ALPHAGUARD 5000

NO TELEPHONE LINE SYSTEMS

INSTALLATION & PROGRAMMING MANUAL

AWD166 Rev. 1 09/2012

INSTALLATION MANUAL FOR ALPHAGUARD 5000 SYSTEM

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SYSTEM FEATURES

- No monthly rental bill for telephone line.

- Call Waiting with distinctive double tone.

- Distinctive double ring differentiates incoming calls from visitor calls.

- Capacity for up to 1536 Tenants.

- Dialing to Off-Premises Telephones

- Music-On-Hold Capability (Optional).

- All programming is done through system keypad.

- EEPROM Memory retains programmed information during total power failure.

- Hands-free or Handset Option

- Two programmable relays outputs to control door strikes, gates, cameras, etc.

- System operates with both touch tone and rotary phones.

- Connection for concierge or guard telephone.

- Adjustable Door Open period (0 - 99 sec.).

- Adjustable Conversation time (0 - 99 sec.).

- Door Open tone for both tenant and visitor.

- Warning Tone to Alert tenant that call will end in 10 seconds

- Automatic termination of call after eight seconds of dial-tone detection.

- Microphone 'Mute' feature prevents unauthorized entry using a tone generator.

- Provision for Postal Service lock included.

- Fire Alarm input will pulse open all entry doors during an emergency.

- Door timer cutoff input prevents 'tail-gating' through entrance doors.

- Variable Tenant Code length, 1, 2, 3 or 4 digits.

- Night Service feature will transfer all calls to the Guard or Manager telephone.

- One 'keyless' entry code per tenant plus five for use by building management.

- Built in multiple entrance capability.

- Tenant codes can be actual suite numbers or can be coded for security purposes.

1.0 <u>INSTALLATION HINTS</u>

- Arrangements must be made with your local telephone company for the installation of CA71A / RJ71C or equivalent telephone jacks.

- Two 16 Volt/40 VA CSA approved Class 2 power transformers are required, one for the lobby equipment, the other one is required for the telephone room equipment.

- An additional transformer is required for door strike activation. This transformer should have the necessary voltage and current rating for the door strike that is to be used (Max. 28 volts, 3 amps.).

- Transformers and remote devices such as the door strike, fire alarm and door contacts, must be wired to the system controller located in the lobby panel. A wiring channel must be provided for these devices to the rear of the lobby enclosure. Follow local building code requirements for low voltage wiring.

- If a Postal Service Lock is to be installed, arrangements must be made with the Post-Office to have the lock supplied.

- In multiple entrance applications, remember that 2 additional wires are required from each entry system to interconnect system controllers (See System Wiring Diagram).

- A ready made wiring harness is provided to replace the 10 wire interconnection between cabinets in the telephone room. For longer distances, such as wiring between buildings, an additional terminal block is provided.

2. *SPECIAL FEATURES*

2.1 Postal Service Lock

Provision for the installation of a Postal Service Lock is available on the rear of the control panel of the system enclosure. The system is pre-wired for this service.

2.2 Door Timer Cut-Off (Tailgate Prevention)

Using this feature of the entry system will require the installation of a Normally Open switch contact that closes when the entry door has been opened. A magnetic contact, as used in security systems is acceptable for this application provided that a Normally Open type is obtained.

When the electric door strike is released, the door will normally remain open for the period of time that has been programmed (see Door Timer Selection, Sec.4.5). When the door timer cut-off feature is used, the door strike will de-energize as soon as the system senses that the entry door has been opened. This will cause the door to lock when it closes regardless of the programmed time. This action will allow the door strike to be energized only as long as necessary and will prevent unauthorized entry of individuals who follow behind the visitor (tailgating).

2.3 Auxiliary Relay Activation

The system includes a Form C auxiliary relay contact that can be momentarily activated by a tone type telephone. This is done by dialing the digit 6 (tone type phones only) when the tenant is in conversation with the visitor at the entry system. This contact can be used to trigger a parking gate, elevator, secondary door or video camera.

2.4 Fire Alarm (Emergency) Input

Connection of a Normally Open alarm contact from the building fire alarm system will cause the electric door strike to pulse on and off in the event of an emergency situation. This will effectively leave the entry door unlocked for the duration of the emergency, while protecting the door strike from burning if otherwise activated continuously.

