## Keypad Programming

**Step 1. Begin Program Mode**

A. Press **Enter**

**Step 2. Program Emergency Numbers**

A. Press **1, Enter,** (Phone Number), **Stop**

To Program numbers 2-5, repeat Step 2 a.
Example: To Program Emergency Number 2,
Press **2, Enter,** (Phone Number), **Stop**

Note: If installed on a ring down line (no dial tone) do not program a phone number. Press the following **1, 9, Enter, 2** (automatically sets the timer for 3 minutes)

**Step 3. Program Location Message**

A. To Turn On Message Press **1, 3, Enter, 2**
B. Press **6, Record,** (Wait for the Beep, Speak Your Message), **Stop**
(To Replay Message Press **6, Play/Pause**)
C. Program Frequency of Message Press **1, 3, Enter, _**
   **0**= Turn Message Off
   **1**= Plays Message (1) Time
   **2**= Plays Message (2) Times (Default)
   **3**= Plays Message Until Receiving Party Presses * On Their Phone

Note: Called party can replay message by pressing *** , ***

**Step 4. To Exit Program Mode**

A. Press **Stop** For 3 Seconds

## Remote Programming (Recommend using a Landline phone)

**Step 1. Begin Program Mode**

A. Call Into Phone
B. After 1st Simulated Ring Press **#, #**
C. Key in Security Code (Default is **1111**)

**Step 2. Program Emergency Numbers**

A. Press **1, *** (Phone Number), **\*, #**

To Program numbers 2-5, repeat Step 2 a.
Example: To Program Emergency Number 2,
Press **2, *** , (Phone Number), **\*, #**
For a Pause press " **#** , **✱** "

Note: If installed on a ring down line (no dial tone) do not program a phone number. Press the following **1, 9, *** , **2** (automatically sets the timer for 3 minutes)

**Step 3. Program Location Message**

A. To Turn On Message Press **1, 3, *, 2**
B. Press **6, *,** (Wait for the Beep, Speak Your Message), **#**
(To Replay Message Press **6, #**)
C. Program Frequency of Message Press **1, 3, *, _**
   **0**= Turn Message Off
   **1**= Plays Message (1) Time
   **2**= Plays Message (2) Times (Default)
   **3**= Plays Message Until Receiving Party Presses * On Their Phone

**Step 4. To Exit Program Mode**

A. Press **\*, #, 0** (You Will Hear Beep, Beep) **\*, #**

## Optional Programming Features

**Program Talk Timer (Default is 5 minutes, ring down is 3 minutes)**

**Keypad:** Press **8, Enter,** (3 Digit Number in Minutes)

**Remote:** Press **8, *** , (3 Digit Number in Minutes)
Ex: 2 Minutes = 002

Note: After Talk Timer Expires, Phone Will Prompt Called Party to Extend Call for 3 Minutes

**Phone Line Check (Default is 10 minutes)**

**Keypad:** Press **3, 4, Enter,** (4 Digit Number in HH:MM)
To turn off press: **2 3 Enter 3 2 3 Enter 7284 1 1 Enter 2**

**Remote:** Press **3, 4, *,** (4 Digit Number in HH:MM)
To turn off press **2 3 * 3 2 3 * 7 2 8 4 1 1 * 2**
Ex: 20 Minutes = 0020; 10 Hours = 1000

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### SmartPhone VI Consolidator Feature (Capability of 10 Phones/One Line)

**Note: Consolidator** mode allows you to have up to (10) SmartPhones on a single telephone line and toggle between them from an outside call.

