



Voice-Assisted Arm/Disarm Module V2.0 (ADM2)



Instructions

Introduction

The Voice-Assisted Arm/Disarm Module allows the user to arm or disarm their security system as well as activate or deactivate InTouch's PGM from any touch-tone telephone. The ADM2 uses detailed voice prompts to guide the user. Due to the Auto-panel Recognition feature, the InTouch can be connected to Spectra (V2.0 or higher) or Digiplex control panels.

Technical Specifications

Operating Voltage:	9 - 15Vdc
Current Consumption:	Typical: 70mA Maximum: 105mA (with PGM enabled)
Power Consumption:	1 Watt
PGM Outputs:	1 form "C" relay rated @ 125V, 5A receptive load
Operating Temperature:	0°C to 50°C (32°F to 122°F)
Compatible Telephone:	DTMF (Touch-tone)
Compatibility:	Any Digiplex control panel Any Spectra control panel (V2.0 or higher)

Auto-panel Recognition (Before Installation)


This is a feature that allows the InTouch to be used with either Spectra or Digiplex. When connected to the combus, the ADM2 will automatically detect which system it is connected to and adjust its internal communication parameters accordingly. It allows InTouch to be connected to any Digiplex control panel as well as any Spectra control panel V2.0 or higher. If connecting the ADM2 to a Spectra control panel, refer to the *Spectra ADM2 Instructions*.

Installation

The ADM2 is connected to Digiplex's combus. Connect the four terminals labeled 12VDC, GND, GRN, and YEL of the ADM2 to the corresponding terminals of the control panel as shown in Figure 2. Please refer to the *Digiplex Reference & Installation Manual* for the maximum allowable installation distance from the control panel.

Connect InTouch's RING terminal to the control panel's R1 terminal and the TIP terminal of the InTouch to the T1 terminal of the control panel as shown in Figure 2. If the household telephone is sharing the telephone line with control panel and ADM2, connect the house-hold telephone to the R-1 and T-1 terminals of the module as shown in Figure 2.

Connect ADM2's PGM as shown in Figure 1.

 **If the control panel is configured to report arming and disarming events and if the InTouch and control panel share the same telephone line, the user's call will be interrupted during use.**

Programming Method

To access the InTouch programming mode:

1. Press and hold the [0] key.
2. Enter the [INSTALLER CODE].
3. Enter section [953] (DGP-48) / [4003] (DGP-NE96), (EVO48, EVO192).
4. Enter the ADM2's 8-digit [SERIAL NUMBER].
5. Enter the 3-digit [SECTION] you want to program.
6. Enter the required data.

ADM2 can also be programmed using the control panel's Module Broadcast feature as well as through WinLoad. Refer to the *Digiplex Reference &*

Installation Manual for more information on the Module Broadcast feature and to *WinLoad's Online Help* for information on programming with WinLoad. The module's serial number can be found on its PCB.

Number of Rings

Section [001]

The value (001 to 255, 000 = disabled) programmed in section [001] represents the number of rings the ADM2 will wait before picking-up the line. If the line is not answered after the number of programmed rings, InTouch will answer the call.



Be sure to program the ADM2 module's number of rings to be less than the number of rings programmed in the control panel or enter 000 as the number of rings for the control panel.

Answering Machine Override

Section [002]

If the InTouch uses a telephone line that uses an answering machine or service, the Answering Machine Override must be programmed. The value (001 to 255 seconds, 000 = disabled) programmed in section [002] represents the delay period that ADM2 will wait between the first and second call. The user calls the InTouch, hangs-up, and then calls back within the value programmed in section [002]. If the ADM2 is called back within the programmed delay period, the module will override the answering machine or service by picking-up the line on the first ring.



For the Answering Machine Override to function correctly, disable the Answering Machine Override feature of the control panel and enable section [002] of the ADM2 by entering a value.

PGM Timer

Section [003]

When the PGM is activated by a user, the value (001 to 255, 000 = follows manual activation/deactivation of PGM) programmed in section [003] determines the time that ADM2's PGM will remain activated. Once the time value set in section [003] has elapsed, the PGM will deactivate. If a value of 000 is entered into section [003], the user must manually activate or deactivate the PGM by pressing [#] and then [0] on the telephone's keypad.



Option [4] in section [004] determines whether the PGM Timer programmed in section [003] is in seconds or minutes.

PGM Output

Section [004] - Option [3]

If option [3] in section [004] is ON, the ADM2 PGM output is enabled and can be used. If option [3] in section [004] is OFF, the ADM2 PGM output is disabled and cannot be used.

