# SLATESAFETY BABD V2 Propel Connected Worker Safety Wearable Device User Manual
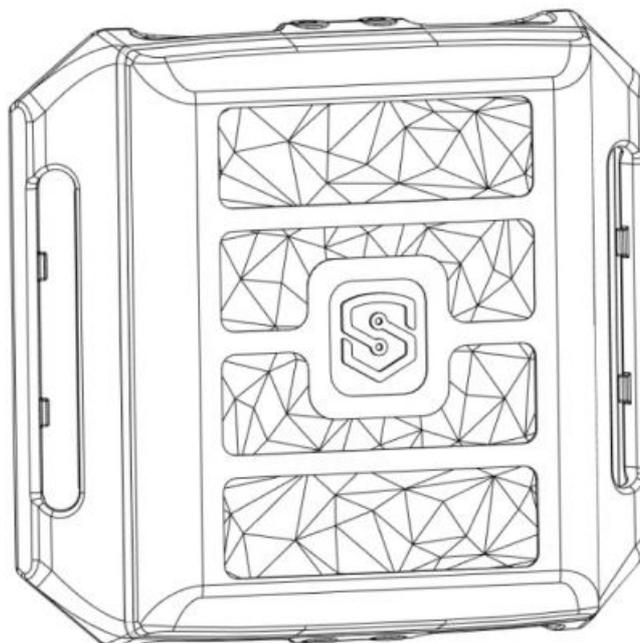
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SLATE SAFETY

**SLATESAFETY BABD V2 Propel Connected Worker Safety Wearable Device**



**Device Specifications**

**General**

| | |
|---|---|
| Chipset | ARM Cortex-M33 |
| Memory | 32 MB (Over 300 hrs of offline use) |
| Weight (ba nd and strap) | 82g |
| Dimensions | 2.7 x 2.8 x 0.53 in. / 68.6 x 71.1 x 13 .5 mm |
| Ruggedization | IP68, High impact polycarbonate plastic |
| Strap | Durable Polyester, Nylon hook and loop, Ela stic rubber |
| Ports | Proprietary dual magnetic charging port |
| Operating Temperature, Humidity | -20C to +55C, 5% to 95% relative humidit y (non -co ndensing) |
| Storage/ Charging Temp. | OCto +45C |
| Connectivity | |
| Bluetooth | Bluetooth® 5.3 |
| Cellular Data | LTE-M / NB-loT (subject to regional support) |
| GPS | L1 Band |

## Device Specifications

| | |
|---|---|
| Sensors | |
| 6-Axis IMU | Gyroscope, Acce lero m eter |
| Body Proximity Sensor | Advanced On Body detection |
| PPG Sensor | Industry-leading sensor that measu res wide variety of biometric dat a |
| **Feedback** | |
| Vibration | High G-force hapti c motor |
| LED | Quad RGB LED indicators |
| **Battery** | |
| Capacity | 700 mAh, 3 Wh, Lithium-ion polymer, UL164 2 Certified |
| **Security** | |
| Security | Arm TrustZone, End to end data encryption |
| **Compatibility** | |
| PPE | Designed to be worn underneath standard PPE equipment |

## Accessories + What is Included in the Box

| Included Accessories | |
|---|---|
| Inside BAND V2 Box | BAND V2 CHARGER V2 Cable,CHARGER V2 AC/DC  adapter, BAND V2 Information Booklet, STRAPV2 |

| Accessories | |
|---|---|
| MULTI-CHARGER V2 | High capacity charging system |
| GATEWAYV2 | Network adapter for cell-deniedor restricted areas |
| BEACON V2 | Ambient environment monitoring, Collision Avoidance, Indoor location/zone tracking |

| CHARGER V2 Specifications | |
|---|---|
| Cable | 4 ft, Ultra-Flexible Cable |
| AC/DC Adapter | In t: 1OOVAC – 240VAC 50/60Hz t: 6.2VDC I A UL isled : ES 88 |

