

Challenger Version 8 Reporting to a Computer.

AN7

This document provides details of the programming requirements for getting a Challenger Panel reporting to a Computer with Head End monitoring software installed.

This document DOES NOT apply to use of the TS9000 / TS9001 Challenger Management Software. See AN9: -Connecting to System Management Computer for programming details for use of TS9000.

A programming flow chart is provided below for reference.

Accessing the Install Menu:

To display menu option 19 (Install Menu) in the User menu, the alarm group of the user code must allow it. The Master Installer is User Number 50. The default master PIN code (User 50) = 4346. The master PIN code should be changed. The Alarm Group assigned to User 50 should never be changed.

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>**

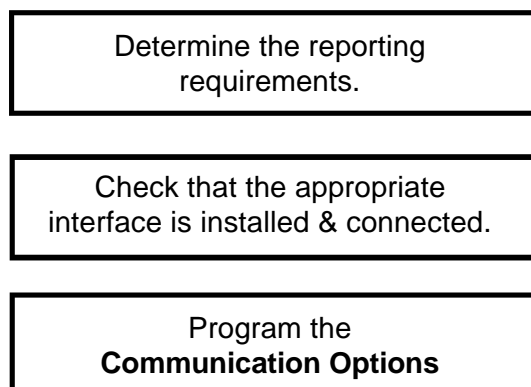
To access the Install Menu:

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

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SUGGESTED PROGRAMMING SEQUENCE



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1. Determine the reporting requirements and fill out the programming sheets.

Blank programming sheets are found at the rear of the Version 8 Programming guide.

In this application you will need to consider the following Installer Menu databases:

9. Communication Options

2. Ensure that the appropriate interfacing is installed and connected correctly.

CONNECTION OPTIONS

Permanent connection:

1. Challenger permanently connected to ON-SITE Computer via TS0091 Computer & Printer Interface module.

2. Challenger permanently connected to OFF-SITE computer via TS0091 Computer & Printer Interface connected to a Leased Line modem, Optical fibre modem, etc.

Dialler connection:

3. Challenger dials OFF-SITE computer via TS0091 Computer & Printer Interface connected to a Dial Up modem. (at 4800 baud)

4. Challenger dials OFF-SITE computer via on-board dialler modem. (at 300 baud only)

Refer to the TS0091 Computer & Printer Interface installation guide for wiring details when using any of the first 3 options.

3. Program the **COMMUNICATION OPTIONS** to specify the unit's address and how the Challenger system will report to the computer.

Options not relevant to this application are not included.

TELEPHONE NUMBER/S

PABX Access Code.

This is required if a code is required to gain access to an exchange line via a PABX.

Telephone Number 1.

Telephone Number 2.

Service Number

Callback Number

(See Vers 8 Programming guide)

Computer Telephone Number

The telephone number used if the Challenger is to be programmed to report to the computer via dialler.

COMPUTER ADDRESS

Must be programmed to identify The Challenger to the monitoring computer.

A number between 1 and 1024 is recorded.

COMPUTER PORT CONNECTED VIA MODEM

Must be set to YES if any of the connection options requiring a modem to be connected to the Computer & Printer interface are utilized.

DIAL ALARM EVENTS TO COMPUTER INSTANTLY

If the Challenger is reporting to the computer via dialler and you require alarm events to be reported the instant they occur, this option must be set to YES.

If set to NO, the Challenger will wait until the "alarm" history buffer is full before reporting. (100 events, or 1000 events if memory expansion fitted)

DIAL ACCESS EVENTS TO COMPUTER INSTANTLY

If the Challenger is reporting to the computer via dialler and you require access control events to be reported the instant they occur, this option must be set to YES.

If set to NO, the Challenger will wait until the "log only" history buffer is full before reporting. (100 events, or 1000 events if memory expansion fitted)

COMMUNICATION OPTIONS are programmed in Installer Menu Option 9.

From the Install Menu select Option 9.

9 (Menu Option) <ENTER>

? (Access code if required) <ENTER>

and/or

Check details on LCD then <ENTER>

???????? (Phone number if required) <ENTER>

and/or

Check details on LCD then <ENTER>

???? (Computer Address) <ENTER>

and/or

Check details on LCD then <ENTER>

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

and/or

Check setting on LCD then <ENTER>

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

and/or

Check setting on LCD then <ENTER>

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

and/or

Check setting on LCD then <ENTER>

DIAL EVENTS VIA COMPUTER PORT

If the Challenger is reporting to the computer via dial-up modem connected to Port A of the Computer & Printer Interface module, this option must be set to YES.

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

and/or
Check setting on LCD then <ENTER>

The following option must be set to NO.

The modem must have the following features and be capable of performing the AT commands listed:

- full duplex operation
- V.32
- 4800 baud

AT commands:

ATF6	4800 BPS QAM V.32
SO=3	Set answer to 3 rings
AT&A0	Disable auto rate detect
AT&D2	Modem goes on-hook & returns to command state when DTR drops

DIAL EVENTS VIA ON-BOARD MODEM

If the Challenger is reporting to the computer via dialler using the on-board modem, this option must be set to YES.

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

and/or
Check setting on LCD then <ENTER>

The previous option must be set to NO.

Note that the on-board modem will only communicate with the computer at 300 baud.

The Challenger is Designed and Manufactured by:

Tecom Systems Pty. Ltd.
A.C.N. 005 523 562
646 Whitehorse Road
MITCHAM VICTORIA AUSTRALIA 3132

Telephone: 03 9259 4700 Facsimile: 03 9259 4799

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