



## IP-RC

BLE CONTROLLED  
RELAY BOARD

## IP-PB

WEARABLE PANIC  
BUTTON SYSTEM FOR IPX



### TECHNICAL DATA SHEET

## PRODUCT SUMMARY

The AtlasIED Rapid Alert system is a wearable panic button notification system for use with IPX IP endpoints for mass communication.

AtlasIED IP-RC is a BLE controlled relay board designed to mount on the control board of a IPX Series PoE+ endpoint and is used in conjunction with AtlasIED's IP-PB lanyard style wireless BLE panic button.

This system provides the user with the ability to trigger a notification in a facility to notify others of an event the needs further attention.

## FEATURES

- BLE Controlled Relays.
- Powered by IPX Control Board or External 24VDC.
- 2 NO Relays.
- Configurable for Relay Closure or Pull-Down Transistor.

## APPLICATIONS

Model IP-RC connects directly to the IPX series control board for power and provides 2 relay closures for control.

The IP-RC will trigger a relay connected to a IPX GPI input via a button push on the wireless panic button (IP-PB), starting a notification on either Singlewire's InformaCast® or Syn-Apps Revolution® notification applications.

This notification can be sent to any number of IPX Series devices in the facility indicating an event that needs attention.

The IP-RC can receive 2 notification types from the IP-PB wireless panic button. A rapid 2 button press sequence will active relay 1 and a rapid 6 button press sequence will activate relay 2. Each of these events can initiate a separate event in the notification application.

# IP-RC

BLE CONTROLLED  
RELAY BOARD

# IP-PB

WEARABLE PANIC  
BUTTON SYSTEM FOR IPX



## TECHNICAL DATA SHEET

### TECHNICAL SPECIFICATIONS

IP-RC	
Type	BLE Controlled Relay
Operation Temp	-10° C to 65° C
Indicators	4 LED (Relay 1 and 2, Power, Status)
General Purpose Interface	Two NO Relays or Two Pull Down Transistors Outputs (Jumper Configurable)
Operating Voltage	24VDC ± 2V
Relay	1A 125VAC, 60VDC Max
Operation Humidity	Max 70% RH non-condensing
Buttons	SW1 Reset
Product Dimensions (HxWxD)	2.91" × 1.89" (74mm x 48mm)
Product Weight - ounce	Relay Board 0.88 oz (25gms)

IP-PB	
Communication	BLE 5.0 UWB (Ultra Wide Bandwidth)
Material	ABS
Color	White
Battery	Lithium Ion Battery 850mAh
Battery Life (Normal Use)	3 Years
Ingress Protection	IP67
Operating Temperature	-20°C ~+ 60°C
Operating Humidity	0 ~ 99% RH
Botton	1
Indicator	1 LED (Button Press and Low Battery)
Product Dimensions (HxWxD)	3.4" x 2.2" x .2" (86mm x 56mm x 4.6mm)
Product Weight - ounce	Badge .70 oz (20g) with battery
Shipping Weight - ounce	.7 (20g) (with battery)
Safety Agency Ratings	FCC
Logo	UV Printed Logo

