

Device Maintenance

Battery Replacement

Materials:

Small Phillips Head Screwdriver

Replacement Battery (LTC-7PN)

- Puncture the center of the back label with the screw driver and unscrew the enclosure.
- Remove the battery by pulling it perpendicular to the circuit board.
- Insert the new battery into the terminals and verify it is secure.
- Screw the enclosure back together securely.

Note: Be sure not to over tighten the screws or strip the threads.

Battery Warning

WARNING: FIRE, EXPLOSION, AND SEVERE BURN HAZARD. DO NOT SHORT CIRCUIT, CHARGE, FORCE OVER DISCHARGE, DISASSEMBLE, CRUSH, PENETRATE OR INCINERATE. BATTERY MAY LEAK OR EXPLODE IF HEATED ABOVE 80°C (176°F).

Recalibration

The Event101 and Event110 have a digital input signal and cannot be calibrated. A certificate of conformance can be provided.

To send the devices back, visit www.madgetech.com, select Services then RMA Process.

Part Number	Event101	Event110
Input Range	0 to 12VDC continuous; (0 to 30VDC peak)	
Input Low	<0.4V	
Input High	>2.7V	
Internal Weak Pull-Up	<500µA	
Recommended Duty Cycle for Inputs Greater than 12VDC (Over 1 minute interval)	18V: <50% 24V: <25% 30V: <10%	
Sample Rate	1 second to 12 hours	
Minimum Time Resolution	1 second	
Minimum Input Active (Low) Time	1 millisecond	4 millisecond
Memory	13,107 events	
LED Indicator	Red	
Required Interface Package	IFC110 or IFC200	
Baud Rate	2,400	57,600
Typical Battery Life	1 year	10 years
Operating Environment	-40 to +80°C, 0 to 95%RH (non-condensing)	
Material	ABS plastic	
Dimensions	1.4" x 2.5" x 0.6" (36mm x 64mm x 16mm)	1.7" x 2.7" x 0.8" (44mm x 69mm x 21mm)
Approvals	CE	

Specifications subject to change.

See MadgeTech's terms and conditions at www.madgetech.com

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Event101 and Event110



Event101

Miniature Event Recorder

Event110

Miniature Event Recorder with 10 Year Battery Life