2.5 Multiple Entrances

Accommodation of multiple entry doors is a built-in feature of the AlphaGuard 5000 System. Up to 20 entry systems can be interconnected without the need for additional switching equipment. One additional pair of wires, parallel connected, to terminals ME and G of all entry systems will be required. When one entry panel is in use, the other panels will be temporarily disabled and display a "System in Use" message. Note that each entry panel must be independently powered and programmed.

2.6 Night Service

The Night Service feature is currently disabled. Please contact the factory if this feature is required.

2.7 Guard Phone

The Guard phone requires a standard tone type (DTMF) phone. The phone is connected directly to the control equipment (PM900) via two conductors. In order to communicate with the tenant, the guard must enter the four digit relay number. The guard must wait for the dial tone prior to entering the relay number. If the system is busy (lobby is in use), the guard will not receive a dial tone.

To dial an off-premises telephone, dial the digit 9 first, wait for dial tone, then dial the required telephone number.

The conversation time from the guard phone is limited to 100 seconds.

2.8 Call Waiting

The call waiting feature provides the tenant with a double tone if they are busy with an outside call. The tenant may place the outside call on hold by depressing the hook switch (or by dialing digit 3 on tone telephones) to establish communication with visitor. The tenant can switch back to outside call by again depressing the hook switch (or by dialing digit 3).

3.0 <u>INSTALLATION</u>

Refer to the System Wiring Diagram

3.1 Lobby Equipment

Mount the system enclosure to the wall in a location close to the building's controlled entry point.

Connect the door strike wires to terminals D1 (+) and D2 (-) if D.C. (silent) operation is desired or to terminals D3 and D4 for A.C. (buzzing) operation. The maximum switched door strike load is 28 volts at 3 Amps.

An auxiliary switched device (such as a parking gate) may be controlled through the auxiliary relay contact that is available by connecting to terminals N.C.(normally closed), C (common) and N.O.(normally open). The maximum switched auxiliary load is 28 volts at 3 amps. This contact will change state for one second, once energized by the tenant dialing the digit 6 from their tone telephone.

Terminal PL is for the postal service lock. Closing of a normally open switch between terminals PL and G is required for activation. The system is pre-wired for this service but will require lock installation on the rear of the system control panel. Remove the panel plug button for the Postman's key and wire to the terminals. Mount the lock with the supplied hardware. Adjust the switch actuator for proper operation with the lock.

Terminal TC is for door timer cut-off contact. A normally open contact should be installed. This contact closes when the door opens. It will cut-off the door timer and instantly will re-lock the door. This will prevent "tail-gating" of unwanted visitors through the entry doors. Connect between terminals TC and G.

Terminal FA is for connection to the building fire alarm system. A normally open Alarm Contact that closes during an alarm condition can be connected between terminals FA and G to pulse open the entry door during a fire (emergency) condition.

Terminal ME is the interconnect point for multiple entrance systems. Terminals ME and G of all entry systems must be interconnected from each entry system. Each location must also be wired with its own transformer, door strike, switch contacts, etc. as shown on the wiring diagram. Each location must also be separately programmed. When using guard phone, terminals ME & G should also connect to the appropriate terminals on the PM900 Main Controller (see wiring diagram).

At this time all wiring should be double-checked for shorts and opens.

Connect door strike transformer to terminals T3 and T4. Note that the maximum door strike ratings are 28 volts at 3 amps.

Connect 16 VAC from system transformer to terminals T1 and T2 on system controller terminal block. This transformer must not be used to power any other devices such as the door strike. The display should now be illuminated and the message DIAL CODE NUMBER will appear.

For communications, terminals R and T from the lobby unit connect to terminals R and T on the Main Controller in the telephone room (polarity is not important).

3.2 Telephone Room Equipment

Mount the Main Control Cabinet (PM900) and Auxiliary Relay Cabinet (IH996) close to the RJ71/CA71 telephone jacks.

If cabinets are mounted adjacent to each other, wire connections between cabinets can be eliminated by using the supplied 10 conductor cable to interconnect the Main Controller to the Relay Cabinets.