**Step 1. Begin Program Mode**

A. Press **Enter**

**Step 2. Program ID Numbers for Phones 1-5**

A. Press **7, Enter**
B. Press **\*, 1-5** For Corresponding Elevator (1-5)

**Step 3. Program ID Numbers for Phones 6-10**

A. Press **7, Enter**
B. Press **#, 1-5** For Corresponding Elevator (6-10)

**Step 4. Program Emergency Numbers**

A. Press **Stop** For 3 Seconds

**Step 5. Confirm Consolidator Operation**

A. Dial Phone Number SmartPhones connected to:
All Phones Will Answer
B. To Select Individual Phone

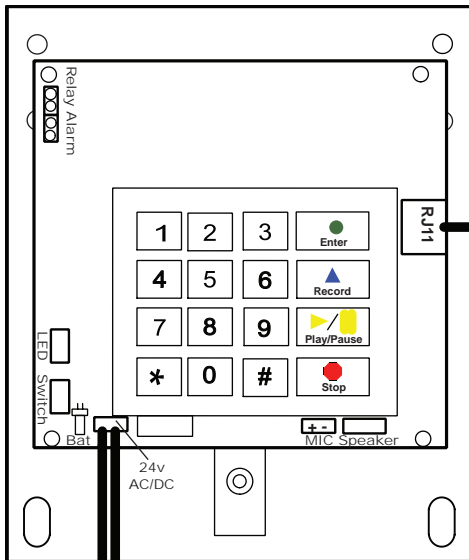| | |
|---|---|
| Press **\*1** (Phone #1) | Press **#1** (Phone #6) |
| Press **\*2** (Phone #2) | Press **#2** (Phone #7) |
| Press **\*3** (Phone #3) | Press **#3** (Phone #8) |
| Press **\*4** (Phone #4) | Press **#4** (Phone #9) |
| Press **\*5** (Phone #5) | Press **#5** (Phone #10) |
| Press **\*0** (All Phones) | |

**Wiring Diagrams: 24V Models**

## Direct 24VAC/DC Powered
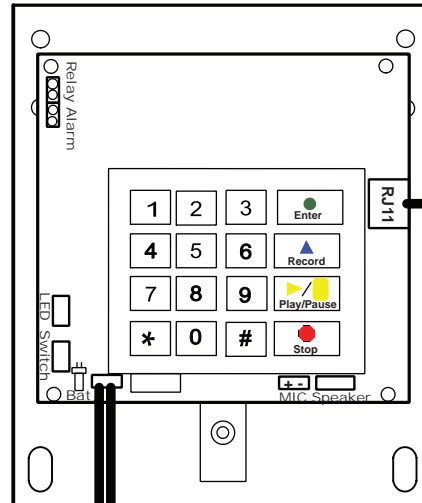


**24+   24-**
**To 24 Volt Power Supply**

**Note:**
*If you require a relay contact, connect to our "Relay Connection"*

**Note:**
*If utilizing our Phone Line Detection feature, connect to our "Alarm Connection"*

**To Phone Line Requires a Twisted, Shielded Pair**
**To SmartRescue Requires Two Twisted, Shielded Pairs**

## 120VAC to 24VAC/DC Powered



RP7300144-24/5VA

**Black Hot**
**White Neutral**
**Green Ground**
**120 VAC**

**Note:**
*If you require a relay contact, connect to our "Relay Connection"*

**Note:**
*If utilizing our Phone Line Detection feature, connect to our "Alarm Connection"*

**To Phone Line Requires a Twisted, Shielded Pair**
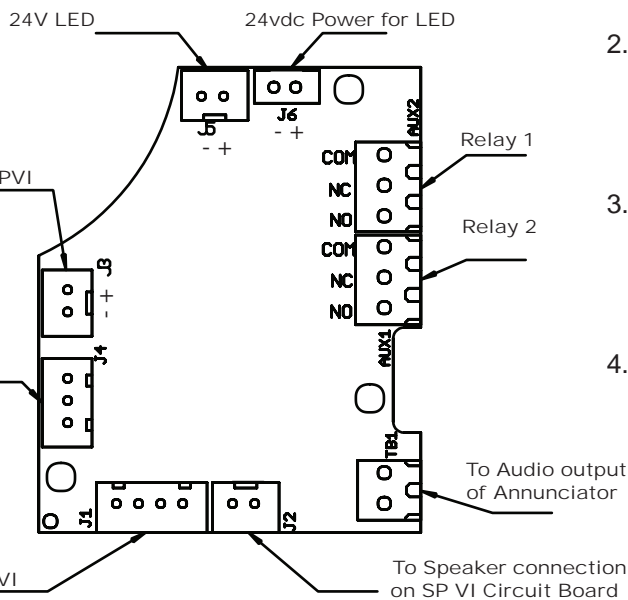**To SmartRescue Requires Two Twisted, Shielded Pairs**

