Installation Manual

DSC®

Power832

S E C U R I T Y   S Y S T E M

ESCORT558O

Version 1.1

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 a 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

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 factory. 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 or 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.

FCC COMPLIANCE STATEMENT

CAUTION: Changes or modifications not expressly approved by Digital Security Controls Ltd. could void your authority to use this equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

The user may find the following booklet prepared by the FCC useful: "How to Identify and Resolve Radio/Television Interference Problems". This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402, Stock # 004-000-00345-4.

IMPORTANT INFORMATION

This equipment complies with Part 68 of the FCC Rules. On the side of this equipment is a label that contains, among other information, the FCC registration number of this equipment.

NOTIFICATION TO TELEPHONE COMPANY Upon request, the customer shall notify the telephone company of the particular line to which the connection will be made, and provide the FCC registration number and the ringer equivalence of the protective circuit.

FCC Registration Number: F53CAN-22830-KX-N
Ringer Equivalence Number: 0.2B
USOC Jack: RJ-31X

TELEPHONE CONNECTION REQUIREMENTS Except for the telephone company provided ringers, all connections to the telephone network shall be made through standard plugs and telephone company provided jacks, or equivalent, in such a manner as to allow for easy, immediate disconnection of the terminal equipment. Standard jacks shall be so arranged that, if the plug connected thereto is withdrawn, no interference to the operation of the equipment at the customer's premises which remains connected to the telephone network shall occur by reason of such withdrawal.

INCIDENCE OF HARM Should terminal equipment or protective circuitry cause harm to the telephone network, the telephone company shall, where practicable, notify the customer that temporary disconnection of service may be required; however, where prior notice is not practicable, the telephone company may temporarily discontinue service if such action is deemed reasonable in the circumstances. In the case of such temporary discontinuance, the telephone company shall promptly notify the customer and will be given the opportunity to correct the situation.

ADDITIONAL TELEPHONE COMPANY INFORMATION The security control panel must be properly connected to the telephone line with a USOC RJ-31X telephone jack.

The FCC prohibits customer-provided terminal equipment be connected to party lines or to be used in conjunction with coin telephone service. Inter-connect rules may vary from state to state.

CHANGES IN TELEPHONE COMPANY EQUIPMENT OR FACILITIES The telephone company may make changes in its communications facilities, equipment, operations or procedures, where such actions are reasonably required and proper in its business. Should any such changes render the customer's terminal equipment incompatible with the telephone company facilities the customer shall be given adequate notice to the effect modifications to maintain uninterrupted service.

RINGER EQUIVALENCE NUMBER (REN) The REN is useful to determine the quantity of devices that you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most, but not all areas, the sum of the RENs of all devices connected to one line should not exceed five (5.0). To be certain of the number of devices that you may connect to your line, you may want to contact your local telephone company.

EQUIPMENT MAINTENANCE FACILITY If you experience trouble with this telephone equipment, please contact the facility indicated below for information on obtaining service or repairs. The telephone company may ask that you disconnect this equipment from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.
Digital Security Controls Ltd. 160 Washburn St., Lockport, NY 14094

Appendix D

There are two additional options available in the [*] [6] [Master User Code] User Functions menu. These are Volume Control and Speech Rate.

Volume Control
When Volume Control is accessed the Escort5580 will announce the following:

"Volume is {High/Medium/Low}. To Change, Press One. To Exit, Press Pound"

Speech Rate
When the Speech Rate is accessed the Escort5580 will announce the following:

"Speech Rate is {Slow/Fast}. To Change, Press One. To Exit, Press Pound"

These additional [*], [6] menu options are only available through the Escort5580 module.

Appendix E

The Access Code Programming function allows you to program access codes that will function on the security system as well as on the Escort5580. The system can be set to accept 4 or 6 digit user codes. Depending on what model of security system you have, you may have the ability to program either 6 or 32 access codes. To program these user codes, follow these steps:

With the system disarmed, access the security system using the steps described in the Accessing Your Security System and Accessing Partitions section of this manual.

Press the [*] key. When the system announces

"For Automation Control and User Programming press [5]"

press the [5] key. The system will then announce

"For Automation Control press [1], for User Programming press [2], to exit press [#]"

Press the [2] key. Enter your master access code. The system will then announce:

"User Code Programming, enter the (one/two) digit user number. For User Option programming press [9]. User X, X and X are programmed to exit press [#]."

❗ **Your system may or may not prompt you with "User Option Programming". Please consult your security system instruction manual for more information on user options.**

Enter the number of the access code that you wish to program at this time. The system will announce:

"Enter the new (4/6) digit access code. To exit press [#]"

Enter the new code at this point. You will again be prompted by the message:

"User Code Programming. Enter the (one/two) digit user number. For User Option programming, press [9]. Users X, X and X are programmed to exit. Press [#]"

❗ **Your system may or may not prompt you with "User Option Programming". Please consult your security system instruction manual for more information on user options.**

If you wish to program another access code, enter the user number. If not, press [#] to return to the main menu.

Thank you *for purchasing the DSC Escort5580 module. When connected to the main control panel, the module turns any touch tone telephone – local or remote – into a fully functional keypad. Once activated, the Escort5580 will act as a guide for the user. The Escort5580 will prompt the user through clear, easy to understand sentences, telling them what the next key entry should be to perform the various functions available.*

In addition to an expanded library of over 250 system words, a powerful "say number" command has been added to the Escort5580. This new feature allows any number between zero and 999 to be said in three different ways. Up to six words can be used for Zone Labels, Automation Items, Automation Modes and System Labels, thereby enhancing the Escort5580's versatility.

The module also has a built-in line carrier interface. This feature allows the module to control up to 32 line carrier automation type items for lighting control, temperature control or other such home automation features. Automation items can be activated manually by the user by using one or more of the 16 available Schedules and 8 available Modes; these items can also be activated by events on the control panel. A full range of dimming levels are also available for lighting control.

We are confident that you and your customer will discover that the Escort5580 module is the most useful alarm control panel enhancement product available on the market today.

We welcome your input. Please send your comments to:

> *Digital Security Controls*
> *3301 Langstaff Road*
> *Concord, Ontario*
> *Canada L4K-4L2*

DSC®
Power832®
SECURITY SYSTEM

Appendix C

The following are the flow chart of commands available when the [✶] [5] command is entered for Home Automation control:

Entering the Home Automation Section
Press [✶] [5] [1] to access the Home Automation Section. Access code is required, locally or remotely it is an option. If an access code is required the Escort5580 will prompt the following. If not it will immediately begin to announce the Home Automation menu. Escort5580 will announce

> ***"Enter Your Access Code"***

Enter your Access Code.

Home Automation Menu
Escort5580 will announce

> ***"For Individual Item Control, Press One"***
> ***"For Mode Control, Press Two"***
> ***"For Global Item Control, Press Three"***
> ***"To Exit Press Pound"***

Individual Item Control Menu
Escort5580 will announce

> ***"{Automation Item Label}"***
> ***"To {Turn On/Open/Turn Setback On}, Press One"***
> ***"To {Turn Off/Closed/Turn Setback Off}, Press Two"***
> ***"To Increase, Press Three" (only if dimming is enabled)***
> ***"To Decrease, Press Four" (only if dimming is enabled)***
> ***"For the Next Item, Press Five"***
> ***"For the Previous Item, Press Six"***
> ***"To Select item Using Item Number, Press Seven"***
> ***"To Exit, Press Pound"***

Mode Control Menu
Escort5580 will announce

> ***"{Mode Label} is {On/Off}"***
> ***"To Change, Press One"***
> ***"For the Next Mode, Press Two"***
> ***"For the Previous Mode, Press Three"***
> ***"To Exit, Press Pound"***

Escort5580 will announce

> ***"To Turn Global Items On, Press One"***
> ***"To Turn Global Items Off, Press Two"***
> ***"To Exit, Press Pound"***