WARRANTY COVERAGE	
Warranty Period	1 year

# IP-RC

BLE CONTROLLED  
RELAY BOARD

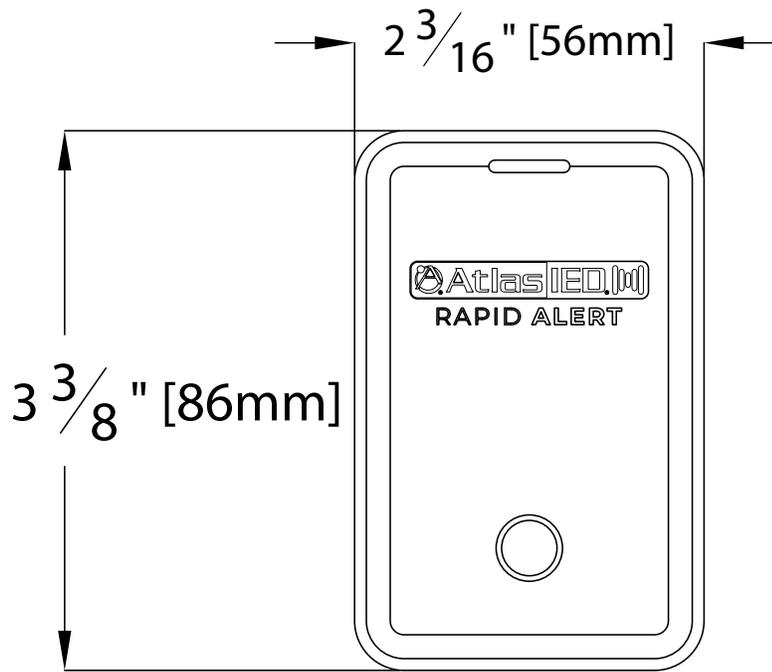
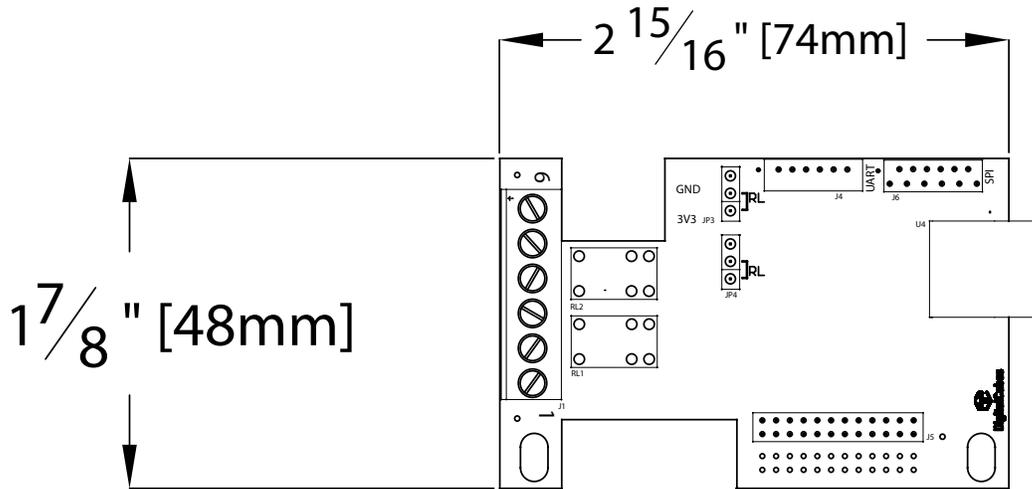
# IP-PB

WEARABLE PANIC  
BUTTON SYSTEM FOR IPX



## TECHNICAL DATA SHEET

### DIMENSIONAL DRAWINGS



FRONT

**IP-RC**  
BLE CONTROLLED  
RELAY BOARD

**IP-PB**  
WEARABLE PANIC  
BUTTON SYSTEM FOR IPX



TECHNICAL DATA SHEET

COMPATIBILITY DEVICE LIST

CATEGORY	DEVICES
Compatible Devices	IP-SDMF, IP-SDMF-72, IP-SDM, IP-SDM-72, IP-SDH, IP-SM, IP-SM-72, IP-DDS, IP-DD, IP-12SYSM, IP-12SYSMF, IP-22SYSM, IP-22SYSMF, IP-DM, IP-DMF, IP-F
Not Recommended Devices	IP-8SM, IP-HVP, IP-8SCMF, IP-APX, IP-PM8GD-B, IP-ZCM, IP-ZCM1RMK, IP ZCM2RMK

