

### FIRE ALARM ROLL CALL

The HRX5000 can be connected to a Fire Alarm Panel or manual button to trigger a Fire Evacuation report to be automatically printed via the Focus Pro software. Up to two serial printers can also be connected for direct Roll Call printing.

### ACCESS CONTROL

HRX5000 Terminals and HRX Access Controllers can each control up to two doors, barriers or turnstiles. Each door can be monitored for leaving the door ajar over a predefined period. Remote Proximity reader options include Mifare, HID, Cotag, Paxton and PAC. Open latch times for valid transactions and exit buttons can be separately defined.

### RFID PROXIMITY

The use of contactless proximity cards/fobs with all HRX terminals prevents reader wear and therefore increases the reliability and lifespan of the equipment.

## HRX5000 Clocking Terminal



- Designed and manufactured in the UK, specifically for use with Focus Pro time & attendance software.
- The HRX5000 RFID proximity card/fob terminal provides a dependable and functional Time & Attendance data capture device.
- Integrated Access Control
- Control of Factory Bells.
- Direct Fire Alarm Roll Call Reporting

## Specification Details

<b>PC Communications:</b>	RS232 and TCP/IP
<b>Inter-Terminal Communications:</b>	RS485 and TCP/IP
<b>Modem Options:</b>	Optional GSM and PSTN
<b>RFID Options:</b>	HID, Mifare, Paxton, Cotag or PAC
<b>External Digital Inputs:</b>	1 x Fire Alarm input trigger, 2 x Door Ajar Sensors, 2 x Exit Buttons
<b>Remote Reader Inputs:</b>	2 x 8 core up to 50 metres
<b>Relays:</b>	2 x SPCO up to 250V 0.5A
<b>Printer Ports:</b>	2 x Serial (RS232) Fire Alarm Printer Port
<b>Keypad:</b>	Optional 4 Function Buttons
<b>Display:</b>	16 X 2 LCD with LED Backlight
<b>Display Area:</b>	64mm X 15mm
<b>Clocking Capacity:</b>	50,000 in circular buffer
<b>Employee Capacity:</b>	25 to 1,000 employees - upgradeable
<b>Firmware:</b>	Flash memory upgradeable over TCP/IP
<b>Battery Backup:</b>	Lithium battery for data and clock for 3 years
<b>Enclosure:</b>	Material – Flame retardant ABS. 280mm x 160mm x 60mm
<b>Power Supply:</b>	9V-12V DC, 95mm X 45mm X 25mm

## Integrated Access Control

A Master HRX5000 holds all access control validation rules. Slave HRX5000 Terminals and HRX Access Controllers communicate to the Master for validating access control requests.

Within the configuration options, up to 99 controlled doors, 199 access control rules and 99 access control groups can be configured. Access rules define the group(s) of employees who are permitted access, which doors they have access to and when their access is allowed.

# HRX5000 Connection Diagrams

## POWER SUPPLY

The HRX5000 terminal is supplied with a 9V DC in-line switched power supply. This can be either plugged into a standard UK mains socket or wired into a fused spur (by a qualified electrician).

## FACTORY BELLS

Factory Bells can be controlled via two independent relays. 24 hour / 7 day schedules can be configured to announce the start and end of shifts.

## FUNCTION BUTTONS

The HRX5000 can optionally incorporate four function buttons. The buttons are normally used by employees who wish to indicate they are clocking in late or clocking out early due to a company business activity.

## HANDPUNCH HOSTING

A special version of the HRX5000 can be used to connect to the Biometric HandPunch. This configuration allows HandPunch transactions to be stored in the HRX5000, thereby allowing direct Fire Alarm reporting and Access Control using the HandPunch.

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