

Introduction

Features

- Allows the MAXSYS PC4010 and PC4020 Alarm Control Systems to be operated through local and remote DTMF telephones
- Voice prompt operation
- Informative prompts guide the user through all system functions selected as being accessible through the Escort 4580
- Programmable voice labels for zones, partitions and functions
- Adds Home Automation using X-10 Protocol to the PC4010 and PC4020
- Supports up to 32 Home Automation devices
- 16 Automation Schedules
- 8 Automation Modes
- Programmable through a local DTMF telephone
- All programming guided by easily understood voice prompts
- Uploading and Downloading supported in the DSC DLS-1 v5.6 (DOS) and DLS-2 (Windows) Downloading Software Packages

Specifications

- Escort 4580 will function with the following panels:
 - PC4020 v2.0, v2.1
 - PC4020KT v1.0
 - PC4010 v2.0, v2.1
- Connects to the PC4010 and PC4020 COMBUS and R-1 and T-1 terminals
 - Nominal current draw:
 - Stand-by: 65 mA
 - Connected to local (on-premise) telephone: 150 mA
 - Connected to remote (off-premise) telephone: 130 mA
- Mounts in same cabinet as alarm control panel

Installation

Mounting the Cabinet

If mounting a new cabinet for the Escort 4580, select a dry location close to the already installed alarm control panel and close to the telephone connection.

Before attaching the cabinet to the wall, press the four white circuit board standoffs into the raised mounting holes from the back of the cabinet. Hold the cabinet in position and pull all wires into the cabinet. Mount the cabinet securely to the wall using the mounting screws provided. It is recommended that appropriate wall anchors be used when securing the panel to drywall, plaster, concrete, brick or other similar surfaces.

With the cabinet mounted, press the Escort 4580 Control Panel onto the standoffs.

Wiring

Refer to the Hook-up Diagram in the back of this manual.

RED, BLK, YEL and GRN Terminals

Connect the RED, BLK, YEL and GRN terminals to the red, black yellow and green COMBUS terminals on the PC4010/PC4020 control panel. Refer to the PC4010/PC4020 Installation Manual for complete instructions on COMBUS wiring.

RNG and TIP Terminals

Connect the Escort 4580 RNG terminal to the alarm control panel R-1 terminal.

Connect the Escort 4580 TIP terminal to the alarm control panel T-1 terminal.

Connect the Escort 4580 T-1 terminal to the brown (BRN) conductor of the premises telephone line.

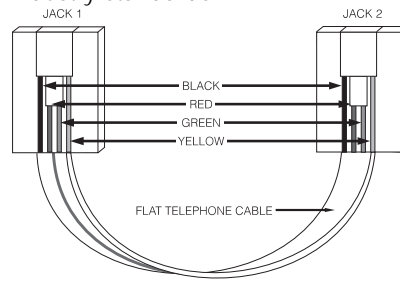
Connect the Escort 4580 R-1 terminal to the grey (GRY) conductor of the premises telephone line.

NOTE: The Escort 4580 must be located after the control panel on the telephone lines. The Escort 4580 will not function if connected at any other point on the telephone lines.

RJ11X Connector to X10 Module

Use an RJ11X connector and cable (not supplied) to connect the Escort 4580 to an X-10 PL-513 or X-10 Pro PSC04 module. Refer to and follow the manufacturers instructions for installing the PL-513 or PSC04 module.

The following diagram show the cable that we currently require for connecting the ESCORT4580 to the PSC04 (PL513). With the jacks side by side (tabs facing up), the colours of the wire in each jack will appear in the same order from left to right. This cable is called a "Straight Through Cable" as per telephone industry standards.



Please do not use a "Swapped", "Flipped" or "Crossover" cable as it will not work with the ESCORT4580. To verify whether you have the correct type of cable, plug in the PSC04 (PL513). The red LED should turn ON. Connect the telephone cable to both the PSC04 (PL513) and the ESCORT4580. If the LED on the PSC04 (PL513) turns OFF and remains unlit, you are using the wrong type of cable.

Programming

With the system disarmed, perform the following to access the Escort 4580 Programming Mode:

Pick up a local telephone handset and you will hear:

"Dial Tone."