Appendix B

Enter	Code	Enter	Code	Enter	Code	Enter	Code	Enter	Code
[000]	A 1	[052]	D 5	[103]	G 8	[154]	J 11	[205]	M 14
[001]	A 2	[053]	D 6	[104]	G 9	[155]	J 12	[206]	M 15
[002]	A 3	[054]	D 7	[105]	G 10	[156]	J 13	[207]	M 16
[003]	A 4	[055]	D 8	[106]	G 11	[157]	J 14	[208]	N 1
[004]	A 5	[056]	D 9	[107]	G 12	[158]	J 15	[209]	N 2
[005]	A 6	[057]	D 10	[108]	G 13	[159]	J 16	[210]	N 3
[006]	A 7	[058]	D 11	[109]	G 14	[160]	K 1	[211]	N 4
[007]	A 8	[059]	D 12	[110]	G 15	[161]	K 2	[212]	N 5
[008]	A 9	[060]	D 13	[111]	G 16	[162]	K 3	[213]	N 6
[009]	A 10	[061]	D 14	[112]	H 1	[163]	K 4	[214]	N 7
[010]	A 11	[062]	D 15	[113]	H 2	[164]	K 5	[215]	N 8
[011]	A 12	[063]	D 16	[114]	H 3	[165]	K 6	[216]	N 9
[012]	A 13	[064]	E 1	[115]	H 4	[166]	K 7	[217]	N 10
[013]	A 14	[065]	E 2	[116]	H 5	[167]	K 8	[218]	N 11
[014]	A 15	[066]	E 3	[117]	H 6	[168]	K 9	[219]	N 12
[015]	A 16	[067]	E 4	[118]	H 7	[169]	K 10	[220]	N 13
[016]	B 1	[068]	E 5	[119]	H 8	[170]	K 11	[221]	N 14
[017]	B 2	[069]	E 6	[120]	H 9	[171]	K 12	[222]	N 15
[018]	B 3	[070]	E 7	[121]	H 10	[172]	K 13	[223]	N 16
[019]	B 4	[071]	E 8	[122]	H 11	[173]	K 14	[224]	O 1
[020]	B 5	[072]	E 9	[123]	H 12	[174]	K 15	[225]	O 2
[021]	B 6	[073]	E 10	[124]	H 13	[175]	K 16	[226]	O 3
[022]	B 7	[074]	E 11	[125]	H 14	[176]	L 1	[227]	O 4
[023]	B 8	[075]	E 12	[126]	H 15	[177]	L 2	[228]	O 5
[024]	B 9	[076]	E 13	[127]	H 16	[178]	L 3	[229]	O 6
[025]	B 10	[077]	E 14	[128]	I 1	[179]	L 4	[230]	O 7
[026]	B 11	[078]	E 15	[129]	I 2	[180]	L 5	[231]	O 8
[027]	B 12	[079]	E 16	[130]	I 3	[181]	L 6	[232]	O 9
[028]	B 13	[080]	F 1	[131]	I 4	[182]	L 7	[233]	O 10
[029]	B 14	[081]	F 2	[132]	I 5	[183]	L 8	[234]	O 11
[030]	B 15	[082]	F 3	[133]	I 6	[184]	L 9	[235]	O 12
[031]	B 16	[083]	F 4	[134]	I 7	[185]	L 10	[236]	O 13
[032]	C 1	[084]	F 5	[135]	I 8	[186]	L 11	[237]	O 14
[033]	C 2	[085]	F 6	[136]	I 9	[187]	L 12	[238]	O 15
[034]	C 3	[086]	F 7	[137]	I 10	[188]	L 13	[239]	O 16
[035]	C 4	[087]	F 8	[138]	I 11	[189]	L 14	[240]	P 1
[036]	C 5	[088]	F 9	[139]	I 12	[190]	L 15	[241]	P 2
[037]	C 6	[089]	F 10	[140]	I 13	[191]	L 16	[242]	P 3
[038]	C 7	[090]	F 11	[141]	I 14	[192]	M 1	[243]	P 4
[039]	C 8	[091]	F 12	[142]	I 15	[193]	M 2	[244]	P 5
[040]	C 9	[092]	F 13	[143]	I 16	[194]	M 3	[245]	P 6
[041]	C 10	[093]	F 14	[144]	J 1	[195]	M 4	[246]	P 7
[042]	C 11	[094]	F 15	[145]	J 2	[196]	M 5	[247]	P 8
[043]	C 12	[095]	F 16	[146]	J 3	[197]	M 6	[248]	P 9
[044]	C 13	[096]	G 1	[147]	J 4	[198]	M 7	[249]	P 10
[045]	C 14	[097]	G 2	[148]	J 5	[199]	M 8	[250]	P 11
[046]	C 15	[098]	G 3	[149]	J 6	[200]	M 9	[251]	P 12
[047]	C 16	[099]	G 4	[150]	J 7	[201]	M 10	[252]	P 13
[048]	D 1	[100]	G 5	[151]	J 8	[202]	M 11	[253]	P 14
[049]	D 2	[101]	G 6	[152]	J 9	[203]	M 12	[254]	P 15
[050]	D 3	[102]	G 7	[153]	J 10	[204]	M 13	[255]	P 16
[051]	D 4								

Table of Contents

Appendix A

[000] **Combined # Command**
[001] **Ordered # Command**
[002] **Individual # Command**
[003] Access
[004] Air-conditioning
[005] Alcove
[006] And
[007] Apartment
[008] Appliance
[009] Area
[010] Atrium
[011] Attic
[012] Automatic
[013] Away
[014] Back
[015] Backyard
[016] Balcony
[017] Bar
[018] Barn
[019] Basement
[020] Bathroom
[021] Bay
[022] Beam
[023] Bedroom
[024] Blinds
[025] Boat
[026] Boiler
[027] Bottom
[028] Boys
[029] Building
[030] Cabinet
[031] Cafeteria
[032] Camera
[033] Cash
[034] Ceiling
[035] Centre
[036] Changeroom
[037] China
[038] Circuit
[039] Classroom
[040] Coffee-maker
[041] Cold
[042] Collection
[043] Compressor
[044] Computer
[045] Contact
[046] Control
[047] Crawl-space

[048] Curtain
[049] Dark
[050] Day
[051] Deck
[052] Degrees
[053] Den
[054] Detector
[055] Dining
[056] Dishwasher
[057] Door
[058] Down
[059] Driveway
[060] East
[061] Electric
[062] Elevator
[063] Employee
[064] Energy-save
[065] Entertainment
[066] Entry
[067] Equipment
[068] Exercise
[069] Exhaust
[070] Exit
[071] Exterior
[072] Extinguisher
[073] Factory
[074] Family
[075] Fan
[076] Fence
[077] File
[078] Fire *
[079] Floor
[080] Florida
[081] Flow
[082] Foil
[083] Fountain
[084] Foyer
[085] Freezer
[086] French
[087] Front
[088] Furnace
[089] Game
[090] Garage
[091] Garbage
[092] Gas
[093] Gate
[094] Girls
[095] Glassbreak
[096] Greenhouse
[097] Ground
[098] Guard

[099] Guest
[100] Gun
[101] Gym
[102] Hallway
[103] Heat
[104] Heater
[105] High
[106] Holiday
[107] Home
[108] Hose
[109] Hot tub
[110] House
[111] Humidity
[112] Interior
[113] Intrusion
[114] Item *
[115] Jewellery
[116] Kitchen
[117] Ladies'
[118] Lamp
[119] Laundry
[120] Lawn
[121] Left
[122] Level
[123] Library
[124] Light
[125] Lights
[126] Liquor
[127] Living
[128] Loading
[129] Lobby
[130] Lot
[131] Low
[132] Lower
[133] Machine
[134] Maids
[135] Mail
[136] Main
[137] Maintenance
[138] Master
[139] Mat
[140] Medical
[141] Meeting
[142] Men's
[143] Middle
[144] Mode
[145] Motion
[146] Night
[147] North
[148] Number

[149] Nursery
[150] Office
[151] Outer
[152] Outlet
[153] Output *
[154] Over
[155] Overflow
[156] Overhead
[157] Panel
[158] Panic-button
[159] Parking
[160] Partition
[161] Patio
[162] Perimeter
[163] Photocopier
[164] Picture
[165] Place
[166] Play
[167] Porch
[168] Portable
[169] Power
[170] Pressure
[171] Proximity
[172] Pull-station
[173] Pump
[174] Ramp
[175] Rear
[176] Receiving
[177] Recreation
[178] Refrigerator
[179] Reset *
[180] Restricted
[181] Right
[182] Roof
[183] Room
[184] Safe
[185] Sauna
[186] Schedule
[187] Sensor *
[188] Service
[189] Shed
[190] Shipping
[191] Shop
[192] Shutter
[193] Side
[194] Silent
[195] Skylight
[196] Sliding
[197] Smoke
[198] Solarium

[199] Sounder
[200] South
[201] Sprinkler
[202] Staff
[203] Stairs
[204] Stereo
[205] Stock
[206] Storage
[207] Strike
[208] Sump
[209] Supervision
[210] Swimming-pool
[211] System *
[212] Tamper
[213] Television
[214] Temperature
[215] Time
[216] Tool
[217] Top
[218] Track
[219] Trap
[220] Under
[221] Unit
[222] Up
[223] Upper
[224] Utility *
[225] Vault
[226] Vent
[227] Vibration
[228] Walkway
[229] Warehouse
[230] Washroom
[231] Water
[232] Weekend
[233] Well
[234] West
[235] Window
[236] Wine-cellar
[237] Work
[238] Yard
[239] Zone *
[240] *Not Used*
[241] *Not Used*
[242] *Not Used*
[243] *Not Used*
[244] *Not Used*
[245] **(2 Second Pause)**

Default

			Default
[611]	Zone 11 Label		Zone 11
[612]	Zone 12 Label		Zone 12
[613]	Zone 13 Label		Zone 13
[614]	Zone 14 Label		Zone 14
[615]	Zone 15 Label		Zone 15
[616]	Zone 16 Label		Zone 16
[617]	Zone 17 Label		Zone 17
[618]	Zone 18 Label		Zone 18
[619]	Zone 19 Label		Zone 19
[620]	Zone 20 Label		Zone 20
[621]	Zone 21 Label		Zone 21
[622]	Zone 22 Label		Zone 22
[623]	Zone 23 Label		Zone 23
[624]	Zone 24 Label		Zone 24
[625]	Zone 25 Label		Zone 25
[626]	Zone 26 Label		Zone 26
[627]	Zone 27 Label		Zone 27
[628]	Zone 28 Label		Zone 28
[629]	Zone 29 Label		Zone 29
[630]	Zone 30 Label		Zone 30
[631]	Zone 31 Label		Zone 31
[632]	Zone 32 Label		Zone 32
[633]	Fire Alarm Label		Fire Zone

Special Programming

[999] [Service Code] [999] Software Default Escort5580 Programming
Re-enter Escort5580 Service Code and Section Number [999].