Connect one end of cable to JP1 on PM900 (RED wire to right side) and other end to J9 on IH996 (RED wire to left side).

If additional relay cabinets are used, connect cable from J10 of first cabinet to J9 of next relay cabinet (RED wire to left side on both).

Plug the Relay Cards into the proper locations. Set the Relay Cabinet Select Jumper (located in the top right corner of the Relay Cabinet) to the proper setting. For Relay Cabinet #1 set jumper to location #1, for Cabinet #2, set jumper to location 2, etc.

Make the wiring connections to the lobby equipment, guard phone, etc. as shown on the wiring diagram. Connect the system relays to the phone jacks using the necessary cables.

Ensure that system is Properly Grounded.

Finally, connect the 16VAC to the system. The red Power On indicators will illuminate in all cabinets. It is recommended to test the control equipment separately prior to connecting it to the lobby equipment. To test communication with tenant, connect a standard tone telephone to lobby or guard terminals. Dial the four digit Relay umber. The proper relay card indicator will illuminate and you will establish communication.

4.0 SYSTEM PROGRAMMING

All system programming is accomplished through the use of the system keypad and the display located on the lobby panel. No programming is required for the telephone room equipment. Use the supplied Directory Worksheets to generate a record of the building occupants, their suite numbers, assigned dial codes and keyless entry codes. These sheets will be required for programming and in the event that changes are to be made.

Complete the Programming Worksheet (Appendix D) that has been provided and ensure that this and the directory worksheets are given to building management when installation and programming is completed.

4.1 Programming Mode

Enter the three digit System Master Code (default is * 1 2 3) to commence a programming session. Use the 3 key on the keypad to scroll down through the programming menu or the 1 key to back up to the required function. When the required function is displayed on the screen, press the # key to execute. Follow the displayed instructions to make the necessary changes. Exit programming mode by pressing * key twice.

4.2 Tenant Codes

There are two methods to enter tenant codes:

A. Manual Program; (if special codes such suite numbers are required)

B. Auto Program; (codes will match relay/line numbers)

Manual Program Method

From Programming Mode, use the 1 and 3 keys to scroll to the message:

VIEW / ENTER CODES

Press the # key to select this function. In this mode you are able to manually program any 4 digit code corresponding to the individual tenant line relays. The message:
RELAY TO REVIEW will appear. Enter 0000 to select the starting location. The display will show RELAY 0000 and a space for its code (or the previously entered code).

Press the # key and the flashing cursor will appear. Enter the required tenant code. If necessary use the * key to backspace. To store the code use the # key. The display will automatically step to the next relay. Repeat this procedure until all relays are programmed.

To review codes, enter a valid relay code then use the 1 and 3 keys to scroll through the list. The review mode is valid as long as the flashing cursor is off. To activate the cursor in order to modify a code, the # key must be pressed, as described previously.

Code lengths of 1 to 4 digits can be selected for the user/directory. However, four digits must always be programmed (leading zeros will be added by the system), for example:

User/Directory Code:	6	Program Code:	0006
	07		0007
	42		0042
	032		0032
	622		0622
	7155		7155

Press * key when finished to return to Programming Mode.
Use the 3 key to scroll to another section, or
Press * key again to exit Programming Mode.

Auto Program Method

From Programming Mode, use the 1 and 3 keys to scroll to the message:

AUTO PROGRAM, PRESS #

Press #, the message ARE YOU SURE?, * = NO, # = YES will appear.

Pressing the # key will automatically program codes 0000 to 0999 (1000 codes) in sequence. The programming will take approximately 20 seconds and the message, PROGRAMMING PLEASE WAIT will appear. Relay 0 will be assigned to code 0000, Relay 1 will be assigned to code 0001, etc.
Press the * key to exit Programming Mode if desired.

4.3 Keyless Entry Codes

Keyless Entry Codes allow entry through the controlled doors by pressing the # key and a four digit code from the system keypad. During use, the code will not be seen on the display for security reasons.

From Programming Mode, use the 1 and 3 keys to scroll to the message:

PROGRAM KEYLESS CODES - PRESS #

Press #. The message KEYLESS ENTRY, CODE # _____ will appear so that codes may be entered. Enter the desired code. Use the # key to store the code.