Enter the Telephone Access Code. The default Telephone Access Code is [***]. This code may be reprogrammed in Section 020. The system will prompt:

"Hello"

Enter the Programming Mode by entering [*][8]. The system will prompt:

"Enter the Service Code"

Enter the 4-digit Service Code. The default Service Code is [4580]. The Service Code may be changed in Programming Section 001. After the Service Code is entered, the system will prompt:

"Enter a Section Number. To exit, press [#]"

To program a Programming Section, enter the 3-digit number of the Section. If an error is made in entering the section number, the system will prompt:

"Invalid entry. Enter a Section Number. To exit, press [#]"

When a Section number is entered, the system will indicate which section has been entered with the prompt:

"Section (number)"

The system will then announce what data is presently programmed, or what options are selected.

Programming Data Entry Sections

After the Section number is announced, the system will indicate what data is presently programmed as

"Data is (data)"

The system will then prompt:

"Enter new data"

Press [#] to return to the "Enter a Section Number"

prompt, or enter the new data. When the new data is entered, the system will announce the new data with the prompt:

"Data is (data)"

If an incorrect entry is made, the system will announce:

"Invalid Entry. Data is (data). Enter new data"

Programming Option Sections

After the Section number is announced, the system will indicate which options are presently turned ON with the one of the following prompts:

"All options are off"

"All options are on"

"Option (number) is on"

"Options (numbers) are on"

The system will then prompt:

"Enter two digit option. To Exit, press pound"

Press [#] to return to the "Enter a Section Number" prompt, or enter a 2-digit Option Number to turn the selected option ON or OFF. If an error is made in entering the option number, the system will prompt:

"Invalid entry"

After an option number has been correctly entered, the system will announce which options are ON with one of the prompts described above.

When all option programming is complete, press [#] to return to the "Enter a Section Number" prompt.

Programming Label Entry Sections

After the Section number is announced, the system will recite the words presently programmed in the selected label. Each label may hold up to six words.

After the words are announced, the system will prompt

***"Enter three digit word. To exit,
press pound".***

Press [#] to return to the "Enter a Section Number" prompt, or refer to the Label Library and enter a 3-digit code to program a word. If the word is entered correctly, a "beep" will sound. If more words may be entered, the system will prompt

***"Enter three digit word. To exit
press pound"***

If no more words may be entered, the system will recite the label. If an invalid entry is made, the system will prompt

***"Invalid entry. Enter three digit
word. To exit press pound"***

When all label programming is complete, press [#] to return to the "Enter a Section Number" prompt.

When all programming is complete, hang up the handset.

Programming Sections: System Programming

001 Service Code

The Service Code allows access to the Escort 4580 Programming Sections. Enter a 4-digit code in this section. The default Service Code is [4580].

002 First System Option Code

Option

- | | | |
|----|-----|---|
| 01 | ON | Home Automation enabled. When selected, Home Automation Items may be controlled using the [*][5] command. |
| | OFF | Home Automation disabled |
| 02 | ON | [*][5] Automation Control Command requires an Access Code. The system will require a valid Access Code to be entered before access to Automation Items will be allowed. |
| | OFF | [*][5] Automation Control Command does not require an Access Code. |
| 03 | ON | When this option is enabled, the Escort 4580 will transmit to the Automation Items on the system with the timing parameters required for 50Hz operation. |
| | OFF | The timing for 60Hz operation will be used for Automation Items |

003 Status Prompt Mask

This section determines which Status Prompts will be available to the user. When "ON", the prompt will be announced when the appropriate condition is present. When "OFF", the prompt will not be announced if the condition is present.

Option

- | | | |
|----|-----|--|
| 01 | ON | " Warning Bypass On " prompt enabled |
| | OFF | Disabled |
| 02 | ON | " System Open Zone X " prompt enabled |
| | OFF | Disabled |
| 03 | ON | " Alarms in Memory " prompt enabled |
| | OFF | Disabled |
| 04 | ON | " AC Trouble " prompt enabled |
| | OFF | Disabled |
| 05 | ON | " Phone Line Trouble " prompt enabled |
| | OFF | Disabled |
| 06 | ON | " Low Battery on Zone X " prompt enabled |
| | OFF | Disabled |
| 07 | ON | " Loss of Clock Trouble " prompt enabled |
| | OFF | Disabled |
| 08 | ON | " System Fault, Service Required " prompt enabled |
| | OFF | Disabled |
| 09 | ON | " For More Options, Press Star " prompt enabled |
| | OFF | Disabled |
| 10 | ON | " System On Without Entry " prompt enabled |
| | OFF | Disabled |
| 11 | ON | " Automation Service " prompt enabled |
| | OFF | Disabled |
| 12 | ON | " Zone Tamper " prompt enabled |
| | OFF | Disabled |
| 13 | ON | " Zone Fault " prompt enabled |
| | OFF | Disabled |

004 [*] Function Prompt Mask

This section determines which [*] Function Prompts will be available to the user. When "ON", the prompt will be announced. When "OFF", the prompt will not be announced. Note that a [*] Function may still be used even if its prompt is not announced.