System Introduction

1.1   Specifications

Escort5580 Module
- Current draw: 150 mA - operating, 65 mA - standby

Voice Prompting
- All prompts are in complete sentences using a pleasant, easy to understand female voice
- All keypad commands are available
- Panel status is constantly announced, when applicable, including bypass, trouble, alarm memory and zone status.

Library
- 250+ system words
- 240+ words for programming labels
- Powerful 'say number' command can announce any number from 0 through 999 in three different ways

Programmable Labels
- System Zone Labels
- Automation Item Labels
- Automation Mode Labels
- Miscellaneous System Labels
- System Partition Labels

Automation item Control
- Requires the connection of the PL-513 or PSC04 Controller Module
- Control up to 32 Line Carrier Automation Items
- 16 Schedules with On Time, Off Time and Day of Week Mask
- 8 User Controlled Automation Modes
- A full range of dimming levels for Lighting Control
- Event Activated Control for any PGM Output Option Supported by the main Control Panel
- Global On/Off Command

Downloading
- All Escort5580 Programming can be done via the DLS Software

Getting Started

The following steps are provided to assist with the installation of the Escort5580 module. If you are unfamiliar with the Escort5580 module it is suggested you follow these steps in order to help prevent problems and reduce the overall installation time.

2.1 Installation Steps

Step 1 **Mount the Escort5580 Module**
The Escort5580 module can be installed in the same cabinet as the main control panel using the nylon standoffs provided. The module can also be located in a separate can however it should be located close to the control panel as it must wire to the telephone line connection.

Step 2 **Connect the Keybus** *(Section 2.2)*
Connect the 4 wire Keybus in accordance to the diagram in *Section 2.2 "Keybus Wiring"*.

Step 3 **Telephone Line Connection** *(Section 2.3)*
Connect the incoming telephone line in accordance to the diagram in *Section 2.3 "Telephone Line Wiring"*.

Step 4 **Enroll the Escort5580 Module** *(Section 2.4)*
Enroll the Escort5580 module in accordance to the guideline provided in *Section 2.4 "Enrolling the Escort5580 Module"*.

Step 5 **Connect the PL-513 or PSC04 Controller** *(Section 2.5)*
If the installation also includes automation items connect the PL-513 or PSC04 Controller in accordance to the diagram provided in *Section 2.5 "Connecting the PL-513 or PSC04 Controller"*.

Step 6 **Program the Escort5580**
All parameters of the Escort5580 can be programmed via any local touch tone telephone. Follow the guideline provided in *Section 4 "How to Program"*.

Step 7 **Test the System**
Test the Escort5580 using both local and remote telephones to ensure both operate properly. Check all programmed labels and the operation of all functions including automation items if connected.

2.2 Keybus Wiring
The Escort5580 module has 4 terminals marked Keybus (red, black, yellow and green). Connect these four terminals to the 4 terminals on the main control panel marked Keybus (red, black, yellow and green).

L A B E L P R O G R A M M I N G

Automation Mode Labels   Default

[521] Mode 1 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Mode 1

[522] Mode 2 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Mode 2

[523] Mode 3 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Mode 3

[524] Mode 4 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Mode 4

[525] Mode 5 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Mode 5

[526] Mode 6 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Mode 6

[527] Mode 7 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Mode 7

[528] Mode 8 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Mode 8

Miscellaneous System Labels   Default

[545] Sensor Reset |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Sensor Reset

[546] Utility Output |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Utility Output

System Partition Labels   Default

[561] Partition 1 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| System

[562] Partition 2 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Partition 2

System Zone Labels   Default

[601] Zone 1 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Zone 1

[602] Zone 2 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Zone 2

[603] Zone 3 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Zone 3

[604] Zone 4 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Zone 4

[605] Zone 5 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Zone 5

[606] Zone 6 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Zone 6

[607] Zone 7 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Zone 7

[608] Zone 8 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Zone 8

[609] Zone 9 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Zone 9

[610] Zone 10 Label |___|___|___|___|___|___|___|___|___|___|___|___|___|___| Zone 10

Label Programming *(Please see Appendix A for Escort5580 Label Library)*

❗ *Do not program a number as the 6th word of a label. See section 4.5.2.*

Automation Item Labels Default

[451]	Item 1	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 1
[452]	Item 2	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 2
[453]	Item 3	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 3
[454]	Item 4	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 4
[455]	Item 5	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 5
[456]	Item 6	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 6
[457]	Item 7	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 7
[458]	Item 8	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 8
[459]	Item 9	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 9
[460]	Item 10	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 10
[461]	Item 11	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 11
[462]	Item 12	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 12
[463]	Item 13	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 13
[464]	Item 14	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 14
[465]	Item 15	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 15
[466]	Item 16	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 16
[467]	Item 17	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 17
[468]	Item 18	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 18
[469]	Item 19	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 19
[470]	Item 20	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 20
[471]	Item 11	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 21
[472]	Item 22	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 22
[473]	Item 23	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 23
[474]	Item 24	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 24
[475]	Item 25	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 25
[476]	Item 26	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 26
[477]	Item 27	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 27
[478]	Item 28	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 28
[479]	Item 29	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 29
[480]	Item 30	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 30
[481]	Item 31	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 31
[482]	Item 32	Label	└┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴ └┴┴┴	Item 32

Keybus Connection
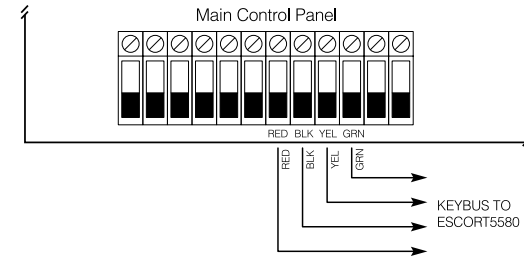
❗ *If the Keybus is not wired correctly the Escort5580 will not operate properly.*

2.3 Telephone Line Wiring

The Escort5580 module has 4 terminals for the telephone line connection (TIP, RING, T1 and R1). The wiring must be as follows:
- Main Control Panel TIP and RING - incoming line
- Main Control Panel T1 and R1 - Escort5580 TIP and RING
- Escort5580 T1 and R1 - house phones

Telephone Connection
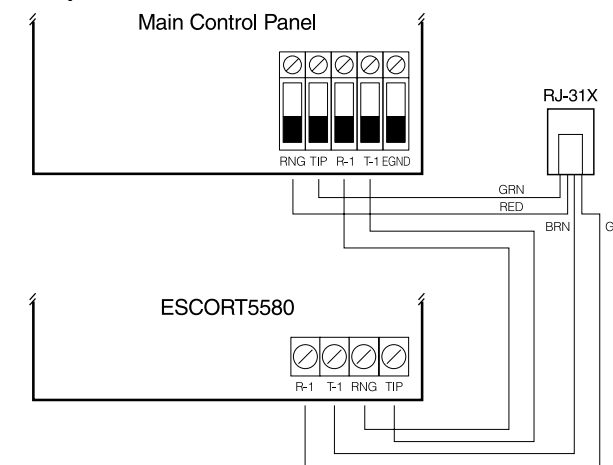
❗ *If the telephone line is not wired correctly the Escort5580 will not operate properly.*

2.4 Enrolling the Escort5580 Module

The Escort5580 will function properly as soon as all wiring is complete and power is applied. However, to fully supervise the Escort5580 from the main control panel, you will need to follow these steps:

Procedure on the PC5010

Step 1 Wire the Escort5580 module to the keybus and telephone line.

Step 2 At a keypad, enter [Q][8][Installer Code] to enter Installer Programming.

Step 3 Enter section [902] followed by the [#] key to exit Installer Programming. The panel will automatically search for all modules on the system. The search takes approximately 1 minute. From this point on, if any modules are removed from the system, a Supervisory Trouble will be generated.

Step 4 To confirm supervision, re-enter Installer Programming and then enter section [903]. On LED keypads, light 24 ON represents successful Escort5580 supervision. On LCD keypads, the description Escort5580 will be displayed if successful.

Step 5 If this is not successful, check all wiring to the Escort5580.

Procedure on the PC1575

Step 1 Wire the Escort5580 module to the keybus and telephone line.

Step 2 At a keypad, enter [Q][8][Installer Code] to enter Installer Programming.

Step 3 Enter section [92][Installer Code][92] followed by the [#] key to exit Installer Programming. The panel will take approximately 1 minute. From this point on, if any modules are removed from the system, a Supervisory Trouble will be generated.

Step 4 If this is not successful, check all wiring to the Escort5580.

2.5   Connecting the PL-513 or PSC04 Controller

The RJ-11X telephone jack on the Escort5580 is for connecting the PL-513 or PSC04 Controller. Use an RJ-11X connector cable (not supplied) to connect the Escort5580 to the PL-513 or PSC04. Plug the PL-513 or PSC04 Controller module into any unswitched AC outlet. Connect automation items for lighting, outlet and temperature control. These items plug into AC outlets located throughout the installation.

The PL-513 or PSC04 Controller receives commands from the Escort5580 module and sends out signals to control the various automation items connected.

