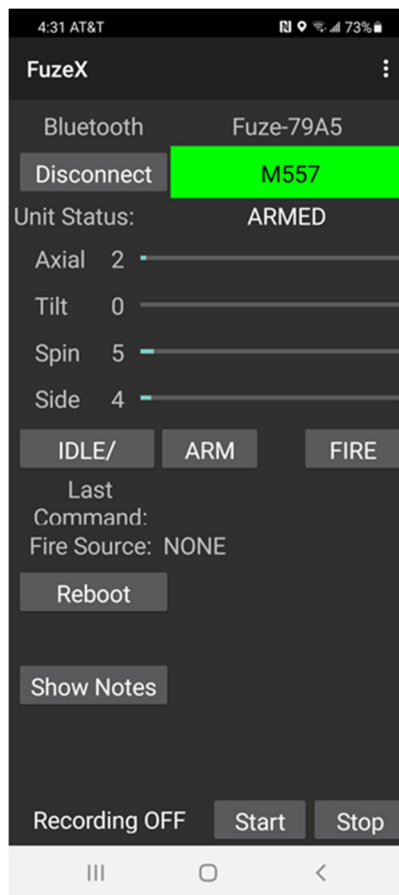
**FIGURE 5**



**FIGURE 6**

To adjust sensitivity of the FuzeX™ module, select the 'Device Settings' option (Figure 6). The settings range from 0-10. 0 is OFF; 1 is most sensitive; 10 is least sensitive. Default values are set to 5 which is quite sensitive. If an anti-disturbance feature is desired, set all values to 1. Once settings are changed, return to the Control screen and tap 'Reboot Fuze'. Note: whatever orientation the FuzeX™ is in when rebooted will be its new home position.

On the Control screen, available options are: 'Idle/Reset', 'Arm', and 'Fire'. Normal operation is to configure the FuzeX™ module for the specific training scenario and then to 'Arm' the device so it can be triggered by the trainee during the exercise. The 'Fire' button on the app gives the Observer/Controller (OC) the option of manually triggering the device to teach lessons of rough handling ordnance should the sensors not be violated due to being set to high tolerances. If any one of the sensors (axial shock, tilt, spin, side shock) is violated past its threshold, a fire signal is sent to the blast simulator via the X-CAP receiver.

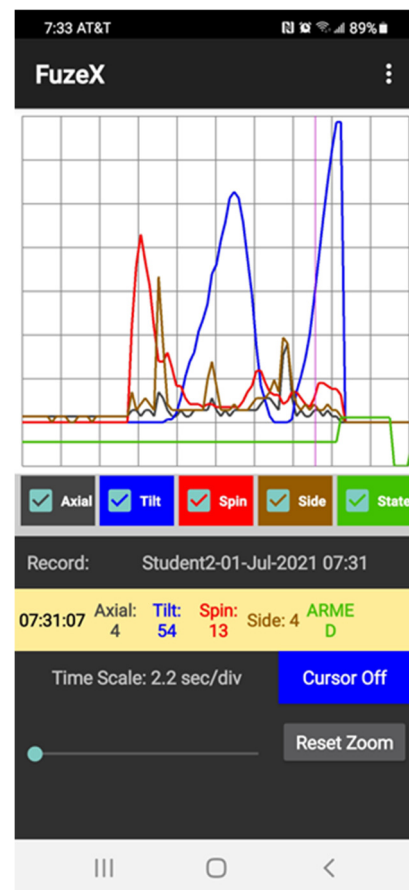
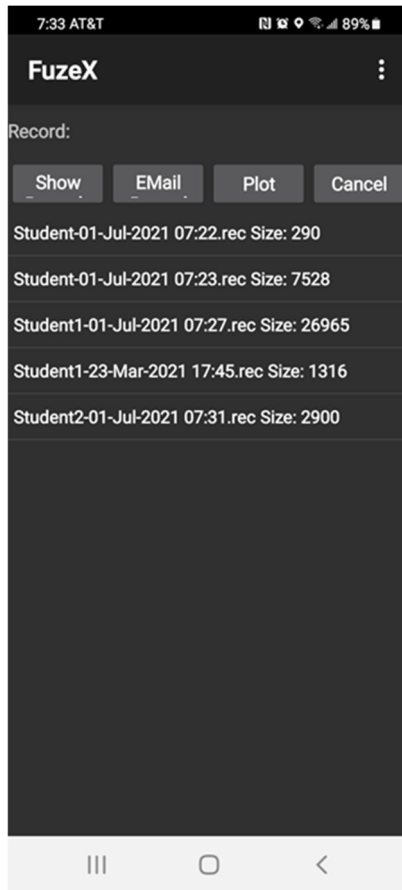


**FIGURE 7**

## FuzeX™ Session Recording

The FuzeX™ app provides an option to record a trainee session.

1. To utilize this function, tap the Start button at the bottom of the Control screen.
2. Enter the requested Student ID information and tap Done.
3. The recording will automatically start and continue until a safety is violated, at which time the recording will be terminated and recorded.
4. To recall the event, tap the 3-dot Menu icon in the upper right corner and select View Records. Select the appropriate record from the list and tap Plot. A graph will be generated upon which you can tap to review various segments of the training session.





**Thank you for purchasing your  
FuzeX™ Module Equipped Device**

**We at Explotrain, LLC truly  
appreciate your business.**

**If you have any questions or comments  
on this, or any of our products, please  
let us know.**

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