# IP-RC

BLE CONTROLLED  
RELAY BOARD

# IP-PB

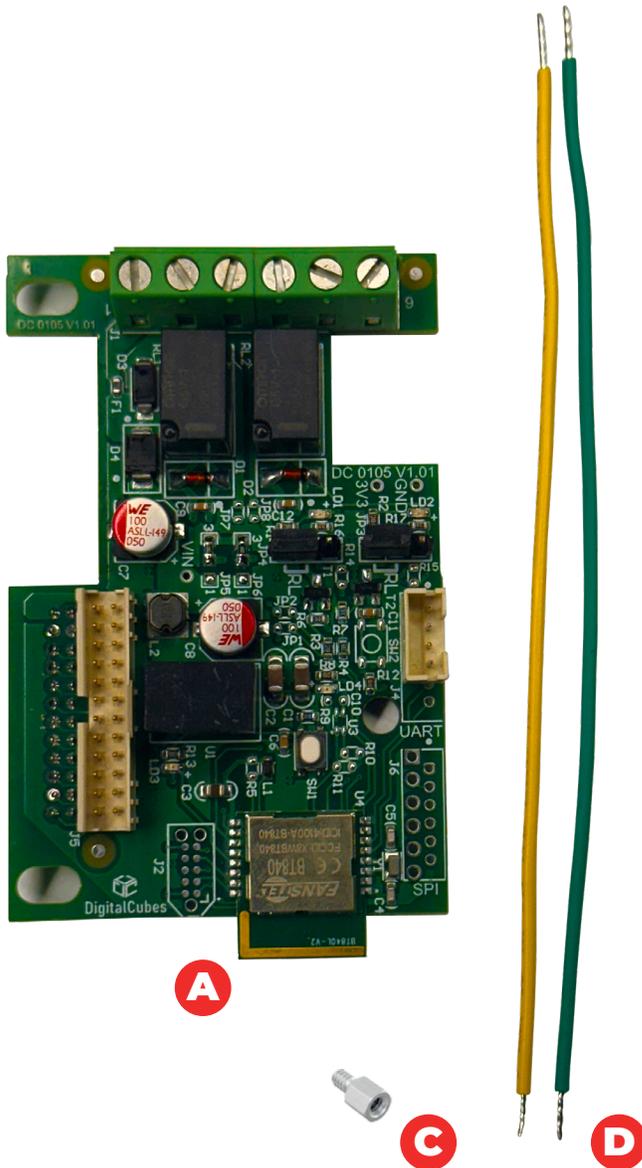
WEARABLE PANIC  
BUTTON SYSTEM FOR IPX

## TECHNICAL DATA SHEET



### PACKAGE CONTAINS

ITEM		QUANTITY
A	IP-RC - BLE Controlled Relay Board	1
B	IP-PB - Lanyard Style Wireless BLE Panic Button (Sold in packs of 10)	10
C	Mounting Wires	4
D	Hex Standoff	1



# IP-RC

BLE CONTROLLED  
RELAY BOARD

# IP-PB

WEARABLE PANIC  
BUTTON SYSTEM FOR IPX

## TECHNICAL DATA SHEET



### ARCHITECT & ENGINEER SPECIFICATIONS

The Rapid Alert system shall include AtlasIED model IP-RC and IP-PB.

The IP-RC shall be plugged in to the AtlasIED IPX Series IP speakers control board. The IP-RC contains two relay closures that shall be used to activate either or both of the GPI inputs on the IPX controller board.

Activating a rapid series of button pushes on the IP-PB will result in a relay closure on the IP-RC. 2 rapid button presses will activate relay 1 and 6 or more rapid button presses will activate relay 2.

The IP-RC relay closure will cause the IPX series GPI inputs to activate a pre-programmed message activation on either AtlasIED's GCK®, Syn-Apps' Revolution®, Singlewire's InformaCast® software platforms.

Connecting wires and mounting hardware shall be included.

©/2025 Atlas Sound LP. The Atlas "Circle A", Soundolier, and Atlas Sound are trademarks of Atlas Sound L.P. IED is a Registered Trademark of Innovative Electronic Designs LLC. All rights reserved. All other Trademarks are property of their respective owners. No endorsement is implied. Due to continual product development, specifications are subject to change without notice. AT5008314 RevA 03/25