The following diagram shows the cable that we currently require for connecting the Escort5580 to the PL-513 or PSC04. 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.
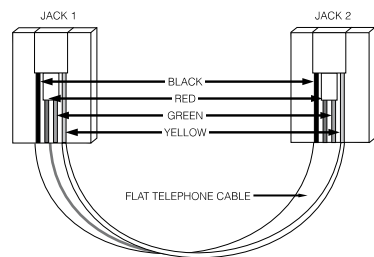
Please do not use a "Swapped", "Flipped" or "Crossover" cable as it will not work with the Escort5580. To verify whether you have the correct type of cable, plug in the PSC04 (PL513). The red LED should turn ON. Connect the telephone cable to both the PSC04 (PL513) and the Escort5580 If the LED on the PSC04 (PL513) turns OFF and remains unlit, you are using the wrong type of cable.

Automation Item Output Follower

[401] Automation Item 1: PC5010 Programmable Output Follower
Default
00 |___|___| (Valid entries are PC5010 Outputs 03-14. Valid entries are PC1575 Outputs 01 and 02. 00 = not used on both the PC5010 and PC1575.)

[402] Automation Item 2: PC5010 Programmable Output Follower |___|___|

[403] Automation Item 3: PC5010 Programmable Output Follower |___|___|

[404] Automation Item 4: PC5010 Programmable Output Follower |___|___|

[405] Automation Item 5: PC5010 Programmable Output Follower |___|___|

[406] Automation Item 6: PC5010 Programmable Output Follower |___|___|

[407] Automation Item 7: PC5010 Programmable Output Follower |___|___|

[408] Automation Item 8: PC5010 Programmable Output Follower |___|___|

[409] Automation Item 9: PC5010 Programmable Output Follower |___|___|

[410] Automation Item 10: PC5010 Programmable Output Follower |___|___|

[411] Automation Item 11: PC5010 Programmable Output Follower |___|___|

[412] Automation Item 12: PC5010 Programmable Output Follower |___|___|

[413] Automation Item 13: PC5010 Programmable Output Follower |___|___|

[414] Automation Item 14: PC5010 Programmable Output Follower |___|___|

[415] Automation Item 15: PC5010 Programmable Output Follower |___|___|

[416] Automation Item 16: PC5010 Programmable Output Follower |___|___|

[417] Automation Item 17: PC5010 Programmable Output Follower |___|___|

[418] Automation Item 18: PC5010 Programmable Output Follower |___|___|

[419] Automation Item 19: PC5010 Programmable Output Follower |___|___|

[420] Automation Item 20: PC5010 Programmable Output Follower |___|___|

[421] Automation Item 21: PC5010 Programmable Output Follower |___|___|

[422] Automation Item 22: PC5010 Programmable Output Follower |___|___|

[423] Automation Item 23: PC5010 Programmable Output Follower |___|___|

[424] Automation Item 24: PC5010 Programmable Output Follower |___|___|

[425] Automation Item 25: PC5010 Programmable Output Follower |___|___|

[426] Automation Item 26: PC5010 Programmable Output Follower |___|___|

[427] Automation Item 27: PC5010 Programmable Output Follower |___|___|

[428] Automation Item 28: PC5010 Programmable Output Follower |___|___|

[429] Automation Item 29: PC5010 Programmable Output Follower |___|___|

[430] Automation Item 30: PC5010 Programmable Output Follower |___|___|

[431] Automation Item 31: PC5010 Programmable Output Follower |___|___|

[432] Automation Item 32: PC5010 Programmable Output Follower |___|___|

Item [31] **[280]** House Code & Unit Number |___|___|___|

[281] Miscellaneous options 01 02 03 04 05 06 07 08 09

[282] Schedule Assignment 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

[283] Mode Assignment 01 02 03 04 05 06 07 08

[284] Schedule/Output Condition |___|___|

Item [32] **[285]** House Code & Unit Number |___|___|___|

[286] Miscellaneous options 01 02 03 04 05 06 07 08 09

[287] Schedule Assignment 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16

[288] Mode Assignment 01 02 03 04 05 06 07 08

[289] Schedule/Output Condition |___|___|

Automation Item Pulse Schedules

[301] Automation Item 1: Pulse Timer

Default
005 |___|___|___| (Valid entries are 000-255 seconds)

[301] Automation Item 1: Pulse Timer |___|___|___|	**[317]** Automation Item 17: Pulse Timer |___|___|___|
[302] Automation Item 2: Pulse Timer |___|___|___|	**[318]** Automation Item 18: Pulse Timer |___|___|___|
[303] Automation Item 3: Pulse Timer |___|___|___|	**[319]** Automation Item 19: Pulse Timer |___|___|___|
[304] Automation Item 4: Pulse Timer |___|___|___|	**[320]** Automation Item 20: Pulse Timer |___|___|___|
[305] Automation Item 5: Pulse Timer |___|___|___|	**[321]** Automation Item 21: Pulse Timer |___|___|___|
[306] Automation Item 6: Pulse Timer |___|___|___|	**[322]** Automation Item 22: Pulse Timer |___|___|___|
[307] Automation Item 7: Pulse Timer |___|___|___|	**[323]** Automation Item 23: Pulse Timer |___|___|___|
[308] Automation Item 8: Pulse Timer |___|___|___|	**[324]** Automation Item 24: Pulse Timer |___|___|___|
[309] Automation Item 9: Pulse Timer |___|___|___|	**[325]** Automation Item 25: Pulse Timer |___|___|___|
[310] Automation Item 10: Pulse Timer |___|___|___|	**[326]** Automation Item 26: Pulse Timer |___|___|___|
[311] Automation Item 11: Pulse Timer |___|___|___|	**[327]** Automation Item 27: Pulse Timer |___|___|___|
[312] Automation Item 12: Pulse Timer |___|___|___|	**[328]** Automation Item 28: Pulse Timer |___|___|___|
[313] Automation Item 13: Pulse Timer |___|___|___|	**[329]** Automation Item 29: Pulse Timer |___|___|___|
[314] Automation Item 14: Pulse Timer |___|___|___|	**[330]** Automation Item 30: Pulse Timer |___|___|___|
[315] Automation Item 15: Pulse Timer |___|___|___|	**[331]** Automation Item 31: Pulse Timer |___|___|___|
[316] Automation Item 16: Pulse Timer |___|___|___|	**[332]** Automation Item 32: Pulse Timer |___|___|___|

Escort5580 Operation

S E C T I O N   3

3.1   Accessing the Escort5580 Locally

The Escort5580 can be accessed locally using any touch tone telephone on premise. To access the Escort5580 locally simply pick up any local telephone and enter the three digit Local/Remote Phone Access Code (default [✱✱✱]). The Escort5580 will seize the line and announce *"Hello"*. If the User Code Required for Local Access option is enabled the Escort5580 will announce *"Enter Your Access Code"*. Access to the system will not be granted until a valid access code has been entered. Invalid access codes do count towards Main Panel Keypad Lockout *(see the "Keypad Lockout" section of your system Installation Manual — section 5.22 of the PC5010 Manual OR section 5.19 of the PC1575 manual)*.

The Escort5580 will function even if the phone line is disconnected. The panel supervises the phone line and if it senses a fault it will tell the Escort5580 to provide the current required so that locally the Escort5580 will still function. For this to operate properly Telephone Line Supervision must be enabled *(See Section 5.11 "Telephone Line Monitor" of PC5010 or the PC1575 Installation Manuals)*.

3.2   Accessing the Escort5580 Remotely

🛑 ***Downloading Answer Enabled must be ON in Section [401] of the PC5010 OR section [71] of the PC1575 for Remote Access.***

If the Remote Access option is enabled the Escort5580 can also be accessed remotely from any touch tone phone in the world. The following are the steps required to access the Escort5580 remotely:

Step 1 - Call the phone number the Escort5580 is connected to.

Step 2 - Let the phone ring one or two times.

Step 3 - Hang up the call, wait 10 seconds and call again. On the second phone call the Escort5580 will answer on the first ring and announce *"Hello"*.

Step 4 - Enter the 3 digit Local/Remote Phone Access Code. If the Local/Remote Phone Access Code is not entered within 10 seconds the Escort5580 will announce *"Goodbye"* and hang up. Once the correct code has been entered the system will announce *"Enter Your Access Code"*.

Step 5 - Enter a valid 4 or 6 digit User Code. If the user code is not entered within 10 seconds or if the incorrect user code is entered 3 times, the Escort5580 will announce *"Goodbye"* and hang up.

If everything is done correctly the Escort5580 will begin to announce the status of the system.

3.3 Global or Partition Operation

The following is a description of how the Escort5580 can be programmed to access only Partition 1, only Partition 2 or both Partitions (global).

3.3.1 Global Operation

If the PC5010 has been programmed for two Partition operation the Escort5580 will act as a Global module. If the User Code Required for Local Access option is enabled the Escort5580 will act as a Global module.

> **!** *If the PC5010 has been programmed for two Partition operation the User Code Required for Local Access option should be enabled.*

When the Escort5580 is accessed it will automatically determine the ability of the User Code entered. If the User Code entered only works on Partition 1 it will allow access to Partition 1 and begin to announce status. If the User Code entered only works on Partition 2 it will allow access to Partition 2 and begin to announce status.

