

# Challenger Version 8 Printer Option.

# AN8

This document provides details of the programming requirements enabling the printer option on a Version 8 Challenger Panel.

## Accessing the Install Menu:

The Installer menu is accessed via the User menu and is User menu option 19.

The system must be disarmed before it is possible to use the Installer Menu.

To disarm the system:

**4 3 4 6** (Master PIN code) **<OFF>** then **0** (Select all areas) **<ENTER>**

To access the Install Menu:

**<MENU>** **4 3 4 6** (Master PIN code) **<ENTER>** Accesses User Menu.  
then **1 9** **<ENTER>** Selects Install Menu

**1. Ensure that the printer to be used with The Challenger is suitable. The printer should meet the parameters listed opposite.**

Printer Requirements:  
Compatible with EPSON or HP Laser IIP printer codes.  
Serial Printer.  
9600 baud (19200 option for Laser IIP)  
80 column.

**2. Ensure that a TS0091 or TS0094 interface module has been fitted to The Challenger Panel, and has been wired to the Serial Printer according to the installation guide.**

Note: Port B of the TS0091 or TS0094 is connected to the printer's serial port using shielded RS232 Data Cable (NOT twisted pairs), not more than 15 metres in length.

**3. Determine and/or Configure the Baud Rate and Parity options of the Printer. You may need to refer to the Printer manual for this information.**

EPSON format options.

The Printer must be set up as follows:  
Baud Rate: 9600  
Data Bits: 7 or 8  
Parity: None, Odd, or Even  
Stop Bits: 1

HPIIP format options.

The Printer must be set up as follows:  
Baud Rate: 9600 or 19200  
Data Bits: 8  
Parity: None  
Stop Bits: 1

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## 4. Program a Timezone if you require the Printer to be enabled or disabled during specific Time periods.

### TIMEZONES 1 to 24

There are 24 "Real-time" timezones in the system, based on the built-in real-time clock.

Each Timezone may have up to 4 segments, each programmed with a Start time, End time and Days.

e.g.

<u>TIMEZONE 1:</u>		<u>OFFICE HOURS</u>						
		START			END			
Tz		Mo	Tu	We	Th			
Tz 1.1								
		08:30				18:00		
	_ Mo	Tu	We	Th	_	_	_	_
Tz 1.2		08:30				21:30		
	_ _	_	_	_	Fri	_	_	_
Tz 1.3		08:30				13:00		
	_ _	_	_	_	_	Sat	_	_
Tz 1.4		00:00				00:00		
	_ _	_	_	_	_	_	_	_

Timezone 0 is always valid 24 hours every day. It may be used wherever a 24 hr Timezone is required.

## 5. Program the Printer Options.

Access the Printer Options.

### ENABLE REAL-TIME PRINTER

If the printer is required to print events in Real-time (as they occur) either permanently or during a specific time period, then this option must be set to YES.

Note: Printouts may always be obtained by using the "Print History" option in the User Menu regardless of the setting in this option.

TIMEZONES 1 to 24 are programmed in Installer Menu Option 13.

From the Install Menu select Option 13.

**1 3** (Menu Option) <ENTER>

Select a Timezone number to program.

**??** (Timezone number) <ENTER>

# Program the Start and End times for segment 1

**??** (Start Hours) <ENTER>  
**??** (Start Minutes) <ENTER>  
**??** (End Hours) <ENTER>  
**??** (End Minutes) <ENTER>

and/or

Check details on LCD then <ENTER>

Specify the Days for segment 1.

**?** (Day) <ENTER> For each day required

- 1 Sunday
- 2 Monday
- 3 Tuesday
- 4 Wednesday
- 5 Thursday
- 6 Friday
- 7 Saturday
- 8 Holiday

and/or

Check details on LCD then <ENTER>

Repeat procedure from "#" for segments 2 to 4.

<ENTER> Exit to Timezone number selection display.

PRINTER OPTIONS are programmed in Installer Menu Option 30.

From the Install Menu select Option 30.

**3 0** (Menu Option) <ENTER>

<\*> (Toggle setting between YES & NO) <ENTER>

Check setting on LCD then <ENTER>

## PRINT ALARM EVENTS

If all Alarm System Events are to be printed, set this option to YES.

<\*> (Toggle setting between YES & NO) <ENTER>

Check setting on LCD then <ENTER>

## PRINT ACCESS CONTROL EVENTS

If all Access Control Events are to be printed, set this option to YES.