Press the * key when finished to return to Programming Mode.
Use the 3 key to scroll to another section, or
Press the * key again to exit Programming Mode.

Review and Delete Keyless Entry Codes

From Programming Mode, use the 1 and 3 keys to scroll to the message:

VIEW KEYLESS CODES, PRESS #

Press #. The message CODE TO REVIEW _____ will appear. Enter the code to be reviewed. Use the 1 and 3 keys to scroll through the list and view the assigned codes. If a code is to be deleted, press the # key while that particular code is being displayed.

Press the * key when finished to return to Programming Mode.
Use the 3 key to scroll to another section, or
Press the * key again to exit Programming Mode.

4.4 System Master Code

The Master Code is used to allow access to Programming Mode. When the entry system is shipped from the factory, its master code is set to *1 2 3. It is recommended that the master code be reprogrammed and the new code be inserted in the appropriate place on the Programming Worksheet. This code is only to be used when programming is necessary by the installation company or by authorized personnel.

From Programming Mode, use the 1 and 3 keys to scroll to the message:

NEW MASTER CODE, PRESS #

Press #. The message MASTER CODE*1 2 3 will appear (or whatever the present master code is). Enter a new 3 digit master code and then press the # key to store. The new master code will now be required to access the programmable functions.

Press the * key when finished to return to Programming Mode.
Use the 3 key to scroll to another section, or
Press the * key again to exit Programming Mode.

4.5 Door Timer Selection

The door open time can be selected to be from 0 to 99 seconds, (factory default is 10 seconds).

From Programming Mode, use the 1 and 3 keys to scroll to the message:

DOOR TIME, PRESS #

Press #. The message DOOR OPEN TIME will appear (as well as the present door time). Enter a two digit time in seconds and press the # key to store.

Press the * key when finished to return to Programming Mode.
Use the 3 key to scroll to another section, or
Press the * key again to exit Programming Mode.

4.6 Conversation Time Selection

This function allows the setting of the conversation time between the visitor and tenant from 0 to 99 seconds, (factory default is 60 seconds).

From Programming Mode, use the 1 and 3 keys to scroll to the message:

TALK TIME, PRESS #

Press #. The message ON LINE TIME will appear (as well as the present talk time). Enter a two digit time in seconds and press the # key to store.

Press the * key when finished to return to Programming Mode.
Use the 3 key to scroll to another section, or
Press the * key again to exit Programming Mode.

4.7 Off-Premises Calls

This section can be skipped if off-premises calls are not required.

This area will determine whether Pulse or Tone (DTMF) will be used for dialing to off-premises telephones. Factory default is Tone Dialing. If the outside line is Rotary (Pulse), proceed as follows:

From Programming Mode, scroll using the 1 and 3 keys to the message;

PULSE OR TONE, PRESS #

Press the # key to select. Enter 00 for pulse dialing or 11 for tone dialing
Press the # key to store selection

Press the * key when finished to return to Programming Mode.
Use the 3 key to scroll to another section, or
Press the * key again to exit Programming Mode.

Up to 5 telephone numbers may be dialed to off-premises locations when a telephone line is connected to the PM900 main controller. The telephone numbers are programmed in 11 digit format to allow long distance dialing. Asterisks (*) are entered for unused leading digits in the number to be dialed, for example:

* (***) 555-5555   for 7 digit local calls

* (905) 555-5555   for 10 digit local calls

1 (800) 555-5555   for long distance calls

From Programming Mode, scroll using the 1 & 3 keys to the message;
OUTSIDE PHONE #1, PRESS #

For second number, the message OUTSIDE PHONE #2, PRESS # will appear, etc.

Press the # key to select, the following message will appear;

    CODE ====
= (===) ========

The existing code and telephone number will be displayed if previously programmed.

Enter the 4 digit tenant code followed by the phone number, remembering to use the asterisks as shown in the above example. If the Auto Program method was used to program tenant codes (see section 4.2), codes from 0000 to 0999 are already used by the system and therefore cannot be used as off-premises dialing codes.