Option

- 01 ON "**For Zone Bypassing**" prompt enabled
OFF Disabled
- 02 ON "**For Alarm Memory**" prompt enabled
OFF Disabled
- 03 ON "**For Sensor Reset**" prompt enabled
OFF Disabled
- 04 ON "**For Automation Control**" prompt enabled
OFF Disabled
- 05 ON "**For Special Functions**" prompt enabled
OFF Disabled
- 06 ON "**For Door Strike**" prompt enabled
OFF Disabled
- 07 ON "**For Arming Without Entry**" prompt enabled
OFF Disabled
- 08 ON "**For Quick Arming**" prompt enabled
OFF Disabled
- 09 ON "**For Quick Exit**" prompt enabled
OFF Disabled
- 10 ON "**To Arm Interior Zones**" prompt enabled
OFF Disabled

005 Local Programming Lockout Counter

The Local Programming Lockout feature will prevent Escort PC4580 programming after a programmable number of invalid Access Codes are entered on a handset. Enter the number of invalid codes to be allowed before the Local Programming Lockout feature is activated. Valid entries are between 000 and 255. The default setting is 000.

006 Local Programming Lockout Duration

This section determines the duration, in minutes, of the Local Programming Lockout. During the Local Programming Lockout Duration time, the Escort PC4580 will not accept any Access Code, even valid Access Codes, for programming. Enter a time between 000 to 255 minutes. The default setting is 000.

007 Number of Home Automation Transmissions

This section determines the number of Home Automation ON or OFF commands that will be transmitted when a Home Automation Item is activated. Multiple ON / OFF commands may be used to ensure more reliable control of automated devices. Valid entries in the range of 001 to 255. The default setting is 001.

Note: Section 007 is not supported by the DLS-1 Version 5.6 or earlier Downloading Software.

Programming Sections: Telephone Access Programming

020 Local and Remote Telephone Access Code

This 3-digit code allows access to the system through a telephone on the premises, or by calling the system from a remote phone. The default Access Code is [***]. Enter a 3-digit code using the numbers 0 through 9, and the signs [#] and [*].

Important Note: Avoid programming an Access Code that coincides with 3-digit local telephone numbers and services. In most areas, 0xx, 411, 911 and 611 should not be used as an Access Code. Also, in some areas, telephone services may be available by dialling [*] and 2 digits. Ensure that the Access Code is not the same as any of the [*] functions available from the service provider.

021 Telephone Access Options

Option

- | | | |
|----|-----|---|
| 01 | ON | Remote Access Enabled. The user will be able to access the system from remote telephones. To gain access to the system, the user must call the system and hang up after one or two rings. The user then calls the system again. When the system answers the call, enter the Telephone Access Code to access the system. |
| | OFF | Remote Access Disabled. The system will not allow access from off-premises telephones. |
| 02 | ON | Access Code always required for Local Access. When the user picks up a premises telephone and enters the Telephone Access Code, the system will require that a valid Access Code be entered. An Access Code must be entered to gain access to the system. |
| | OFF | No Access Code required for Partition Access. When the user picks up a premises telephone and enters the Telephone Access Code, the system will provide immediate access. |

Programming Sections: Automation Schedules

Programming Sections 030 through 077 are used to set the ON Time, OFF Time and Schedule Options for Schedules 1 through 16. The ON and OFF Times must occur within the same 24-hour period (that is, within the same day), unless multiple Schedules are used.

In the ON Time and OFF Time sections, enter a time in the 24-hour clock format. Valid entries are 00 to 23 for the hour, and 00 to 59 for the minute. Refer to the Programming Data Sections in the Programming section of this manual for instructions on how to program data sections.

In the Schedule Options section, turn options ON or OFF by entering the 2-digit option number. Refer to Programming Option Sections in the Programming section of this manual for instructions on how to program the options sections.

030 Schedule 1 ON Time

This section determines the time Schedule 1 will turn ON. Enter a 4-digit time in the 24-hour clock format. Valid entries are from 00 to 23 for the hour, and 00 to 59 for the minute.