If the User Code entered has access to both Partitions the Escort5580 will announce the following:

> *"To Select [Partition 1 Label] Press [1]"*
>
> *"To Select [Partition 2 Label] Press [2]"*

Once the number is pressed the Escort5580 will grant access to the selected Partition and begin to announce status. Once a Partition is selected an additional menu prompt will be announced when in the Ready mode. The Escort5580 will announce one of the following messages:

> *"To Select {System} Press [#] Then [1]"*
>
> *"To Select {Partition two} Press [#] Then [2]"*

This function will allow the user to select the other Partition after initial access is granted.

3.3.2 Partition Operation

Partition operation only applies to local access and only if the User Code Required for Local Access option is disabled, otherwise See *Section 3.3.1 "Global Operation"*.

If the Partition 1 Access option is enabled and the User Code Required for Local Access option is disabled the Escort5580 will only allow access to Partition 1 locally.

If the Partition 2 Access option is enabled and the User Code Required for Local Access option is disabled the Escort5580 will only allow access to Partition 2 locally.

> **!** *If both options are disabled the Escort5580 will default to Partition 1 only.*

3.4 Receiving Incoming Calls

If the Escort5580 is being accessed on premises and an incoming call is registered, the Escort5580 will announce:

> *"Attention. You Have an Incoming Call. To Receive the Call Press Pound Now."*

If the [#] key is pressed the Escort5580 will hang up and the user will be connected to the incoming call. If the [#] key is not pressed the user will continue to have access to the

Item [25]	[250] House Code & Unit Number	|_|_|_|
	[251] Miscellaneous options	01 02 03 04 05 06 07 08 09
	[252] Schedule Assignment	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
	[253] Mode Assignment	01 02 03 04 05 06 07 08
	[254] Schedule/Output Condition	|_|_|
Item [26]	[255] House Code & Unit Number	|_|_|_|
	[256] Miscellaneous options	01 02 03 04 05 06 07 08 09
	[257] Schedule Assignment	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
	[258] Mode Assignment	01 02 03 04 05 06 07 08
	[259] Schedule/Output Condition	|_|_|
Item [27]	[260] House Code & Unit Number	|_|_|_|
	[261] Miscellaneous options	01 02 03 04 05 06 07 08 09
	[262] Schedule Assignment	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
	[263] Mode Assignment	01 02 03 04 05 06 07 08
	[264] Schedule/Output Condition	|_|_|
Item [28]	[265] House Code & Unit Number	|_|_|_|
	[266] Miscellaneous options	01 02 03 04 05 06 07 08 09
	[267] Schedule Assignment	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
	[268] Mode Assignment	01 02 03 04 05 06 07 08
	[269] Schedule/Output Condition	|_|_|
Item [29]	[270] House Code & Unit Number	|_|_|_|
	[271] Miscellaneous options	01 02 03 04 05 06 07 08 09
	[272] Schedule Assignment	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
	[273] Mode Assignment	01 02 03 04 05 06 07 08
	[274] Schedule/Output Condition	|_|_|
Item [30]	[275] House Code & Unit Number	|_|_|_|
	[276] Miscellaneous options	01 02 03 04 05 06 07 08 09
	[277] Schedule Assignment	01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16
	[278] Mode Assignment	01 02 03 04 05 06 07 08
	[279] Schedule/Output Condition	|_|_|

Item [19] **[220]** House Code & Unit Number ⌊__|__|__|__⌋

[221] Miscellaneous options ⌊01,02,03,04,05,06,07,08,09⌋

[222] Schedule Assignment ⌊01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16⌋

[223] Mode Assignment ⌊01,02,03,04,05,06,07,08⌋

[224] Schedule/Output Condition ⌊__|__|__⌋

Item [20] **[225]** House Code & Unit Number ⌊__|__|__|__⌋

[226] Miscellaneous options ⌊01,02,03,04,05,06,07,08,09⌋

[227] Schedule Assignment ⌊01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16⌋

[228] Mode Assignment ⌊01,02,03,04,05,06,07,08⌋

[229] Schedule/Output Condition ⌊__|__|__⌋

Item [21] **[230]** House Code & Unit Number ⌊__|__|__|__⌋

[231] Miscellaneous options ⌊01,02,03,04,05,06,07,08,09⌋

[232] Schedule Assignment ⌊01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16⌋

[233] Mode Assignment ⌊01,02,03,04,05,06,07,08⌋

[234] Schedule/Output Condition ⌊__|__|__⌋

Item [22] **[235]** House Code & Unit Number ⌊__|__|__|__⌋

[236] Miscellaneous options ⌊01,02,03,04,05,06,07,08,09⌋

[237] Schedule Assignment ⌊01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16⌋

[238] Mode Assignment ⌊01,02,03,04,05,06,07,08⌋

[239] Schedule/Output Condition ⌊__|__|__⌋

Item [23] **[240]** House Code & Unit Number ⌊__|__|__|__⌋

[241] Miscellaneous options ⌊01,02,03,04,05,06,07,08,09⌋

[242] Schedule Assignment ⌊01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16⌋

[243] Mode Assignment ⌊01,02,03,04,05,06,07,08⌋

[244] Schedule/Output Condition ⌊__|__|__⌋

Item [24] **[245]** House Code & Unit Number ⌊__|__|__|__⌋

[246] Miscellaneous options ⌊01,02,03,04,05,06,07,08,09⌋

[247] Schedule Assignment ⌊01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16⌋

[248] Mode Assignment ⌊01,02,03,04,05,06,07,08⌋

[249] Schedule/Output Condition ⌊__|__|__⌋

How to Program

Escort5580.

The following sections describe how to program the various Escort5580 features and functions. All Escort5580 programming can be done via any local touch tone telephone or via the DLS software.

❗ *It is extremely important that you read this Section of the manual completely before attempting to program the Escort5580 module.*

4.1 How to Enter Installer Programming

From any local touch tone telephone enter the following:

Step 1 - Enter the Local/Remote Access Code (default [✱✱✱]). The Escort5580 will announce *"Hello"*.

Step 2 - Press [✱], [8]. The Escort5580 will announce *"Enter Service Code"*.

Step 3 - Enter the Service Code (default [5580]). The Escort5580 will announce *"Enter a Section Number"*.

Step 4 - Enter the 3 digit Section Number for Programming

If the wrong Service Code is entered the Escort5580 will announce *"Invalid Service Code"*. If the Service Code Lockout feature is enabled and enough incorrect attempts are made the Escort5580 will announce *"Access Denied Lockout in Progress"* *(See Section 5.4 "Programming Lockout")*.

4.2 Programming Decimal Data

When a decimal Programming Section is entered the Escort5580 will announce the following:

"Section Number XXX"
"Data is AAA"
"Enter New Data"

Using the touch tone telephone enter the new data or press [#] to exit the Section if the data is correct. If new data is entered when the correct number of digits are entered the Escort5580 will announce the new data, save the changes and exit the Section.

4.3 Programming HEX Data

No HEX programming is required for the Escort5580 module.

4.4 Programming Toggle Data

When a toggle Programming Section is entered the Escort5580 will announce the following:

"Section Number XXX"

Depending if none, some or all of the options are on the Escort5580 will announce one of the following:

"All Options are Off"
"All Options are On"
"Option AA is On"
"Options AA, BB and CC are On"

To turn an option off that is on or to turn an option on that is off use the touch tone telephone to enter the 2 digit number for the option. The Escort5580 will again announce which options (if any) are on. When done changing toggle options press the [#] key to exit the Section.

4.5 Programming Labels

When a Label Section is entered the Escort5580 will announce the following:

{ Word 1 } { Word 2 } { Word 3 } { Word 4 } { Word 5 } { Word 6 }
"Enter Three Digit Word"

4.5.1 Programming Words in Labels

Up to 6 words can be programmed for any zone label (See - Appendix A - Escort5580 Word Library for a list of available words). If the 'say number' option is used two words will be used for each number. The first word determines how the number will be said, the second word is the number to be announced *(See 4.5.2 "Programming Numbers in Labels")*.

To program a label enter the following:
• enter the 3 digit number corresponding to the word from the library
• an acknowledgement beep will be heard. After waiting one second the Escort5580 will announce all words programmed.
• enter the 3 digit number corresponding to the next word from the library
• an acknowledgement beep will be heard. After waiting one second the Escort5580 will announce all words programmed.

Continue entering 3 digit numbers corresponding to words from the library until the label is programmed. If all six words are not required for a label press the [#] key to exit the Section after the words required are programmed. The panel will automatically blank the extra words in the label and repeat the words programmed.

If all six words are programmed the Escort5580 will automatically exit the Section after the last word is entered and repeat the words programmed.

4.5.2 Programming Numbers in Labels

Any number from 0 through 999 can be announced by the Escort5580. When the Escort5580 must say a number it will take up two words in the label. The first word determines how the Escort5580 will announce the number. The second word is the actual number the Escort5580 will announce. There are three different ways for the Escort5580 to say the word:

Combined # Command - Number 401 will be announced **"FOUR HUNDRED AND ONE"**
Ordered # Command - Number 401 will be announced **"FOUR HUNDRED AND FIRST"**
Individual # Command - Number 401 will be announced **"FOUR ZERO ONE"**

To program the Escort5580 to say a number in a label enter the following:

• [000] for Combined # Command, [001] for Ordered # Command or [002] for Individual # Command
• [XXX] - enter the number to be announced

❗ ***Programming a number in a label uses up 2 word slots. Therefore, a label programmed with a number in it can only have a maximum of 4 words and 1 number.***

4.6 How to Review Programming

Programming for a Section can be reviewed by simply entering the Section. The Escort5580 will announce the data programmed. If the programming is correct press the [#] key to exit the Section otherwise enter the correct data.