When the code and phone number has been entered, press the # key to store.

To delete a code and telephone number, press the # key while it is being displayed.

Press the * key when finished to return to Programming Mode.
Use the 3 key to scroll to another section, or
Press the * key again to exit Programming Mode.

5.0 ADJUSTMENTS

5.1 Volume Controls

The communication volume levels come factory preset for normal operation. The levels can be increased or decreased by adjusting the potentiometers located along the bottom of the system controller located behind the front display plate. Audio level from the entry system to the suite is controlled by the MIC. VOLUME control and the level from the suite to the entry system by the SPEAKER VOLUME control.

5.2 Rotary Phone Pulse Sensitivity

The telephone companies do not specify or guarantee the wave shape of the signal transmitted when the tenant dials the digit 9 from a rotary (pulse) telephone. In order to achieve best results, the AlphaGuard System is furnished with a sensitivity adjustment potentiometer as well as an indicator lamp to view the incoming rotary signal (pulses).

This potentiometer is labeled PULSE SENSITIVITY on the system controller. The system sensitivity is factory preset to allow a wide range of incoming rotary signals to properly trigger the door circuit and usually will not require any adjustment. If adjustment is necessary because the door strike cannot be properly triggered, use the following procedure.

1. Set the PULSE SENSITIVITY control to mid position.

2. Call the suite telephone that does not properly trigger the door circuit from the entry system.

3. Observe the PULSE INDICATOR while the digit 9 is being dialed from the suite telephone. The indicator should flash distinctly every time a pulse is heard.

4. If the indicator barely comes on, the sensitivity is set too low. Increase the sensitivity by turning the shaft of the potentiometer clockwise 1/8th of a turn at a time until the indicator shows distinct flashing and best results are obtained.

5. If the indicator is on steadily, the sensitivity is set too high and the door circuit may false trigger. Turn the shaft of the potentiometer counter-clockwise to decrease the sensitivity. The sensitivity may also require reduction if the phone line is particularly loud or noisy.

6. NOTE: Sensitivity adjustments are not required when using tone (DTMF) type suite telephones.

APPENDIX A
REGULATORY APPROVALS

<u>IMPORTANT NOTICE</u>

The following information is provided to the installation contractor for compliance with Industry Canada standards.

<u>NOTICE:</u> The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The department does not guarantee that the equipment will operate to the users 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.

Users 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.

<u>CAUTION:</u> 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 sum of the Load Numbers of all devices does not exceed 100.

The Load Number for this Equipment is 4.0
Industry Canada Certification No.: 1949 5630 A

<u>SYSTEM LIMITED WARRANTY</u>

This equipment is warranted to be free of defects in material and workmanship for a period of one (1) year from the original shipment date. Alpha Communications® will, at its option, repair or replace any equipment which it determines to be defective in material or workmanship. If any equipment is thought to be defective you must contact Alpha Communications® for an RMA. Alpha Communications® shall not be responsible to repair or replace equipment which has been abused, incorrectly installed, repaired by others, altered or otherwise misused or damaged in any way. Alpha Communications® will not assume responsibility for determining the defective or operative status at the point ofinstallation, and will not assume liability beyond the repair or replacement of the product at our factory or authorized service center.

INSTRUCTION TO THE U.S. USER /
FCC REQUIRED INFORMATION

FCC REGULATIONS

This device has been granted a registration number by the FCC, under part 68 rules and regulations governing devices that directly connect to the telephone lines. This equipment complies with Part 68 of the FCC rules. A label on the controller housing of the AlphaGuard 5000 contains, among other information, the FCC Registration Number and Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

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 REN's 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 telephone company to determine the maximum REN for your calling area.

This equipment is designed to be connected to the telephone network or premises wiring using an RJ-71C jack which is FCC Part 68 compliant.

This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs.

Should the AlphaGuard 5000 cause harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advanced notice is not practical, you will be notified as soon as possible. You will be informed of your right to file a complaint with the FCC. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the proper functioning of your equipment. If they do, you will be notified in advance to give you an opportunity to maintain uninterrupted telephone service.