031 Schedule 1 OFF Time

This section determines the time Schedule 1 will turn OFF. Enter a 4-digit time in the 24-hour clock format. Valid entries are from 00 to 23 for the hour, and 00 to 59 for the minute.

032 Schedule 1 Day Mask

This section determines the days on which Schedule 1 will function. Enter 2-digit numbers to turn the following options ON and OFF.

Option	ON	OFF
01	Sunday ON	Sunday OFF
02	Monday ON	Monday OFF
03	Tuesday ON	Tuesday OFF
04	Wednesday ON	Wednesday OFF
05	Thursday ON	Thursday OFF
06	Friday ON	Friday OFF
07	Saturday ON	Saturday OFF



Refer to Programming Sections 030 through 032 for instructions on programming Schedules 2 through 16. Schedules 2 through 16 are programmed sections 033 to 077.

Programming Sections: Automation Items

Programming Sections 130 through 289 program the operation for Automation Items 1 through 32. Five Programming Sections are used to program the operation of each Automation Item:

- The first section determines the Home Automation Item House Code and Unit Number
- The second section programs various operating options
- The third section determines which Schedule the Automation Item follows
- The fourth section assigns a Mode to the Automation Item
- The fifth section determines the Output Condition of the Automation Item

Programming Sections 130 through 134 for Automation Item 1 are described in detail below. The remaining Programming Sections for Automation Items 2 through 32 are programmed in the same manner.

130 Automation Item 1: House Code and Unit Number

This section assigns an X-10 Protocol House Code and Unit Number to an Automation Item. Enter a 3-digit number from Programming Worksheets Appendix 1: X-10 Protocol House Code and Unit Numbers.

131 Automation Item 1: Miscellaneous Options

01 Item Options

- ON Automation Item Enabled. When ON, the Automation Item will function as programmed in the Options below.
- OFF Automation Item Disabled. When OFF, the Automation Item will not be affected by the Options selected below.

02 User Control Options

- ON User Controlled ON/OFF. When ON, the user will be able to use the [*][5] command to manually control the Automation Item.
- OFF Not User Controlled. When OFF, the [*][5] command will not affect the Automation Item. The item may still be controlled by a Schedule or Alarm System Output.

03 Global ON / OFF Options

- ON Included in Global ON/OFF Command. When ON, the Automation Item will turn ON or OFF when the Global Item Control function is executed from the [*][5] command. If this option is enabled, User Controlled ON/OFF must be enabled as well.
- OFF Not included in Global ON/OFF Command. When OFF, the Automation Item will not be affected by the Global Item Control function.

04 Dimming Options

- ON Dimming Enabled. When ON, the Automation Item will feature 6 dimming states: ON, OFF, and Levels 1 through 4. This option should be used only for light and other items connected to power line modules capable of dimming.
- OFF Dimming Disabled. When OFF, the Automation Item will only have two states: ON or OFF.

05 Schedule / Output Options

- ON Follows Schedule / Output Condition Always. The Automation Item will always follow the Schedule / Output condition programmed in the Item Schedule / Output Condition programming section.
- OFF Follows Schedule / Output Condition only when Mode is ON. The Automation item will follow the Schedule / Output Condition only when a mode assigned to the item is ON. This function would be used for items that are not user-controlled only, but where it is required that the item should selectively follow a schedule or output. A lawn sprinkler system is a typical application of this function.

06 Duration Options

- ON Item ON Steady while Active. When ON, the Automation Item will remain activated until it is deactivated by the user, a schedule or an Alarm System Output.
- OFF Programmed Pulse when Active. When OFF, the Automation Item will be activated for the length of time programmed in the item's Automation Item Pulse Timer section. Refer to Automation Item Pulse Timers, Sections [301] through [332]. This Option can be used to

trigger devices requiring a trigger pulse, or to activate an item for a specific length of time.

Note: Duration Options should not be used if Dimming is enabled. Note that all pulses switch to the ON state.

07 Prompt Option 1

ON Item prompt is "ON / OFF". When ON, the Automation Item will prompt "ON" and "OFF" for the ON and OFF states while controlled by the [*][5] command. This prompt would be used for devices such as lights or appliances.

OFF Item prompt is not "ON / OFF"

08 Prompt Option 2

ON Item prompt is "OPEN / CLOSED". When ON, the Automation Item will prompt "OPEN" and "CLOSED" for the ON and OFF states while controlled by the [*][5] command. This prompt would be used for applications such as curtains and door openers.

