BEAGLE HARDWARE

Home   Sale Specials   Printers   Accessories   Service   Support   About Us   Contact   Catalog

Cash Drawers
Printers
Power Supplies
Ink Ribbons
Cables
Interfaces
Paper Rolls

POS Buzzer with Sensor
Print alarm with paper sensor

Product brochure

See also our print buzzer for TM-T20 and TM-T88V printers

Complete print alarm kit for receipt and kitchen printers. No software required. Easy installation.

Print Alarm
The POS Buzzer provides a audible buzz every time a document is printed. It plugs into (and draws power from) the cash drawer port on the back of any Epson TM series printer.   The regular buzzer by itself requires that the software send it a command to buzz.. For installations without that option we now offer a print buzzer with paper sensor. The sensor can sound the alarm whenever a paper is printed. The buzzer needs only the power provided by the existing cash drawer port in the back of the Epson/Star/IBM/etc. printer. It works with kitchen, receipt, slip, hybrid - all types of printers.

POSBUZZ Print Alarm with Paper Sensor
Through selectable options, the POSBUZZ can notify employees with an electronic buzzer if an order has been printed on the printer for more than (15-40 seconds). The electronic buzzer can be selected to stay on for 60 second or stay ON until the order is removed from the printer.

For the automatic switch sensor to work properly, the paper must be removed before the POSBUZZ is powered up by the printer. you can only use one Paper Sensor on the POSBUZZ.
The Paper Sensor Alarm features of the POSBUZZ does not require any software changes to your applications. The Paper Sensor alarm works independent of the printer and all applications.
When paper is present, the Paper Sensor Paper sensor will trigger the alarm as per its dip switch settings.

Features

- Print Alarm
  - Sounds a buzzer every time document is printed.
  - Buzzer can be heard even in noisy enjoinments, and can be set from 1-10 sec in duration.
  - Printer powered, no software configuration required
  - Works on any Epson TM series printer, with any kind of interface.
- Connects to Epson TM series printers through existing DM port
- Easy to install, no tools needed, Velcro strip provided for easy mounting
- Easy installation on existing printer.
- No external power supply needed
- No need to touch POS software, computer or terminal.
- Functions with all EPSON, Star, Citizen, IBM and other compatible receipt, kitchen and slip printers

Buzzer and Sensor Unit

Buzzer Sounds Alarm when Paper is Present

Powered through the cash drawer port

POS Buzzer Printer Alarm option

The POS Buzzer can sound an electronic buzzer at the end of a printed receipt. The POS Buzzer is ideal for restaurant kitchen or bar order printers and other service industries. It uses the cash drawer port on the printer for its power. The electronic buzzer is triggered by the cash drawer pulse function of the printer. No cash drawer is required.

Two selectable options are available for the printer alarm.

Option 1: Alarm will sound for a selected amount of time (1 to 10 seconds) when a receipt and then a drawer trigger option is printed. The alarm can be silenced early by pressing the push button located on the top of the POS Buzzer.

Option 2 is that an alarm is sounded when a receipt and the drawer trigger option is printed. This alarm will stay on until the push button on the top of the unit is pressed. Note that an external push button can be installed onto the POS Buzzer if desired.

This configuration is available on most IBM, Star, Epson, Citizen and other compatible POS printers.

Printer and buzzer Installed

Sensor activated buzzer when paper is present

Simple Installation

Installation Overview

- Select alarm mode: use cash drawer **alarm** (see buzzer install page)
- Select time duration between when the paper is sensed and the alarm sounds
- Plug buzzer into printer cash drawer port (see right)
- Plug sensor into the buzzer
- Turn on printer.
- Mount the POS Buzzer where desired using double sided adhesive Velcro
- Mount the sensor on top of the printer

Installation Details

Before installing, if not using an Epson or Star printer you may need to set the jumpers J2 and J3 inside the Paper Sensor with the correct settings for the printer that will connected to the POSBUZZ. See Table 1 for the jumper settings. See Figure 6 for jumper location.

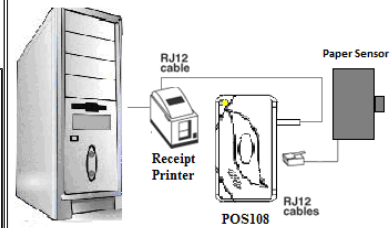**Firgure 1** POSBUZZ and Paper Sensor Paper Sensor Alarm connection illustration: Buzzer plugs into printer, sensor into buzzer.