## Legal Information

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. Any change or modification not expressly approved by SlateSafety could void the user's authority to operate equipment.
This device is not a medical device and is not designed or intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of disease.
FCC ID: 2A357002
Contains FCC ID: 2A3579160
For Device Warrenty Information, please visit: **slatesafety.com/warranty**
For Terms of Service, please visit: **slatesafety.com/terms-of-service**
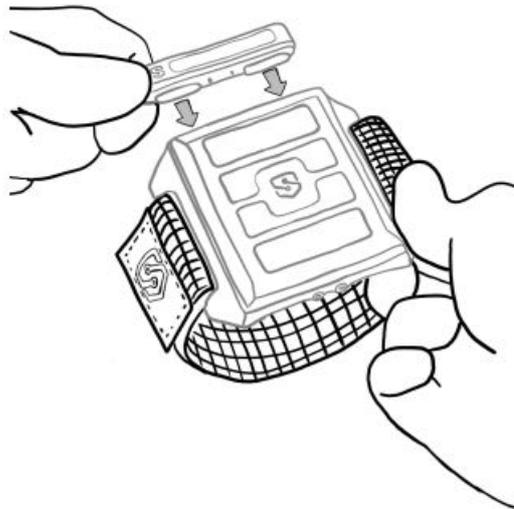For Privacy Notice, please visit: **slatesafety.com/privacy-notice**
FireHUD Inc. d.b.a SlateSafety BAND V2

## Proper Device Usage

The BAND V2 should be worn on the upper arm with direct skin contact. For optimal performance, place the center of the device between the bicep and tricep muscles and, if possible, avoid tattoos. The strap should be tight enough so that the device doesn't move around easily on the arm, but loose enough as to not cut off blood.

## Charging



To charge the BAND V2, there are two options:

1. Attach CHARGER V2 (included)
2. Insert device into MULTI CHARGER V2 (not included)

While charging, the device will display pulsing blue LEDs. After charge completion, the device will display solid magenta LEDs.

## Setup Information

**Important** – Before device usage, ensure that the BAND V2 has been properly assigned to a User with a Loadout in the SlateSafety software, located at **app.slatesafety.com**.

**Alerts** -If Alert thresholds are set in the User's Loadout, an Alert will trigger when any Alert threshold is crossed. When an Alert is triggered the BAND V2 will notify the User with vibrations and LED feedback.

**Return to Work**– If Return-To-Work thresholds are set in the User's Loadout and they have recently triggered an Alert, a Return-To-Work will trigger when all ReturnTo-Work thresholds are crossed. When a Return-ToWork is triggered, the BAND V2 will notify the User with two short vibrations and green LED feedback.

## Usage Information

**On Body Mode** – The BAND V2 uses a combination of sensors to determine when the device is being worn. Once worn, the device will provide brief feedback to the User via one short vibration and one orange LED pulse.

**Sleep Mode** – When not being worn and not being charged the BAND V2 will go into a low power sleep mode in order to conserve battery. It will awaken automatically once placed on charger or on the arm.

**Tap Alert** – If enabled in the User's Loadout, a User can trigger a Tap Alert by following the instructions located at slatesafety.com/tapalert. When successfully triggered, the device will provide feedback to the User via vibrations and LED.

## Support Information

For additional support materials, or to open a support ticket please visit: **slatesafety_com/support**
For email support, please email: **support@slatesafety.com**
If you have any questions, comments, or concerns, please do not hesitate to reach out to a SlateSafety representative.

## Documents / Resources

| | **SLATESAFETY BABD V2 Propel Connected Worker Safety Wearable Device** [pdf] User Manual<br>002, 2A357002, BABD V2, Propel Connected Worker Safety Wearable Device, BABD V2 Propel Connected Worker Safety Wearable Device, Wearable Device |
|---|---|

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