OFF Item prompt is not "OPEN / CLOSED".

09 Prompt Option 3

ON Item prompt is "SETBACK ON / SETBACK OFF". When ON, the Automation Item will prompt "SETBACK ON" and "SETBACK OFF" for the ON and OFF states while controlled by the [*][5] command. This prompt would be used for applications such as temperature control.

OFF Item prompt is not "Setback ON / Setback OFF"

NOTE: Only one of Options 07, 08 and 09 should be ON. If more than one option is ON, the system will use the first enabled option. If none of the options are ON, the system will use Option 07.

132 Automation Item 1: Schedule Assignment

There are 16 Automation Schedules in the ESCORT4580 which determine the ON time, OFF time and DayMask. These schedules can only control an automation item in a single 24 hour period (ie. from midnight to midnight of one day). See Programming Sections: Automation Schedules for information on programming the schedules. To program an item to follow a particular schedule, turn ON the option corresponding to the number of the schedule (eg. turning ON only option 01, programs the automation item to follow only schedule number 1).

If an automation item is required to be active past midnight, either use multiple schedules to control the item, or program the automation item for Alarm System Output in section 134 and use a Date Schedule in the PC4010/PC4020 to control the automation item. One interval of the date schedule will be used to activate the automation item on one day, and another interval of the same date schedule will be used to deactivate the item on another day. Refer to your PC4010/PC4020 programming manual for more information.

133 Automation Item 1: Mode Assignment

Mode Assignment adds additional control over automation items programmed for Scheduled or Event Initiated operation. Any automation item can be assigned to one or more of the 8 Modes. Modes can be turned on or off using the [*][5] command. If one of the modes an item is assigned to is ON, and the **Follows Schedule/Output only if a Mode is ON** option is enabled the automation item will only activate at the scheduled times or when an event occurs. If all of the modes an item is assigned to is OFF, the item will not activate.

For example, an automation item is programmed to follow a schedule to activate from 1:00 am to 3:00 am every day of the week to turn on sprinklers. The automation item is also assigned to Mode 1. The sprinklers will only turn on if Mode 1 is enabled (ON). On rainy days the user can turn off Mode 1 to prevent the sprinklers from coming on. When the weather

clears the user can again enable the Mode to again have the sprinklers come on following the schedule.

Another example would be lighting control. Several schedules can be used together to give lighting a randomization effect. All the lighting control automation items could be assigned to multiple schedules and a Mode. Before the user leaves for a holiday they could turn on the Mode at which point the lights will follow the scheduled pattern.

Note: If an item is using multiple modes, the item will follow its assigned schedules when any of its assigned modes are ON. To prevent an item that is using multiple modes from following any of its assigned schedules, ALL the modes that the item is using must be turned OFF.

134 Automation Item 1: Schedule / Output Condition

Enter a 2-digit number to determine how the Automation Item will operate.

Option	Operation
00	Manual User Control Only
01	Alarm System Output Only
02	Schedule Only
03	Schedule or Alarm System Output
04	Schedule and Alarm System Output



Automation Items 2 through 32 are programmed in sections 135 - 289 and are programmed in the same manner as Automation Item 1 (refer to sections 130-134 and the Programming Worksheets for programming instructions).

Programming Sections: Automation Item Pulse Timers

301 through 332:

Automation Item Pulse Timers

Programming Sections 301 through 332 are used to program the Pulse Times for Automation Items 1 to 32. The pulse time is programmable from 001 to 255 seconds. The Automation Pulse Times are enabled by turning OFF Option 06 in the Automation Item: Miscellaneous Options section. Refer to Section 131 for information.

Programming Sections: Label Programming

Programming Sections 451 through 728 are used to program the voice prompt labels for the following:

- Automation Items
- Automation Modes
- Miscellaneous System Functions
- Partitions
- Zones

Each label can contain up to 6 words. Refer to Programming Worksheets Appendix 2: Word Library for a list of available words. A word is assigned to a label by entering the word's 3-digit code in the label's programming section. Refer to Programming Label Entry Sections in the Programming section of this manual for instructions on programming labels.

Three special Number Commands are available to allow the system to include a number in the voice label. The Number Commands allow the system to announce the number in three different modes:

Label 000: Number Command 1, Combined Form. The number will be announced in its full form. For example, the number 401 would be announced as ***"four hundred and one"***.