4.7 How to Exit Programming

When the Escort5580 announces **"Enter Section Number",** press the [#] key.

Item [13] **[190]** House Code & Unit Number |__|__|__|

[191] Miscellaneous options 01,02,03,04,05,06,07,08,09

[192] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

[193] Mode Assignment 01,02,03,04,05,06,07,08

[194] Schedule/Output Condition |__|__|

Item [14] **[195]** House Code & Unit Number |__|__|__|

[196] Miscellaneous options 01,02,03,04,05,06,07,08,09

[197] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

[198] Mode Assignment 01,02,03,04,05,06,07,08

[199] Schedule/Output Condition |__|__|

Item [15] **[200]** House Code & Unit Number |__|__|__|

[201] Miscellaneous options 01,02,03,04,05,06,07,08,09

[202] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

[203] Mode Assignment 01,02,03,04,05,06,07,08

[204] Schedule/Output Condition |__|__|

Item [16] **[205]** House Code & Unit Number |__|__|__|

[206] Miscellaneous options 01,02,03,04,05,06,07,08,09

[207] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

[208] Mode Assignment 01,02,03,04,05,06,07,08

[209] Schedule/Output Condition |__|__|

Item [17] **[210]** House Code & Unit Number |__|__|__|

[211] Miscellaneous options 01,02,03,04,05,06,07,08,09

[212] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

[213] Mode Assignment 01,02,03,04,05,06,07,08

[214] Schedule/Output Condition |__|__|

Item [18] **[215]** House Code & Unit Number |__|__|__|

[216] Miscellaneous options 01,02,03,04,05,06,07,08,09

[217] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16

[218] Mode Assignment 01,02,03,04,05,06,07,08

[219] Schedule/Output Condition |__|__|

Item [07] **[160]** House Code & Unit Number |___|___|___|

[161] Miscellaneous options ,01,02,03,04,05,06,07,08,09,

[162] Schedule Assignment ,01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[163] Mode Assignment ,01,02,03,04,05,06,07,08,

[164] Schedule/Output Condition |___|___|

Item [08] **[165]** House Code & Unit Number |___|___|___|

[166] Miscellaneous options ,01,02,03,04,05,06,07,08,09,

[167] Schedule Assignment ,01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[168] Mode Assignment ,01,02,03,04,05,06,07,08,

[169] Schedule/Output Condition |___|___|

Item [09] **[170]** House Code & Unit Number |___|___|___|

[171] Miscellaneous options ,01,02,03,04,05,06,07,08,09,

[172] Schedule Assignment ,01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[173] Mode Assignment ,01,02,03,04,05,06,07,08,

[174] Schedule/Output Condition |___|___|

Item [10] **[175]** House Code & Unit Number |___|___|___|

[176] Miscellaneous options ,01,02,03,04,05,06,07,08,09,

[177] Schedule Assignment ,01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[178] Mode Assignment ,01,02,03,04,05,06,07,08,

[179] Schedule/Output Condition |___|___|

Item [11] **[180]** House Code & Unit Number |___|___|___|

[181] Miscellaneous options ,01,02,03,04,05,06,07,08,09,

[182] Schedule Assignment ,01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[183] Mode Assignment ,01,02,03,04,05,06,07,08,

[184] Schedule/Output Condition |___|___|

Item [12] **[185]** House Code & Unit Number |___|___|___|

[186] Miscellaneous options ,01,02,03,04,05,06,07,08,09,

[187] Schedule Assignment ,01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[188] Mode Assignment ,01,02,03,04,05,06,07,08,

[189] Schedule/Output Condition |___|___|

Program Descriptions
S E C T I O N   5

The following sections explain the options programmable for the Escort5580. Programmable options for automation item control are explained in *Section 6*.

5.1 Escort5580 Star Announcements

The Star Function Prompt Mask Section will allow you to remove prompts that are not applicable to an installation. This will make the system easier for the user to operate. Even if the prompt is disabled the command can still be entered, it is only removed from Escort5580 announcement.

● ●

[✱] Function Prompt Mask .... Section [004]

● ●

The Escort5580 is designed to make the system easier for the user by acting as a tutor. There are many [✱] commands which the user may want to use but remembering these may be difficult. For this reason, when the Escort5580 is accessed the user can press the [✱] key to get a list of the available functions.

Certain [✱] commands may not be applicable to an installation. For example if the PL-513 Controller is not being used the 'Automation Control' prompt may cause confusion.

5.2 Escort5580 Status Prompts

The Status Prompt Mask Section will allow you to remove status prompts that are not applicable to an installation to make the system easier for the user to operate.

● ●

Status Prompt Mask .... Section [003]

● ●

5.3 Local/Remote Telephone Access Code

The Local/Remote Telephone Access Code at default is [✱✱✱]. This can be changed to any 3 digit code using numbers 0 through 9 as well as the [✱] and [#] keys.

> ❗ *Avoid programming this code as a valid 3 digit area code or telephone service. Numbers such as [911], [411], [611] or [0XX] should be avoided. For UL Listed installation, Local Access Only must be enabled.*

● ●

Local/Remote Telephone Access Code .... Section [020]

● ●

5.4 Programming Lockout

The Escort5580 can be programmed locally through any touch tone phone. The Local Programming Lockout Counter determines the number of incorrect Service Codes before local Programming Lockout occurs. If the number of incorrect Service Codes are entered the Escort5580 will lock out programming for the number of minutes programmed in Local Programming Lockout Duration. When locked out the Escort5580 will not allow local programming for the duration even if the correct Service Code is entered. Programming via the DLS can still be performed if local programming lockout is active.

● ●

Local Programming Lockout Counter .... Section [005]
Local Programming Lockout Duration .... Section [006]
Service Code .... Section [001]

● ●

5.5 Automation Item Schedules

Any of the 32 automation items can be programmed to follow any or all of the 16 Schedules available. Programming a Schedule requires you to enter a valid **Schedule On Time** and a valid **Schedule Off Time**. In addition the **Day of Week Mask** must also be programmed.

On selected days of the week any automation items assigned to the schedule (**Automation Item Schedule Assignment**) will be activated at the Schedule On Time and be turned off at the Schedule Off Time, which may be the next day.

For example:

An Item must be scheduled to activate ON Wednesday at 9:00 pm and turn OFF Thursday at 3:00 am. Program a Schedule as follows:

    ON Time - 2100
    OFF Time - 0300
    Day of Week Mask - Wednesday ON

An Item programmed to follow the above schedule will turn ON at 9:00 pm on Wednesday and will turn OFF at 3:00 am Thursday even though Thursday is not enabled in the Day Mask.

If the automation items **Automation Item Pulse Schedule** is programmed the item will be active for the pulse time programmed then it will turn off. The Schedule Off Time will not need to be programmed as it will not affect the output.

● ●

Schedule On Time .... Section [030] to [075]
Schedule Off Time .... Section [031] to [076]
Automation item Schedule Assignment .... Section [132] to [287]
Day of Week Mask .... Section [032] to [077]
Automation item Pulse Schedule .... Section [301] to [332]

● ●

Item [01]

[130] House Code & Unit Number |___|___|___|

[131] Miscellaneous options 01,02,03,04,05,06,07,08,09,

[132] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[133] Mode Assignment 01,02,03,04,05,06,07,08,

[134] Schedule/Output Condition |___|___|

Item [02]

[135] House Code & Unit Number |___|___|___|

[136] Miscellaneous options 01,02,03,04,05,06,07,08,09,

[137] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[138] Mode Assignment 01,02,03,04,05,06,07,08,

[139] Schedule/Output Condition |___|___|

Item [03]

[140] House Code & Unit Number |___|___|___|

[141] Miscellaneous options 01,02,03,04,05,06,07,08,09,

[142] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[143] Mode Assignment 01,02,03,04,05,06,07,08,

[144] Schedule/Output Condition |___|___|

Item [04]

[145] House Code & Unit Number |___|___|___|

[146] Miscellaneous options 01,02,03,04,05,06,07,08,09,

[147] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[148] Mode Assignment 01,02,03,04,05,06,07,08,

[149] Schedule/Output Condition |___|___|

Item [05]

[150] House Code & Unit Number |___|___|___|

[151] Miscellaneous options 01,02,03,04,05,06,07,08,09,

[152] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[153] Mode Assignment 01,02,03,04,05,06,07,08,

[154] Schedule/Output Condition |___|___|

Item [06]

[155] House Code & Unit Number |___|___|___|

[156] Miscellaneous options 01,02,03,04,05,06,07,08,09,

[157] Schedule Assignment 01,02,03,04,05,06,07,08,09,10,11,12,13,14,15,16,

[158] Mode Assignment 01,02,03,04,05,06,07,08,

[159] Schedule/Output Condition |___|___|

Automation Items

[130]   Item [01] House Code and Unit Number

Default
000 �_⌐_⌐_⌐_⌐   (Valid entries are 000-255 from chart on Appendix B)

