

Appendix A: Key Fob User Manual

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Introduction

This Appendix describes functionality and operation of the KEYWATCH key fob. The KEYWATCH key fob allows a user to remotely trigger and de-trigger hotMIC and hotCAM on a KEYWATCH mobile device over Bluetooth Low Energy without operating the device itself. It also allows the user to send and receive distress alerts to and from a Remote Operations Center (ROC) server.

Button Diagram



Holding the fob with the silver key release mechanical release positioned as shown in the accompanying photo, the top button (vehicle lock button) in the image above is Button 1. The middle button (vehicle trunk button) is Button 2, and the bottom button (vehicle unlock button) is Button 3. This scheme is how the buttons will be referred to in this Appendix.

Pairing

The process to pair the KEYWATCH key fob with a KEYWATCH mobile device varies slightly depending on whether you have an iOS or an Android OS device.

If you have an iOS mobile device, simply press a button on the key fob and the fob will start advertising over Bluetooth. The iOS KEYWATCH mobile device should automatically pair and connect with the fob.

If you have an Android mobile device, navigate to KEYWATCH Settings (KW Settings) > Espresso, and tap 'PAIR ESPRESSO'. (To do so, enter the Special Access Mode (SAM) code and tap the 'Caw' icon on your mobile device. The default SAM is *Volume Up, Volume Up, Volume Down, Volume Down, Volume Down*.) Then, simply press a button on the key fob and the fob will start advertising over Bluetooth. The Android KEYWATCH mobile device should automatically pair and connect with the fob.

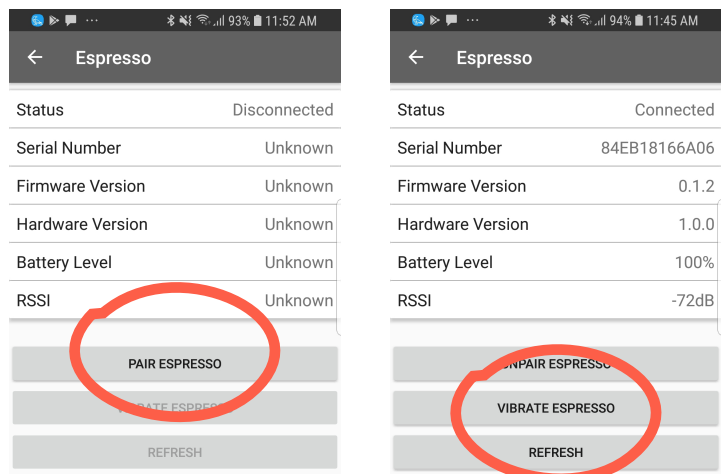
To check that your KEYWATCH mobile device is correctly paired with the key fob, exit out of 'Espresso', and then navigate back on your mobile device to KW Settings > Espresso Management (in the case of an iOS device) or KW Settings > Espresso (in the case of an Android device) and tap 'VIBRATE ESPRESSO'. The key fob should vibrate.

Note: If you have trouble pairing your KEYWATCH mobile device with the key fob, ensure there are no other KEYWATCH mobile devices in the near vicinity, switch Bluetooth off and then back on.

iOS Mobile Device



Android Mobile Device



Triggering Applications

In order to trigger (or de-trigger) KEYWATCH applications, make sure the key fob is awake by pressing any of the buttons once. Then, follow the instructions in the table below depending on the application you would like to turn on or off.

Turn On hotCAM	Hold Button 2 for 3 seconds
Turn Off hotCAM	Hold Button 2 for 6 seconds
Turn On hotMIC	Hold Button 3 for 3 seconds
Turn Off hotMIC	Hold Button 3 for 6 seconds

Sending and Receiving Distress Alerts

Distress alerts can be sent to or received from the ROC server using the KEYWATCH key fob. In order to send a distress alert, press the following sequence of buttons on the key fob: Button 1, Button 2, Button 1, Button 2, Button 1. This will instruct the KEYWATCH mobile device the key fob is paired with to send the distress signal to the ROC as if the panic code had been input on the device itself.

Distress alerts can also be received from the ROC as of ROC version 6.3 and above. A user on the ROC can send a distress signal to the operator of the KEYWATCH mobile device remotely. In this case, the KEYWATCH key fob will begin to vibrate to indicate a distress has been issued from the ROC. If a fob is not connected and awake, then the mobile device will begin to vibrate.

If you do not want to receive distress alerts from the ROC, you can turn the feature off in the KEYWATCH settings on your mobile device by navigating to KW Settings > General > Enable Reverse Panic and toggling the switch to 'OFF'.

Note: If hotMIC is triggered, the distress vibration will be felt on the key fob, but not on the KEYWATCH mobile device in order to prevent interference with the streamed and downloaded audio.

Troubleshooting and Support

The following is a compilation of known hardware and software limitations of the KEYWATCH key fob. Being aware of these limitations will reduce errors during operation.

Hardware Limitations

The KEYWATCH key fob is designed to operate within 25 meters of the KEYWATCH mobile device that it is paired to. Operating at ranges higher than 25 meters may cause the key fob to go out of range of the device and lose its connection. Similarly, if there are physical obstructions between the key fob and the KEYWATCH mobile device, these may interfere with the Bluetooth connection.

Software Limitations

The key fob is designed for iOS versions 6 and above and Android versions 7.0 and above. Therefore, older versions of iOS/Android cannot pair with the KEYWATCH key fob. Do not attempt to operate the key fob with any KEYWATCH device on a version of iOS/Android lower than 6.0.0/7.0.

Note: It is in any event critical that you do not update the Android Operating System to version 9.0 (Pie).

Support

If you encounter a problem that cannot be resolved or if you have a bug to report, please email KEYWAVE Products Support Team at support@keywaveproducts.com and we will respond as quickly as possible.

Please include a detailed description of the question or problem along with any additional relevant information (especially status codes and messages) so the support staff can resolve your issue as quickly as possible.

Legal

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