PGM Time Base Selection

Section [004] - Option [4]

This option determines whether the PGM Timer will be in seconds or minutes. If option [4] in section [004] is OFF, the PGM Timer will be in seconds. If option [4] in section [004] is ON, the PGM Timer will be in minutes.

Partition Assignment

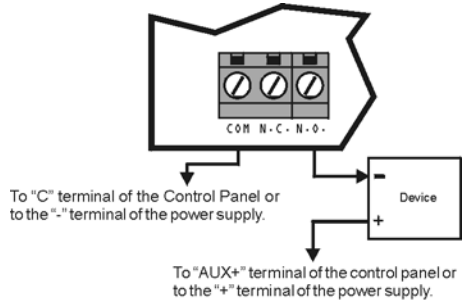
Section [005] - Options [1] to [8]

InTouch will only access the partitions that have been assigned to it and ignore the partitions that have not. Section [005] options [1] to [8] represent partitions 1 to 8 respectively. To assign a partition to the ADM2 module, enable the option that corresponds to the desired partition.



The ADM2 can only be assigned to partitions 5 to 8 if connected to a DGP-NE96 control panel.

Figure 1: Installing InTouch's PGM



FCC Warnings

IMPORTANT INFORMATION

This equipment complies with Part 68 of the FCC rules subpart D and CS-03. Inside the cover of this equipment is a label that contains, among other informations, the FCC registration number of this equipment.

NOTIFICATION TO TELEPHONE COMPANY

Upon request, customer shall notify telephone company of 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: 5A7CAN-22633 - AL -E
RINGER EQUIVALENCE NUMBER: 0.1B (U.S. & CANADA)
USOC JACK: RJ31X (USA), CA31A (CANADA)

TELEPHONE CONNECTION REQUIREMENTS

Except for 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 terminal equipment. Standard jacks shall be so arranged that, if plug connected thereto is withdrawn, no interference to operation of equipment at customer's premises which remains connected to telephone network shall occur by reason of such withdrawal.

INCIDENCE OF HARM

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

CHANGES IN TELEPHONE COMPANY EQUIPMENT OR FACILITIES

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

GENERAL

This equipment shall not be used on coin telephone lines. Connection to party service is subject to state tariffs.

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, sum of the REN's of all devices connected to one line should not exceed five (5). 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 facility indicated below for information on obtaining service or repairs. The telephone company may ask that you disconnect this equipment from network until problem is corrected or until you are sure that the equipment is not malfunctioning.

FCC PART 15, WARNING: INFORMATION TO USER

This equipment has been tested and found to comply with the limits for Class B digital devices, pursuant to Part 15 of 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 guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to equipment intermittently, the user is encouraged to try to correct the interference by one or more of the following measures: (1) reorient or relocate the receiving antenna; (2) increase separation between the equipment and receiver; (3) connect the equipment to an outlet on a circuit other than the one to which the receiver is connected, or (4) consult the dealer or an experienced radio/TV technician for assistance.

CAUTION - Changes or modifications not expressly approved by PARADOX SECURITY SYSTEMS could void the user's authority to operate the equipment.

Warranty

For complete warranty information on this product please refer to the Limited Warranty Statement found on the website www.paradox.com/terms. Your use of the Paradox product signifies your acceptance of all warranty terms and conditions.

One or more of the following US patents may apply: 7046142, 6215399, 6111256, 6104319, 5920259, 5886632, 5721542, 5287111, 5119069, 5077549 and RE39406 and other pending patents may apply. Canadian and international patents may also apply.

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Figure 2: Installing the InTouch



Refer to the Digiplex Reference & Installation Manual for the maximum allowable installation distance from the control panel. Remove AC and battery power from the control panel before adding the ADM2 module to the system.

Module LED Indications

Green **LOCATE** LED (sometimes seen as **L0C** or **LC**):
Power Up: Remains illuminated during power up.

Locate: If the LED flashes fast during normal operation, it is receiving a "locate" request from the control panel. Depending on the module, the "locate" request can be disabled by pressing on the tamper switch or on the "Disable Locate" switch.

Red **WATCHDOG** LED (sometimes seen as **WDG**, **WTDG** or **WD**):
Status: Flashes to indicate proper operation.

Communication Failure:
 If both the **LOCATE** and **WATCHDOG** LEDs are alternately flashing, the module is experiencing a communication failure with the control panel.

Green **PULSE** LED:
 Will illuminate whenever the ADM2 is using its dialer. The **PULSE** LED will remain illuminated for the whole duration that the dialer is being used.