[131]   Item [01] Miscellaneous options

Default			Option ON	Option Off
OFF	⌐___⌐	Option 01	Item enabled	Disabled
ON	⌐___⌐	Option 02	User controlled (On/Off)	Not user controlled
OFF	⌐___⌐	Option 03	Included in Global On/Off command	Not included
OFF	⌐___⌐	Option 04	Dimming enabled	Disabled
ON	⌐___⌐	Option 05	Follows Schedule / Output always	Follows Schedule / Output only if a Mode is ON
ON	⌐___⌐	Option 06	Item is ON steady when active	Item activates for programmed time
ON	⌐___⌐	Option 07	Item prompting is *"On /Off"*	Not this prompting
OFF	⌐___⌐	Option 08	Item prompting is *"Open/Close"*	Not this prompting
OFF	⌐___⌐	Option 09	Item prompting is *"Setback On/Off"*	Not this prompting

[132]   Item [01] Schedule Assignment

Default			Option ON	Option Off
OFF	⌐___⌐	Option 01	Follows Schedule 1	Does not follow Schedule 1
OFF	⌐___⌐	Option 02	Follows Schedule 2	Does not follow Schedule 2
OFF	⌐___⌐	Option 03	Follows Schedule 3	Does not follow Schedule 3
OFF	⌐___⌐	Option 04	Follows Schedule 4	Does not follow Schedule 4
OFF	⌐___⌐	Option 05	Follows Schedule 5	Does not follow Schedule 5
OFF	⌐___⌐	Option 06	Follows Schedule 6	Does not follow Schedule 6
OFF	⌐___⌐	Option 07	Follows Schedule 7	Does not follow Schedule 7
OFF	⌐___⌐	Option 08	Follows Schedule 8	Does not follow Schedule 8
OFF	⌐___⌐	Option 09	Follows Schedule 9	Does not follow Schedule 9
OFF	⌐___⌐	Option 10	Follows Schedule 10	Does not follow Schedule 10
OFF	⌐___⌐	Option 11	Follows Schedule 11	Does not follow Schedule 11
OFF	⌐___⌐	Option 12	Follows Schedule 12	Does not follow Schedule 12
OFF	⌐___⌐	Option 13	Follows Schedule 13	Does not follow Schedule 13
OFF	⌐___⌐	Option 14	Follows Schedule 14	Does not follow Schedule 14
OFF	⌐___⌐	Option 15	Follows Schedule 15	Does not follow Schedule 15
OFF	⌐___⌐	Option 16	Follows Schedule 16	Does not follow Schedule 16

[133]   Item [01] Mode Assignment

Default			Option ON	Option Off
OFF	⌐___⌐	Option 01	Assigned to MODE 1	Not assigned to MODE 1
OFF	⌐___⌐	Option 02	Assigned to MODE 2	Not assigned to MODE 2
OFF	⌐___⌐	Option 03	Assigned to MODE 3	Not assigned to MODE 3
OFF	⌐___⌐	Option 04	Assigned to MODE 4	Not assigned to MODE 4
OFF	⌐___⌐	Option 05	Assigned to MODE 5	Not assigned to MODE 5
OFF	⌐___⌐	Option 06	Assigned to MODE 6	Not assigned to MODE 6
OFF	⌐___⌐	Option 07	Assigned to MODE 7	Not assigned to MODE 7
OFF	⌐___⌐	Option 08	Assigned to MODE 8	Not assigned to MODE 8

[134]   Item [01] Schedule/Output Condition

Default
00 ⌐_⌐_⌐   (Valid Entries are 00-04) (See *Sections 401-432 for Output Programming*)

[00] No SCHEDULE or Output control   [03] SCHEDULE OR   PC50XX Output
[01] 50XX Output only   [04] SCHEDULE AND PC50XX Output
[02] SCHEDULE only

Home Automation

The Escort5580 has a built-in interface which will allow control of line carrier automation items through a PL-513 Controller module. Up to 32 items can be controlled through any touch tone phone, both local and remote. These automation items can be used to control lighting, outlets, drapes, temperature as well other items.

The PL-513 Controller transmits signals over the 50 or 60 Hz AC power of the home or business to control the automation items. Each automation item uses dials to select an unique address for each. The unique address for each automation item must be programmed into the Escort5580 so that it can tell the PL-513 which automation items to turn on, turn off, or (in the case of lighting), which dimming level to use. The unique address for each is referred to as the **Automation Item House Code and Unit Number**.

One dial is used to select a letter from A through P, the other a number from 1 through 16. Refer to the Automation Item House Code & Unit Number Chart located in Appendix B for the 3 digit number that corresponds to the dial settings.

• •
Automation Item House Code & Unit Number .... Section [130] to [285]
Automation Item House Code & Unit Number Chart .... Appendix B
• •

> ❶ *If schedules or automation items are programmed, automation must be enabled in section [002].*

6.1   Turning On Automation Item Control

If the PL-513 Controller is to be used the Home Automation feature must be enabled in the Escort5580 before it will operate. To enable automation item control turn on the **Home Automation Enable** feature. For additional security the **[✱] [5] requires an Access Code** feature can be enabled. If enabled, the Escort5580 will prompt "Enter Your Access Code" after the user enters [✱], [5]. Otherwise the Escort5580 will immediately enter the automation item control menu. You must also program what type of AC current you are using (ie. 50 Hz or 60 Hz).

• •
Home Automation Enable .... Section [002], Option [03]
[✱] [5] Requires an Access Code .... Section [002], Option [04]
AC = 50 or 60 Hz .... Section [002], Option [05]
• •

6.2   Activating Automation Items

Automation items can be activated 6 ways: manually, globally, event initiated, scheduled, scheduled OR event initiated or scheduled AND event initiated. Each of these will be discussed in detail with examples to help make them clear.

6.2.1   Manual Control

If the **User Controlled** option is enabled for the automation item the item can be controlled by the user even if global control, event initiated control or scheduled control is also used. The user, through a touch tone phone through the Escort5580 can turn the automation item on or off and in the case of lighting can also control dimming.

For example, the user could turn on an outlet in the home to turn on the air conditioning while driving home using a cellular phone. When the customer arrives home the house is cool.

● ●

User Controlled Enable .... Section [131] to [286], Option [02]

● ●

6.2.2   Global Control

Several automation items can be grouped for Global operation. If the **Included in Global Command** option is enabled it can also be controlled through a global command.

For example, the user may have several lights downstairs. At bedtime, rather than individually turning each light off the user could issue a global off command. All items included in the Global Command would be turned off.

● ●

Included in Global Command Enable .... Section [131] to [286], Option [03]

● ●

6.2.3   Event Initiated

Automation items can be programmed to activate when an event occurs on the panel. The event can be any of the PGM Output options supported by the panel. For the automation item to activate for an event the **Automation Item Output Follower** option must be programmed with the 2 digit PGM Output found in the main control panel Installation Manual. Also the **Item Schedule/Output Condition** option must be programmed for one of the Event Initiated options.

For example, if an alarm were to occur several lights throughout the home or business could be turned on to deter burglars from entering the premises.

● ●

Automation Item Output Follower .... Section [401] to [432]
Item Schedule/Output Condition .... Section [134] to [289]

● ●

Valid PGM entries on the PC5010 are 03 - 14. Valid PGM entries on the PC1575 are 01 and 02.

> **!** *A maximum of 4 items can be programmed to follow any one PGM from the security system.*

6.2.4   Scheduled

Sixteen schedules are available for automation item control. The **Schedule Assignment** is used to select which schedule(s) the automation item will follow. Also the **Item Schedule/ Output Condition** option for the automation item must be programmed for one of the Scheduled options. Schedules include an on time, an off time and a day of week mask.

For example, if a sprinkler was to be turned on from 8:00 am to 9:00 am Monday, Wednesday and Friday one of the 16 schedules could be used to do this. If the sprinkler was also to be turned on from 11:30 am to 12:30 pm on Saturday and Sunday a different schedule would have to be used. The automation item would be told to follow both schedules to operate properly.

Automation Programming

Automation Schedules

Schedule 1 On-Time

Default
9999   ⌊__⌊__⌊__⌊__⌋   (Valid entries are 0000-2359, 9999 to disable)

Schedule 1 Off-Time

Default
9999   ⌊__⌊__⌊__⌊__⌋   (Valid entries are 0000-2359, 9999 to disable)

Schedule 1 Day Mask

Default		Option ON		Option Off
ON	⌊____⌋	Option 01	Activates on Sunday	Does Not Activate on Sunday
ON	⌊____⌋	Option 02	Activates on Monday	Does Not Activate on Monday
ON	⌊____⌋	Option 03	Activates on Tuesday	Does Not Activate on Tuesday
ON	⌊____⌋	Option 04	Activates on Wednesday	Does Not Activate on Wednesday
ON	⌊____⌋	Option 05	Activates on Thursday	Does Not Activate on Thursday
ON	⌊____⌋	Option 06	Activates on Friday	Does Not Activate on Friday
ON	⌊____⌋	Option 07	Activates on Saturday	Does Not Activate on Saturday

