

MESS Safe – Wearable Device



Product Description

The MESS-SAFE wearable device is designed based on Bluetooth Low Energy (BLE 5.0) wireless technology.

MESS Safe wearable device can be used in many applications that require distance control and proximity detection.

Product Options

- Supports DFU (Firmware update)
- Integrated Accelerometer Sensor
- LED, Vibration and Sound Alert
- Sleep Mode
- Standalone Operation

Battery Life

Standard daily use: ~4-6 months

Product Specifications

PROCESSORS	MAIN	Ultra-Low Power RF Transceiver NRF52832
	CORE	32-bit ARM® Cortex™-M4F
	MEMORY	512kB flash + 64kB RAM
POWER SUPPLY	POWER SOURCE	Battery
	BATTERY VOLTAGE	3V DC
	BATTERY TYPE	3V Lithium Coin / CR2477
	BATTERY RATED CAPACITY	950mAh
	BATTERY REPLACEMENT	Yes
RADIO	PROTOCOL	2.4GHz Bluetooth Low Energy (Bluetooth 5.0)
	SENSITIVITY	down to -96 dBm
	TRANSMISSION POWER	up to +4 dBm
	RANGE	appx. 1,5mt. default configuration
FIRMWARE UPDATE		Supported (DFU)
SENSOR		Ultra-Low Power 3-axis accelerometer
OUTPUTS		LED x 2 Buzzer Vibration Motor
OPERATIONAL TEMPERATURE		-20 °C ~ +60 °C