Label 001: Number Command 2, Ordered Form. The number will be announced in a descriptive form. For example, the number 401 would be announced as ***"four hundred and first"***.

Label 002: Number Command 3, Individual Numbers. Each digit in the number will be announced individually. For example, the number 401 would be announced as ***"four zero one"***.

Using the Number Commands will require two of the six available word spaces. The first space is the Number Command (000, 001 or 002), and the second space is the 3-digit number to be read (from 000 to 999). Note that 000, 001 and 002 cannot be used as the sixth entry in a label.

451 through 482:

Automation Item Labels

Enter up to six 3-digit label codes for the labels for Automation Items 1 through 32. Refer to the Programming Worksheets for the Programming Section for each Automation Item.

521 through 528:

Automation Mode Labels

Enter up to six 3-digit label codes for the labels for Automation Modes 1 through 8. Refer to the Programming Worksheets for the Programming Section for each Automation Mode.

545 through 546:

Miscellaneous System Labels

Enter up to six 3-digit label codes for the labels for the following system functions:

Section	Function
545	Sensor Reset
546	Door Strike

561 through 568:

System Partition Labels

Enter up to six 3-digit label codes for the labels for Partitions 1 through 8. Refer to the Programming Worksheets for the Programming Section for each Partition.

601 through 728:

System Zone Labels

Enter up to six 3-digit label codes for the labels for Zones 1 through 128. Refer to the Programming Worksheets for the Programming Section for each Zone.

Special Programming Sections

999 Reset to Factory Default Settings

To reset the Escort 4580 to the factory default programming, enter [*][8][Service Code][999]. The system will prompt

"Enter the Service Code"

Enter the Service Code. The system will prompt

"Enter the Section Number"

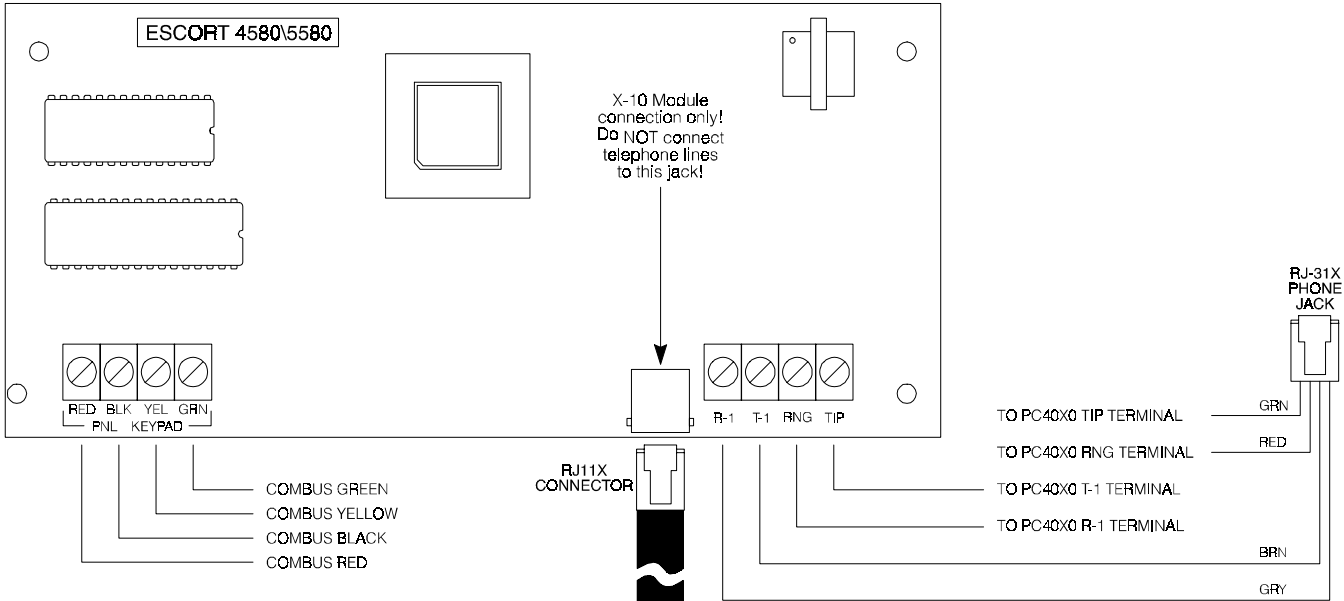
Enter [999]. The system will then prompt

"Factory Default in Progress"

When the system reset is complete, the system will prompt

"Factory Default is Complete"

NOTE: The Escort 4580 may also be reset using the PC4010 or PC4020 Escort 4580 Default function. Refer to the PC4010 or PC4020 Programming Manual for additional information.



