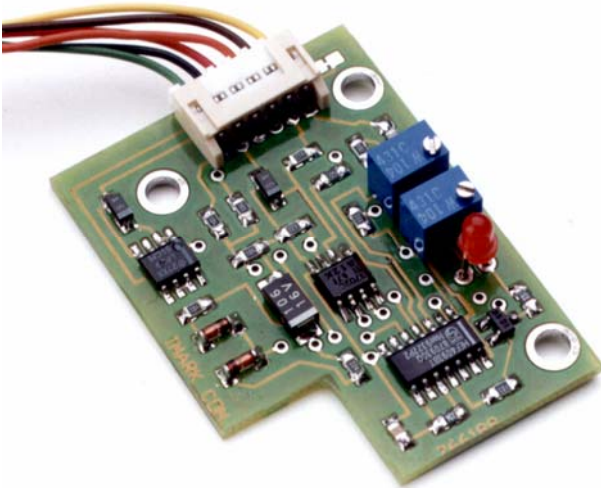


IMARK

PRODUCT DESCRIPTION



LVA-1

LOW VOLTAGE ALARM

Low Voltage Alarm for 12 Volt DC Equipment

Imark Stock # [930192](#)

Features:

- Compact Size
- Easily fitted to Kyodo KG110 Repeaters
- Suitable for installation in any 12 Volt electronic product
- Low quiescent current
- Adjustable DC Voltage Sense level

DESCRIPTION:

The **Imark LVA-1 Low Voltage Alarm** is an electronic module that can be installed in Bases, Repeaters, Powers Supplies, and similar equipment to monitor the supply voltage, and provide an audio output to indicate when the voltage falls to a critical level.

Whenever the supply voltage becomes less than the preset voltage level on the module, an alarm tone is generated. This alarm tone is ON for 600mS and OFF for 400mS. This tone is normally applied to the transmitted signal during the transmitter TX Delay Period as a means of providing users with an audible tone to indicate that the supply voltage is below the present level. Users can then curtail the use of the equipment to conserve the electrical energy remaining in the batteries.

The **Imark LVA-1 Low Voltage Alarm** is normally installed at Solar Powered, or battery backed-up mains powered repeater sites. However, it can also be installed at the DC Output of a Power Supply as a means of detecting AC mains power failures.

Alternatively, the **Imark LVA-1 Low Voltage Alarm** module can be configured as a "ROGER BEEP" to send a "BEEP" tone on the TX Delay of a repeater.

SPECIFICATIONS:	
Operating Voltage	11 - 15 Volts
Stand-by Current	0.5mA
Active Current	15mA
Low Voltage Detection Range	8 - 14 Volts Adjustable
Hysteresis	0.5V
Alarm Tone	1KHz Tone Repeating at 600mS ON, 400mS OFF.
Busy and PTT Level	HIGH = 3 - 10 Volts, LOW = 0 - 2.5 Volts
Mod Output Impedance	>100K Ω
Mod Output Level	0 - 5Volts p-p
Unit Dimensions	48(W) x 35(D) x 11(H) mm
Shipping Dimensions	155(W) x 120(D) x 45(H) mm
Unit Weight:	13 Grams
Shipping Weight:	90 Grams
Inclusions	Mounting Screws, Cable Assembly with connector
Approvals	
Imark Stock #	930192
Options	