

Sensormatic®

AMB-1101 Deactivator

Installation Guide



ZBAMB1101

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About the Product

The AMB-1101 deactivator deactivates UltraStrip security labels rubbed and swirled on its surface. The deactivate field is 12.7cm (5in) square and 10.1cm (4in) high. Deactivation is indicated by the LED turning briefly orange along with a long beep.



CAUTION: Do not deactivate labels on audio or videotapes. The deactivate field is not magnetic media safe.

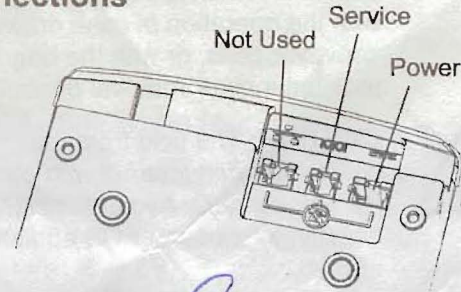
Power

The deactivator is powered by a separate certified limited power source that plugs into an ac outlet. An LED on the deactivator is solid green when power is applied.

Configuration Software

This deactivator requires the use of Sensormatic Universal Configurator Version 3.016 or higher.

Connections



Connection	Description
Power	The power supply connects here.
Service	Your laptop computer connects here to run the configurator software.

Status Indications

Routine Operation

Status	LED	Tone
Power On Sequence	Flashing Green*	Short Beep
Ready	Solid Green	—
Label Detected, but Not Deactivated	Fast Flashing Red	Short Beeps for 2 Sec.
Label Deactivated	Briefly Orange	Long Beep

* LED may flash green for up to 1 minute. Verify the current firmware version is loaded.

Error Indications

Status	LED	Tone
Fault Condition	Solid Red	—
Line Sync Fault	Slow Flashing Red	—

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Installation Requirements



WARNING: Hazardous areas.

DO NOT install the deactivator where highly combustible or explosive products are stored or used.



WARNING: RISK OF ELECTRIC SHOCK!

No user-serviceable parts! DO NOT attempt to open the deactivator.

Power Cord. The cord cannot interfere with the operation of cash drawers, conveyor belts, or with the operation, maintenance or removal of equipment.



CAUTION: The field from the deactivator can interact with certain POS equipment. Avoid placing the deactivator close to POS equipment.

Configurator Settings

- Audio Enable: ON
- Manual Phasing: ON
- Detection Only: OFF
- Label Type: DR
- Height Compensation: 7.0
- Ext. Enable: Default is OFF
- Detect Alert: ON
- Scan Enable Time: 0–30 seconds in one second increments. Default is 0.

Tools Required

- Power drill and drill bits
- Phillips screwdriver
- Hand vacuum and broom.

Install Kit Required

Power Supply 5606-0079-01

Install Kit 0352-0409-01

Item	Qty	Part Number
Velcro, Hook, w/Adhesive	0.5ft	3200-0358-01
Velcro, Loop, w/Adhesive	0.5ft	3200-0358-02
Cable Tie, 5-1/2"L x 16"W, Nylon	3	6009-0001
Mount, Adhesive Backed, 1-1/8 sq.	3	6009-0003
Clamp, Cable, Nylon, .313D, 0.172MTG	2	6010-0035-10
Label, Keep Magnetic Media	1	2402-1301-01
Pad, Alcohol	2	1600-0033
Grommet, Edge	1ft	3200-0007-06

Installation

Positioning the deactivator so the LEDs face away from the sales associate:

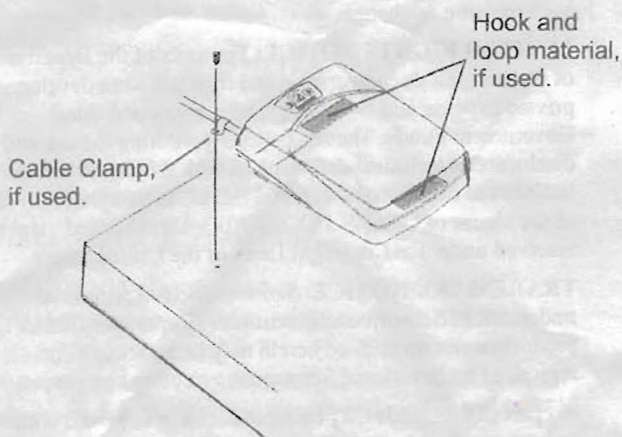
1. Using hook and loop material, secure the deactivator to the countertop.
 - a. Using the alcohol pad supplied, clean the surfaces of the deactivator and tabletop where the adhesive surface of the hook and loop material will contact.
 - b. Mate hook and loop material, then cut hook and loop material into two strips.
 - c. Remove the liner from the hook side of each strip, then fasten a strip to the flat area on the bottom front and rear edges of the deactivator.
 - d. Place the deactivator in the desired location and press down.
2. Connect the deactivator and power supply cables together and secure the power cable.

Using cable ties (not shown):

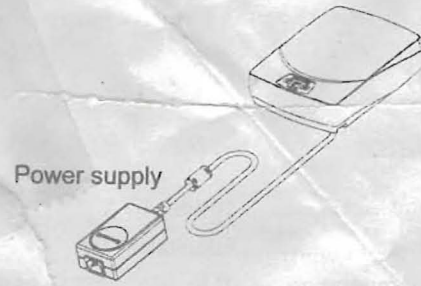
- a. Remove the liner from the adhesive-backed mount and run a tie through the hole in the mount and around the cable.
- b. Fasten the cable tie securely around the cable and remove excess.

Using the cable clamp:

- a. Place the clamp around the cable near the antenna.
- b. Secure the clamp in place using a screw.



3. Plug the power supply into an ac outlet. The deactivator produces a brief tone at power up.



Operational Test

1. Once the deactivator is on, the LED glows green to indicate the unit is ready (if it blinks, verify that the current firmware version is loaded).
2. On the laptop computer, open the Universal Configurator.
3. Position a label vertically approximately 18cm (7in) above the center of the deactivator, then slowly lower it.

At about 15.2–17.8cm (6–7in) from the deactivator, the LED should blink RED along with short beeps for about 2 seconds (indicating detection).

When the label is within 10.2–12.7cm (4–5in) of the deactivator, the LED should turn briefly orange along with a long beep (indicating deactivation).

After deactivation, the LED returns to solid green.

Note: If the LED turns solid red during this procedure, replace the deactivator.

Cleaning the Deactivator

Clean exterior surface using a soft cloth moistened with warm, soapy water. Dry thoroughly. **DO NOT** use solvents or scouring cleanser.

Specifications

Model

AMB-1101

Deactivator

Input voltage 18Vdc, 1.7A
 Tone volume Adjustable, Off
 Operating temperature..... 0° to 35°C (32° to 95°F)
 Humidity..... 0 to 90% non-condensing
 Weight (deactivator)..... 0.95kg (2.1 lbs)
 Weight (power supply)..... 0.28kg (0.6 lbs)

Separate Power Supply

Input voltage 100–240Vac, 50/60Hz
 AC line current 1Arms (max.)
 Output voltage 18Vdc, 1.7A Listed Class 2
 Certified Limited Power
 Source

Declarations

Regulatory Compliance

EMC 47 CFR Part 15
 RSS 210
 EN 300330
 EN 301489
 EMF EN 50364
 Safety UL 60950-1
 CSA C22.2.60950-1
 EN 60950-1

FCC COMPLIANCE: This equipment complies with Part 15 of the FCC rules for intentional radiators and Class A digital devices when installed and used in accordance with the instruction manual. Following these rules provides reasonable protection against harmful interference from equipment operated in a commercial area. This equipment should not be installed in a residential area as it can radiate radio frequency energy that could interfere with radio communications, a situation the user would have to fix at their own expense.

EQUIPMENT MODIFICATION CAUTION: Equipment changes or modifications not expressly approved by Sensormatic Electronics Corporation, the party responsible for FCC compliance, could void the user's authority to operate the equipment and could create a hazardous condition.

Other Declarations

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MDR 11/2009

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Grommet, Edge	1ft	3200-0007-06