This equipment contains no user serviceable parts. If you experience trouble with this equipment, please contact:

Alpha Communications®
42 Central Drive
Farmingdale NY 11735-1202
Tel. 631-777-5500   Fax. 631-777-5599

for information to obtain 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 the equipment is not malfunctioning.

Appendix C

WIRING DIAGRAM (RJ-71C/CA-71A)
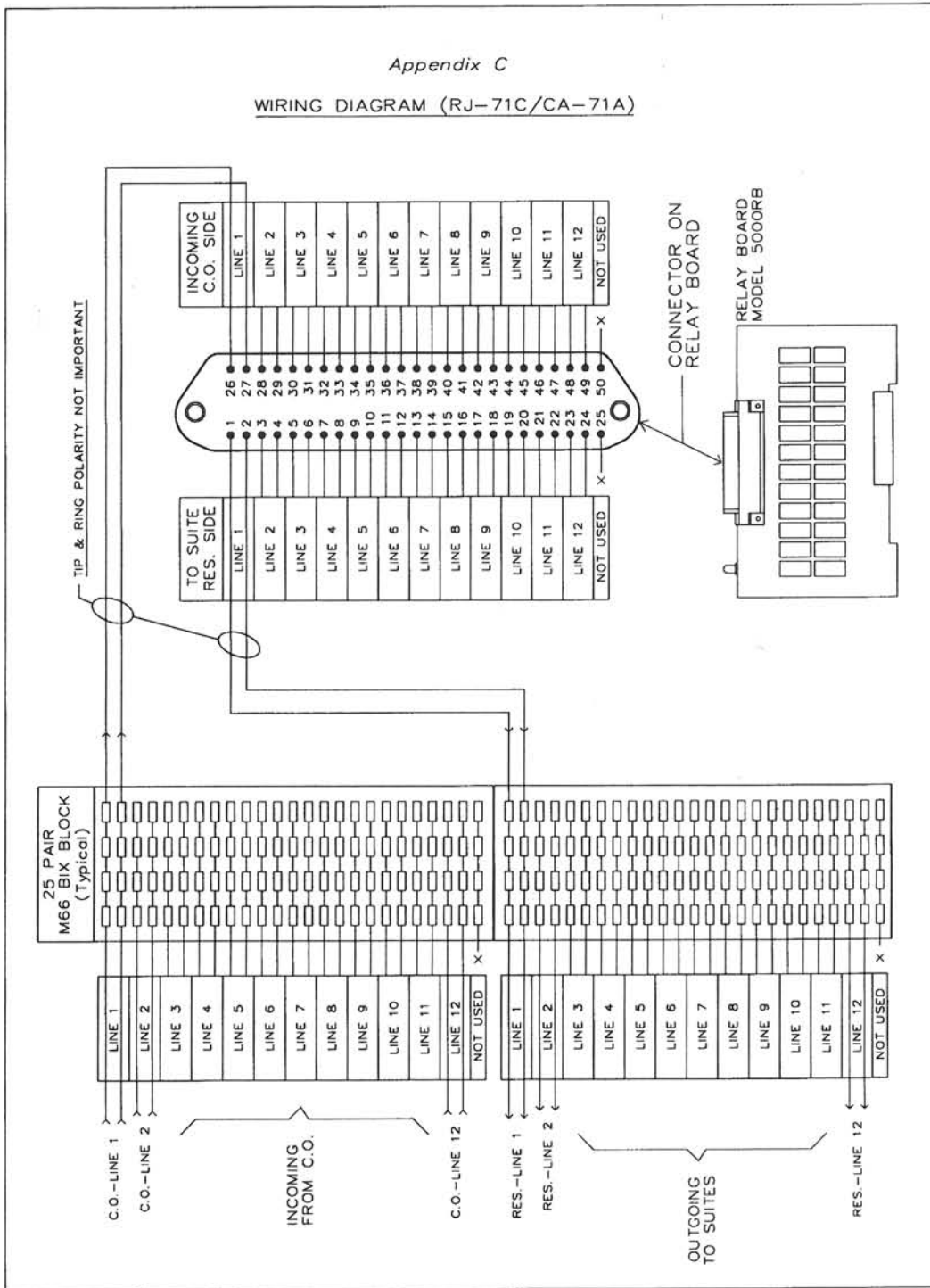
APPENDIX D