Setting Buzzer for Sensor Alarm (DIP switches 1,2)		
Description	SW # 1	SW # 2
Sensor Alarm option 1 • Alarm will sound when paper is sensed for XX sec (see below for value of XX) • *Alarm will sound for 60 seconds and shut off.*	ON	ON
Sensor Alarm option 2 • Alarm will sound when paper is sensed for XX sec. (see below for value of XX) • *Alarm will sound until paper is removed.*	ON	OFF

Setting the time to wait after paper is sensed before alarming (DIP switches 3, 4)		
Description	SW # 3	SW # 4
Sensor Alarm: wait **15** seconds before alarming	ON	ON
Sensor Alarm: wait **20** seconds before alarming	ON	OFF
Sensor Alarm: wait **30** seconds before alarming	OFF	ON
Sensor Alarm: wait **40** seconds before alarming	OFF	OFF

Confirm that the POSBUZZ has the same printer selected jumper J1. You can also adjust the sensor head position from 0 to 30 Degrees maximum. See Figure 2 and Figure 3.

sensor plugs into the buzzer

Apply the provided Velcro to the bottom of the Paper Sensor and attach to printer as illlustrated in Figure 2.

Figure 2 Sensor Mounting onto Printer and Sensor Head position Adjustment

Adjust the position of the Paper Sensor as not to block the paper path. See typical table top and wall mount installationsshown in Figure 3.

Place the sensor on top of the paper hole as shown in Figure 3.

Figure 3A Table top or Wall Mount position

Figure 3B Wall mount Orientation

Position the POSBUZZ onto the printer so that it does not constrict the changing of the paper roll for the printer. See figure 4.

Figure 4 Paper Sensor & POSBUZZ Mounting onto POS Printer

J2	J2 Star / Citizen (Pin 2-3)	Epson/ IBM Printer (Pin 1-2) Default
J3	J3 Star / Citizen (Pin 2-3)	Epson/ IBM Printer (Pin 1-2) Default

Table 1: Jumper location and description on the Paper Sensor PCB

You can install the Paper Sensor in either Drawer 1 or Drawer 2 of the POS 108. For best performance, keep Paper Sensor Paper sensor away from sunlight. Exterior Infrared Light sources will interfere with the Paper Sensor performance and may cause false alarms.

WHAT'S INCLUDED:

- POS Print Alarm
- Paper Sensor
- Velcro Attachments or alarm and sensor
- Connecting cords
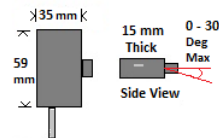
WARRANTY:
1-year limited warranty for parts and labor.

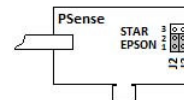**Figure 5** POS –Sensor Dimensional Views

Figure 6 Paper Sensor PCB Panel Layout

Troubleshooting

Alarm wont sound

- Sensor is not plugged into port on buzzer
- Buzzer is not plugged into printer
- DIP Switch settings (1 + 2) aren't set for Cash Drawer/Sensor
- Sensor is not positioned properly to sense paper. Green light on buzzer should flash when paper sensor is active.
- Timing interval is too long - shorten time to pause before alarming (DIPS 3,4)

Alarm Sounds at wrong time

- Printer was turned on with paper sensor active. Remove paper and power cycle printer.

Light on Buzzer Flashes, but no alarm

- Timing interval is too long - shorten time to pause before alarming (DIPS 3,4)

Price	
	$59.95
	Buy Now
	POSBUZZSNSR

More Information:

- Print Alarm (main page)
- Configuration and setup
- Epson Windows driver configuration option
- Drawer port tester / indicator
- Cash Drawer Troubleshooting
- How to program a cash drawer
- How to open a cash drawer using the Epson driver
- Buzzer for Epson TM-T88V printers
- Support Page
- Troubleshooting

Home | Printers | Accessories | Service | Support | About Us | Contact

E-Mail: info@beaglehardware.com

Call: **800-253-6407**

Copyright© 2015 Beagle Hardware

BBB
Rating: A+

Click for
Review