	On Time	Off Time	Day Mask 01 02 03 04 05 06 07
Schedule 1 [030]	⌊__⌊__⌊__⌊__⌋	[031] ⌊__⌊__⌊__⌊__⌋	[032] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 2 [033]	⌊__⌊__⌊__⌊__⌋	[034] ⌊__⌊__⌊__⌊__⌋	[035] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 3 [036]	⌊__⌊__⌊__⌊__⌋	[037] ⌊__⌊__⌊__⌊__⌋	[038] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 4 [039]	⌊__⌊__⌊__⌊__⌋	[040] ⌊__⌊__⌊__⌊__⌋	[041] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 5 [042]	⌊__⌊__⌊__⌊__⌋	[043] ⌊__⌊__⌊__⌊__⌋	[044] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 6 [045]	⌊__⌊__⌊__⌊__⌋	[046] ⌊__⌊__⌊__⌊__⌋	[047] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 7 [048]	⌊__⌊__⌊__⌊__⌋	[049] ⌊__⌊__⌊__⌊__⌋	[050] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 8 [051]	⌊__⌊__⌊__⌊__⌋	[052] ⌊__⌊__⌊__⌊__⌋	[053] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 9 [054]	⌊__⌊__⌊__⌊__⌋	[055] ⌊__⌊__⌊__⌊__⌋	[056] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 10 [057]	⌊__⌊__⌊__⌊__⌋	[058] ⌊__⌊__⌊__⌊__⌋	[059] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 11 [060]	⌊__⌊__⌊__⌊__⌋	[061] ⌊__⌊__⌊__⌊__⌋	[062] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 12 [063]	⌊__⌊__⌊__⌊__⌋	[064] ⌊__⌊__⌊__⌊__⌋	[065] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 13 [066]	⌊__⌊__⌊__⌊__⌋	[067] ⌊__⌊__⌊__⌊__⌋	[068] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 14 [069]	⌊__⌊__⌊__⌊__⌋	[070] ⌊__⌊__⌊__⌊__⌋	[071] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 15 [072]	⌊__⌊__⌊__⌊__⌋	[073] ⌊__⌊__⌊__⌊__⌋	[074] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋
Schedule 16 [075]	⌊__⌊__⌊__⌊__⌋	[076] ⌊__⌊__⌊__⌊__⌋	[077] ⌊_⌊_⌊_⌊_⌊_⌊_⌊_⌋

[004] Star Function Prompt Mask

Default			Option ON	Option Off
ON		Option 01	**For Zone Bypassing** Prompt enabled	Prompt disabled
ON		Option 02	**For System Troubles** Prompt enabled	Prompt disabled
ON		Option 03	**For Alarm Memory** Prompt enabled	Prompt disabled
ON		Option 04	**For Door Chime Control** Prompt enabled	Prompt disabled
ON		Option 05	**For Automation Control** Prompt enabled	Prompt disabled
ON		Option 06	**For Special Functions** Prompt enabled	Prompt disabled
ON		Option 07	**For "Utility Output"** Prompt enabled	Prompt disabled
ON		Option 08	**For Arming Without Entry** Prompt enabled	Prompt disabled
ON		Option 09	**For Quick Arming** Prompt enabled	Prompt disabled
ON		Option 10	**For Quick Exit** Prompt enabled	Prompt disabled
ON		Option 11	**To Arm Interior Zones** Prompt enabled	Prompt disabled
ON		Option 12	**For Volume Control** Prompt enabled	Prompt disabled
ON		Option 13	**For Speech Rate Control** Prompt enabled	Prompt disabled
ON		Option 14	**For Future Use**	
ON		Option 15	**For Future Use**	
ON		Option 16	**For User Programming** Prompt enabled	Prompt disabled

[005] Local Programming Lockout Counter

Default

000   (Valid entries are 000-255 attempts)

[006] Local Programming Lockout Duration

Default

000   (Valid entries are 000-255 minutes)

[007] Number of Home Automation Transmissions

Default

001   (Valid entries are 000-255 powerline transmissions)

Phone Access Programming

[020] Local/Remote Phone Access Code

Default

✱✱✱   Enter 3 digits (0,1,2,3,4,5,6,7,8,9,✱,#)

> ❗ *Avoid Codes that coincide with local telephone company 3-digit telephone numbers and services. Also do not exit this section by pressing [#], it will be accepted as a valid digit.*

[021] Phone Access Options

Default			Option ON	Option Off
OFF		Option 01	Local Access Only	Remote and Local Access enabled
OFF		Option 02	50XX Code always req'd for Local access	No code req'd / Partition Access

> ❗ *Local Access Only must be ON for UL Listed installations.*

• •

Schedule Assignment .... Section [132] to [287]
Item Schedule/Output Condition .... Section [134] to [289]

• •

6.2.5 Scheduled OR Event Initiated

If the **Item Schedule/Output Condition** option was programmed for Schedule or Event Initiated the automation item would activate following the schedules selected and would also activate if the event programmed for the **Automation Item Output Follower** occurred.

For example, lighting may be controlled by a schedule but you could also have the lights come on in the event of an alarm.

• •

Item Schedule/Output Condition .... Section [134] to [289]
Automation item Output Follower .... Section [401] to [432]

• •

6.2.6 Scheduled AND Event Initiated

If the **Item Schedule/Output Condition** option was programmed for Schedule and Event Initiated the automation item would only activate if both the event programmed for the **Automation item Output Follower** occurred and one of the schedules the automation item was selected for was active.

For example, lighting items could be programmed to follow a schedule only if the panel is armed. If someone worked late they could control the lights. As soon as they armed and left the lights would follow the programmed schedules.

• •

Item Schedule/Output Condition .... Section [134] to [289]
Automation Item Output Follower .... Section [401] to [432]

• •

6.3 Mode Assignment

Mode Assignment adds additional control over automation items programmed for Scheduled or Event Initiated operation. Basically any automation item can be assigned to one or more of the 8 Modes. If 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 at least one of the Modes it is assigned to is on.

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 a Mode. The sprinklers will only turn on if the Mode is enabled (on). On rainy days the user can turn off the Mode 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 to give lighting a randomization effect. All these 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.

• •

Mode Assignment .... Section [133] to [288]
Follows Schedule/Output only if Mode On.... Section [131] to [286], Option [05]

• •

6.4 Activation Times

If the **Item is On Steady** option is enabled the automation item will remain on until it receives an off command. If the **Item Activates for Programmed Time** option is enabled the automation item will remain active for the time programmed in the **Automation Pulse Schedule** option then turn off.

• •

Item is On Steady .... Section [131] to [286], Option [06]
Item Activates for Programmed Time .... Section [131] to [286], Option [06]
Automation Pulse Schedule .... Section [301] to [332]

• •

6.5 Dimming

There is a full range of dimming levels for items used for lighting control. Dimming will only be available if the **Dimming** option is enabled for the item. The user will be able to control the dimming level of the automation item as well as issue on/off commands.

• •

Dimming Option .... Section [131] to [286], Option [04]

• •

6.6 Item Prompting

When items are turned on or off the Escort5580 can be programmed to announce differently, depending on the type of automation item being used. The three options are as follows:

{automation item label} ON   / *{automation item label}* OFF
{automation item label} OPEN   / *{automation item label}* CLOSED
{automation item label} SETBACK ON / *{automation item label}* SETBACK OFF

> ❗ ***The Escort5580 will only announce one of the three messages. If multiple options are enabled the Escort5580 will default to the first option selected.***

• •

Automation Item Prompt is ON/OFF .... Section [131] to [286], Option [07]
Automation Item Prompt is OPEN/CLOSED .... Section [131] to [286], Option [08]
Automation Item Prompt is SETBACK ON/SETBACK OFF ...... Section [131] to [286], Option [09]

• •

6.7 Number of Home Automation Transmissions

The **Number of Home Automation Transmissions** will allow you to program the number of On and OFF transmissions sent to the automation items. Multiple On/Off commands may be sent to ensure more reliable control of the automation items.

• •

Number of Home Automation Transmissions Section [007]

• •

Programming Worksheets

System Programming

[001] Escort5580 Service Code

Default
5580 |___|___|___|___| Enter 4 decimal digits

[002] First System Options

Default		Option ON	Option Off
ON	|___|	Option 01 Partition 1 Access Enabled	Partition 1 Access Disabled
OFF	|___|	Option 02 Partition 2 Access Enabled	Partition 2 Access Disabled
OFF	|___|	Option 03 Home Automation Enabled	Home Automation Disabled
OFF	|___|	Option 04 [✱][5] Requires an access code	No access code req'd for [✱][5]
OFF	|___|	Option 05 AC = 50Hz	AC = 60 Hz
OFF	|___|	Option 06 For Future Use	
OFF	|___|	Option 07 For Future Use	
OFF	|___|	Option 08 For Future Use	

[003] Status Prompt Mask

Default		Option ON	Option Off
ON	|___|	Option 01 **Warning, Bypass On** Prompt enabled	Prompt disabled
ON	|___|	Option 02 **System Trouble ....** Prompt enabled	Prompt disabled
ON	|___|	Option 03 **System Open, Zone ....** Prompt enabled	Prompt disabled
ON	|___|	Option 04 **Alarms in Memory** Prompt enabled	Prompt disabled
ON	|___|	Option 05 **Service Required** Prompt enabled	Prompt disabled
ON	|___|	Option 06 **AC Power Trouble** Prompt enabled	Prompt disabled
ON	|___|	Option 07 **Phone Line Trouble** Prompt enabled	Prompt disabled
ON	|___|	Option 08 **Communication Trouble** Prompt enabled	Prompt disabled
ON	|___|	Option 09 **Zone Fault** Prompt enabled	Prompt disabled
ON	|___|	Option 10 **Zone Tamper** Prompt enabled	Prompt disabled
ON	|___|	Option 11 **Zone Low Battery** Prompt enabled	Prompt disabled
ON	|___|	Option 12 **Time and Date Incorrect** Prompt enabled	Prompt disabled