X-10 PL-513
or
X-10 Pro PSC04
Module

Install the PL-513 or PSC04 module according to the manufacturer's directions.

The PC4580 must be connected to the telephone line after the PC40X0. The PC4580 will not function if connected at any other point in the telephone line.



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Installation Manual



NOTICE: The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. Industry Canada does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

User should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe system, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

The Load Number (LN) assigned to each terminal device denotes the percentage of the total load to be connected to a telephone loop which is used by the device, to prevent overloading. The termination on a loop may consist of any combination of devices subject only to the requirement that the total of the Load Numbers of all the devices does not exceed 100.

The Load Number of this unit is 2.

LIMITED WARRANTY

Digital Security Controls Ltd. warrants that for a period of twelve months from the date of purchase, the product shall be free of defects in materials and workmanship under normal use and that in fulfilment of any breach of such warranty, Digital Security Controls Ltd. shall, at its option, repair or replace the defective equipment upon return of the equipment to its repair depot. This warranty applies only to defects in parts and workmanship and not to damage incurred in shipping or handling, or damage due to causes beyond the control of Digital Security Controls Ltd. such as lightning, excessive voltage, mechanical shock, water damage, or damage arising out of abuse, alteration or improper application of the equipment.

The foregoing warranty shall apply only to the original buyer, and is and shall be in lieu of any and all other warranties, whether expressed or implied and of all other obligations or liabilities on the part of Digital Security Controls Ltd. This warranty contains the entire warranty. Digital Security Controls Ltd. neither assumes, nor authorizes any other person purporting to act on its behalf to modify or to change this warranty, nor to assume for it any other warranty or liability concerning this product.

In no event shall Digital Security Controls Ltd. be liable for any direct, indirect or consequential damages, loss of anticipated profits, loss of time or any other losses incurred by the buyer in connection with the purchase, installation or operation or failure of this product.

Warning: Digital Security Controls Ltd. recommends that the entire system be completely tested on a regular basis. However, despite frequent testing, and due to, but not limited to, criminal tampering or electrical disruption, it is possible for this product to fail to perform as expected.

AVIS: L'étiquette de l'Industrie Canada identifie le matériel homologué. Cette étiquette certifie que le matériel est conforme à certaines normes de protection, d'exploitation et de sécurité des réseaux de télécommunications. Industrie Canada n'assure toutefois pas que le matériel fonctionnera à la satisfaction de l'utilisateur.

Avant d'installer ce matériel, l'utilisateur doit s'assurer qu'il est permis de le raccorder aux installations de l'entreprise locale de télécommunication. Le matériel doit également être installé en suivant une méthode acceptée de raccordement. L'abonné ne doit pas oublier qu'il est possible que la conformité aux conditions énoncées ci-dessus n'empêchent pas la dégradation du service dans certaines situations.

Les réparations de matériel homologué doivent être effectuées par un centre d'entretien canadien autorisé désigné par le fournisseur. La compagnie de télécommunications peut demander à l'utilisateur de débrancher un appareil à la suite de réparations ou de modifications effectuées par l'utilisateur ou à cause de mauvais fonctionnement.

Pour sa propre protection, l'utilisateur doit s'assurer que tous les fils de mise à la terre de la source d'énergie électrique, les lignes téléphoniques et les canalisations d'eau métalliques, s'il y en a, sont raccordés ensemble. Cette précaution est particulièrement importante dans les régions rurales.

AVERTISSEMENT: L'utilisateur ne doit pas tenter de faire ces raccordements lui-même; il doit avoir recours à un service d'inspection des installations électriques, ou à un électricien, selon le cas.

L'indice de charge (IC) assigné à chaque dispositif terminal indique, pour éviter toute surcharge, le pourcentage de la charge totale qui peut être raccordée à un circuit téléphonique bouclé utilisé par ce dispositif. La terminaison du circuit bouclé peut être constituée de n'importe quelle combinaison de dispositifs, pourvu que la somme des indices de charge de l'ensemble des dispositifs ne dépasse pas 100.

L'Indice de charge de ce produit est 2.

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