<\*> (Toggle setting between YES & NO) <ENTER>

Check setting on LCD then <ENTER>

## DUMP PRINT DATA OUTSIDE TIMEZONE

If a Timezone is specified in the following option and you do not want the events that occur outside the timezone to be stored in the printer buffer and printed when the timezone starts, set this option to YES.

e.g. The timezone may specify the office hours and events which occur at other times are not required to be printed.

<\*> (Toggle setting between YES & NO) <ENTER>

Check setting on LCD then <ENTER>

## PRINT DURING TIMEZONE

If the Printer is required to only be active during specific time period/s, then the Timezone is specified in this option.

The default Timezone is 0 - Always valid.

?? (Timezone Number) <ENTER>

Check setting on LCD then <ENTER>

## PRINTER TYPE SELECTION

The printer interface can be programmed for an Epson dot matrix or HP/II laser printer with optional communication settings.

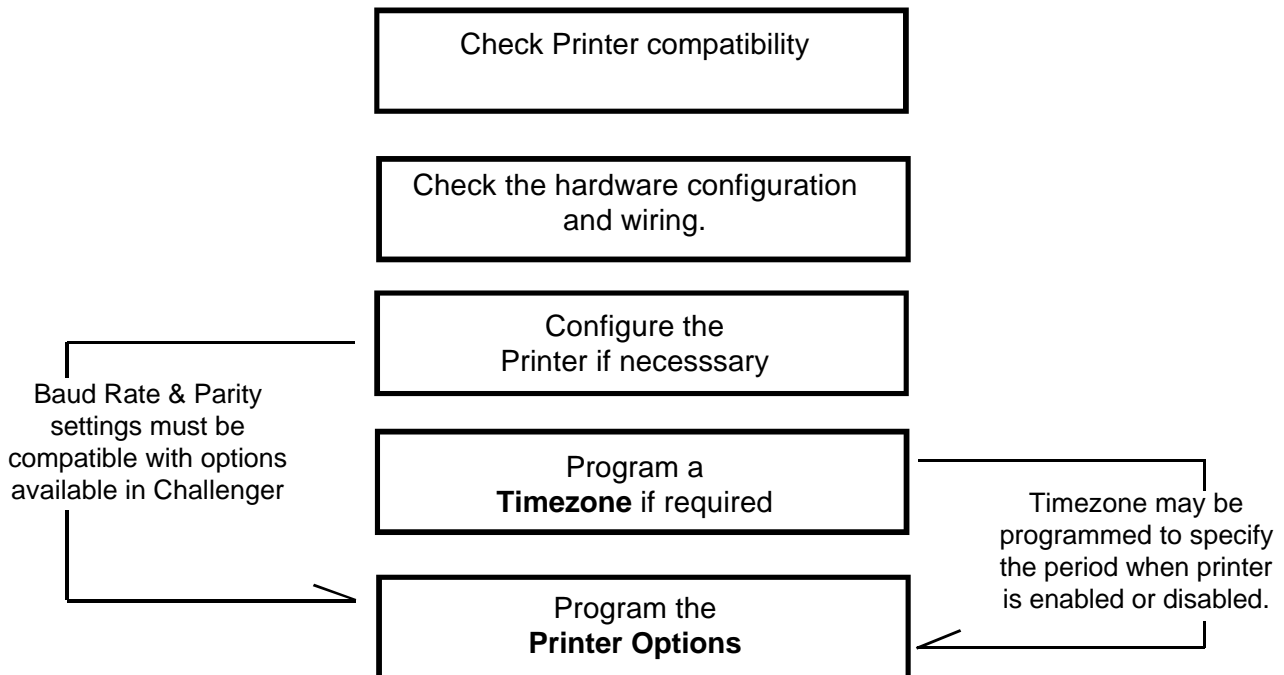
The following Printer format types are available for selection:

Option	Baud	Word	Parity	Stop
1 Epson	9600	7 bit	Even	1
2 Laser HP/II	9600	8 bit	None	1
3 Laser HP/II	19200	8 bit	None	1
4 Epson	9600	7 bit	Odd	1
5 Epson	9600	7 bit	None	1
6 Epson	9600	8 bit	None	1
7 Epson	9600	8 bit	Odd	1
8 Epson	9600	8 bit	Even	1

? (Printer format type number) <ENTER>

Check setting on LCD then <ENTER> to return to installer menu.

## SUGGESTED PROGRAMMING SEQUENCE



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