PROGRAMMING WORKSHEET

Building Address: _____

Date of Installation: _____

Installation Company: _____

Programming Instructions:

A. Enter System Master Code (see #3 below) from keypad to access the programming menu.

B. Use the 1 key to scroll up or the 3 key to scroll down the menu screen to the necessary function.

C. Follow the displayed instructions to make the necessary changes.

D. Exit the programming mode by pressing the * key twice.

Factory Default Programming:

FUNCTION	FACTORY DEFAULT	PROGRAMMED	SECTION
1. Tenant Codes	Blank	See Worksheet	4.2
2. Keyless Entry Codes	Blank	See Worksheet	4.3
3. System Master Code	* 1 2 3	* __ __ __	4.4
4. Door Open Time	10 Seconds	__ __ (1 - 99 sec.)	4.5
5. Conversation Time	60 Seconds	__ __ (1 - 99 sec.)	4.6
6. Night Service ON/OFF	* 4 5 6	Fixed	2.6
7. Off-Premises Calls	Blank, Tone	See Worksheet	4.7

DIRECTORY WORKSHEET

TENANT SUITE #	TENANT NAME	TENANT LINE RELAY #	DIAL CODE	KEYLESS ENTRY CODE

DIRECTORY WORKSHEET

TENANT SUITE #	TENANT NAME	TENANT LINE RELAY #	DIAL CODE	KEYLESS ENTRY CODE

DIRECTORY WORKSHEET

TENANT SUITE #	TENANT NAME	TENANT LINE RELAY #	DIAL CODE	KEYLESS ENTRY CODE

USER OPERATING INSTRUCTIONS

An AlphaGuard Entry System has been installed in your building to provide increased security for yourself and your family. The system provides communication and entry control using your telephone.

Your visitor simply enters your code number from the directory to ring your suite. You can answer from any telephone.

A call from the lobby can be identified by its distinctive double-ring.

To permit access, dial the digit 9.

To deny access, simply hang-up.

Built-in Call Waiting Feature

A double tone will be heard if a visitor is trying to reach you while you are engaged in a conversation with the outside.

To place the outside call on hold, depress the hook switch. This will establish conversation with your visitor.

To permit access, dial 9 then depress the hook switch again to return to the original conversation.

To deny access, simply depress the hook switch again. Do not dial 9.

Appendix G

26 BIT WIEGAND OPTION (CARD ACCESS INTERFACE)

The Entry System (Autodialer or NPL Lobby) includes the 26 bit Wiegand option:

1.   <u>Wiring</u>: The interface requires a 3 wire connection (Wiegand Standard) between the Entry System located in the building entrance and the Card Access System.

   Data 0 (Green) - marked as D0 (on Autodialer Controller Label).
   Data 1 (White) - marked as D1.
   Ground (Black) - marked as G

2.   The output voltage is 5V.

3.   <u>Operation</u>: The interface will transmit to the Card Access System in a similar way as a card reader. The transmission will occur <u>only if access was granted by the resident</u>. Therefore the card system should control door entry. The Entry System door control interface need not be used.

   The resident code which will be transmitted to the Card Access System is the Directory Code which was programmed for the particular resident in the Entry System.

   Additionally, if the postal lock is activated, the code 10000 will be transmitted.

Appendix H

Reprogram any Autodialer to NPL Entry.

Upgrade of any installed Autodialer (by any manufacturer) to NPL: With our concept, it is possible to convert any installed Autodialer to NPL. To our knowledge, we are the only manufacturer in the market to truly achieve this without interface modules and/or additional programming instructions for the Telephone Room equipment. All that is required is to install the telephone room equipment and connect the Autodialer (which is connected to the CO) to the Model PM900, as well as program the Resident Relay Number instead of the resident Telephone number.

Replace the 7 digit Telephone Number as follows:

5 CODEXX   (CODE = Relay Code, XX = DON'T CARE)

Example:

Relay #	Reprogram Phone #
0000	5 0000 00
0001	5 0001 00
0002	5 0002 00
0010	5 0010 00
0011	5 0011 00
0100	5 0100 00
0101	5 0101 00