



## HERALD Kitchen alarm system

**ORIENT Technologies bv has developed a range of accessories that makes the use of its thermal POS printer BTP-2002NP and its impact POS printer BTP-M270 in wet and noisy environments, like kitchens and bars, possible.**

In noisy restaurant kitchens the arrival at the printer of a new order or of an order-change can be easily overseen. This could lead to unhappy customers or dishes that have to be scrapped. The kitchen alarm system HERALD will announce the arrival of an order at the printer. This is done by means of optical (flash light) or acoustic (beep or ring) signals or by both of them. Depending on the kind of order (new order or order change) the type of signal, the intensity and frequency can be programmed by the use

If desk space is at a premium than the BTP-2002NP can be mounted on a wall by means of an optional wall mount system. The BTP-M270 on the other hand does not need an additional bracket for mounting on a wall.

The BTP-2002NP printer can be equipped with an optional spill proof cover, which protects the printer from liquids spilling into the printer.

The BTP-M270 impact printer does not need such a cover if the printer is used in a vertical position. If used in this position the paper exits horizontally at the front of the printer.

The BTP-2002NP and BTP-M270 printers can be connected to an existing LAN-network with the available ethernet interface. However, if no cabling is available than the optional WLAN interface offers a solution. Like all other of our interface boards, the ethernet interface and the WLAN interface have been developed in the form of so-called daughter-boards. Therefore all the interface boards can be easily exchanged.



Kitchen alarm HERALD



Spill-proof cover



Wall mount system



WLAN

# HERALD Kitchen alarm system

## Triggered by a puls from cash-drawer-kick-out

- Programmable sounds (tones and levels)
- Programmable levels flash-light
- Can be used for printers equipped with a cash-drawer-kick-out function but especially for BTP-2002NP and BTP-M270



## Specification Highlights

Acoustic signal	<p>The maximum sound level: 100dB at one meter away from the speaker.                  Sound frequency: 3kHz±10%                  Two sounds with three levels:</p> <table border="0"> <tr> <td><u>BEEP tone</u></td> <td><u>RING tone</u></td> <td></td> </tr> <tr> <td>Level 1: sounds one time</td> <td></td> <td>Level 1: sounds one time</td> </tr> <tr> <td>Level 2: sounds twice</td> <td></td> <td>Level 2: sounds twice</td> </tr> <tr> <td>Level 3: sounds continuously</td> <td></td> <td>Level 3: sounds continuously</td> </tr> </table>	<u>BEEP tone</u>	<u>RING tone</u>		Level 1: sounds one time		Level 1: sounds one time	Level 2: sounds twice		Level 2: sounds twice	Level 3: sounds continuously		Level 3: sounds continuously
<u>BEEP tone</u>	<u>RING tone</u>												
Level 1: sounds one time		Level 1: sounds one time											
Level 2: sounds twice		Level 2: sounds twice											
Level 3: sounds continuously		Level 3: sounds continuously											
Optical signal	<p>At least 70 lumen                  Three setting: Off, flash light and continuous light</p>												
Pin lay-out plug	<table border="0"> <tr> <td>1---GND</td> <td>Ground</td> </tr> <tr> <td>2---Drawer</td> <td>Drawer drive signal</td> </tr> <tr> <td>3---NC</td> <td>Not connected (status)</td> </tr> <tr> <td>4---VCC</td> <td>Drawer drive voltage (+ 24 VDC from printer)</td> </tr> <tr> <td>5---Drawer</td> <td>Drawer drive signal</td> </tr> <tr> <td>6---GND</td> <td>Ground</td> </tr> </table>	1---GND	Ground	2---Drawer	Drawer drive signal	3---NC	Not connected (status)	4---VCC	Drawer drive voltage (+ 24 VDC from printer)	5---Drawer	Drawer drive signal	6---GND	Ground
1---GND	Ground												
2---Drawer	Drawer drive signal												
3---NC	Not connected (status)												
4---VCC	Drawer drive voltage (+ 24 VDC from printer)												
5---Drawer	Drawer drive signal												
6---GND	Ground												
Dimensions	63 mm x 25 mm x 220 mm												
Available colors	Black and Ivory												
Operating temperature	+5 - +45 degrees C												
Storage temperature	-10 - +50 degrees C (except for thermal paper)												
Operating humidity	20% - 80% RH (no condensation)												