## Annunciator Interface, Auxiliary Relay & 24v LED Board



**24V LED**        **24vdc Power for LED**
**To LED on SPVI**
**To Speaker**
**Relay 1**
**Relay 2**
**To Audio output of Annunciator**
**To H1 on SP VI**
**To Speaker connection on SP VI Circuit Board**

1. Connect your annunciator's audio output to the TB1 connection on this board

2. When utilizing this board to drive a 24V LED you must apply power to the wire leads at the J6 connection. You may tap into a direct 24vdc supply that has battery back up. Connect the wire leads at the J5 connection to your LED.

3. If you are not utilizing this board to drive a 24V LED then you need to disconnect the LED harness from the SmartPhone board, then disconnect the LED harness from this board, connect it to the SmartPhone board and then wire to your standard LED.

4. If you want to activate Relay 2 in unison with the Alarm Relay on the SmartPhone board please follow these programming steps (default activates upon call out):
   a. Press **ENTER**
   b. Press **3, 0, ENTER, 4**
   c. Press **STOP** for 3 Seconds

## Initial Set-Up:

1. Diagnostic Test: Press **Enter   2   6   Play/Pause**   phone will play back (5) Beeps (1st Beep=External Power Supply; 2nd Beep=LED; 3rd Beep=Microphone; 4th Beep=Speaker; 5th Beep=Back-Up Battery).  If any item fails during test you will hear a Blat not a Beep.  If you hear a Blat, contact the Rath Microtech Technical Dept.
**Note: If you receive a Blat for the LED, check the LED operation to be sure if is not working, before contacting Rath Microtech Technical Department.**

2. Connect to standard RJ11 phone jack.  If splicing connection, only hook up Red and Green Wires from the phone cable. If connecting to a SmartRescue unit, you must connect all four wires. (Check for 24vdc or 48vdc supply at the splice)

## Troubleshooting:

1. If the phone dials only one digit and hangs-up, there is another Auto-Dialer on the line. You need to re-wire the system so that our unit is either in parallel or ahead of it.

2. If the phone dials a couple of digits and gets a busy signal, the unit is installed on a switchboard line and needs to be programmed to dial the appropriate access code to get an outside line. (Usually an 8 or 9)

3. If the phone does not respond, make sure the green LED (D1) on the circuit board is lit. If not, check to be sure the power is properly connected.

4. If the phone is making phantom calls it is installed on a Ring Down Line, you must turn off the "Telephone Line Check" feature (See Optional Programming Instructions).

## Wiring Diagrams:  12v Models

### Direct 12 vac/dc Powered

**Note:**
If you require a relay contact connect to our "Relay Connection"

**Note:**
If utilizing our Phone Line Detection feature, connect to our "Alarm Connection"

**12+   12-**
**To 12 Volt Power Supply**

**To Phone Line Requires a Twisted, Shielded Pair**
**To SmartRescue Requires Two Twisted, Shielded Pairs**

### 120 vac to 12 vac/dc Powered

**Note:**
If you require a relay contact connect to our "Relay Connection"

**Note:**
If utilizing our Phone Line Detection feature, connect to our "Alarm Connection"

**Transf-12v**

**White/Neutral**
**To 120 vac**
**Black/Hot**

**To Phone Line Requires a Twisted, Shielded Pair**
**To SmartRescue Requires Two Twisted, Shielded Pairs**