

## Voice Board

Runner 4/8 ,PowerWave 4/8/16 &, Elite64

**Add-on Board For Storing Recorded Voice Messages  
And listen-in.**

Installation and Programming Guide.

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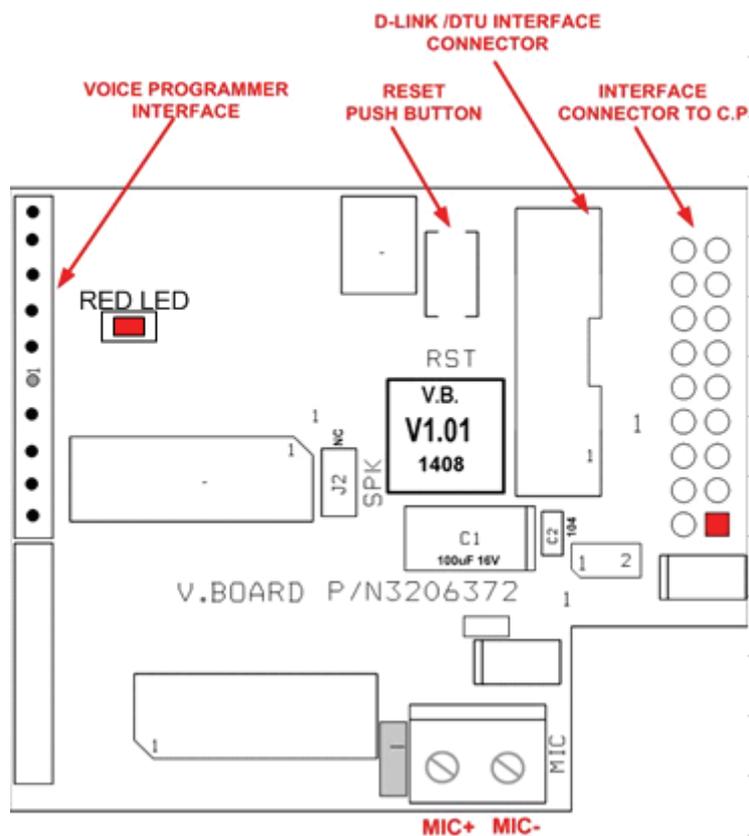
# Introduction

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The 90 second voice board is designed to work with the PW- 4 / 8 / 16, Elite64 & Runner 4 / 8 alarm panels. The Voice Board provides up to 90 seconds of speech storage. The speech messages are programmed via the handheld speech programmer. The voice board also has a Microphone input for connection of the optional MIC BOARD. The MIC board allows the owner to listen to sounds within the protected premises to determine if an intruder is on-site. The speech messages can be used to announce different alarm types or to give status reports for Command Control. Command Control allows the user to Arm/Disarm the alarm or turn Outputs On/Off (with voice prompts) from a remote telephone by using secret 4 digit codes.

# Installation

The Voice board has 1 female socket fitted on the underside of the board. The 18 way socket plugs into the opposite socket on the Control Panel socket. In both cases the board can only be installed one way. Please always ensure that the alarm panel is powered down while fitting the voice board to prevent damage from occurring.



## NOTES

Connect the microphone to the terminal according to the polarity in the drawing.

It's recommended to use shielded wires for the microphone.

# Programming the Voice Messages

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You must have a Speech Programmer to set up the appropriate voice messages. The Speech Programmer plugs into the 10 way header pins on the Voice Board. The brown wire on the Speech Programmer must line up with the pin labeled "1" on the Voice board header pins. On the Speech Programmer there are two pushbuttons labeled "Record" and "Play". To record a message onto the Voice Board first press the button labeled "Reset" on the Voice Board to ensure that you will be starting at the beginning of the speech storage memory locations. Then simply press the "Record" button (the record LED on the programmer & voice board will turn on) and speak clearly into the microphone (10cm distance) on the Speech Programmer.



## NOTE

**Ensure that each message is a minimum of 2 seconds in length.**

When the message is finished release the "Record" button (the record LED on the programmer & voice board will turn off).

At this point if you press the "Record" button again you can now record a second message starting immediately following the first message recorded. Releasing the "Record" button will stop the recording again.

Continue with this process until all messages have been successfully recorded.

To review the messages, first press the "Reset" button on the Voice Board to return to the beginning of the message storage memory locations.

Then press the "Play" button momentarily to start the playback of the first message. When the message is finished the Voice board will stop the playback mode. To listen to the next recorded message press the "Play" button again. Repeat this operation until all recorded messages have been reviewed. When all messages have been reviewed, press the "Reset" button to reset the voice board back to the beginning.

## For Runner 4/8 Control Panel:

### Alarm messages:

#### **ZONE ALARM VOICE MESSAGE NUMBER - P160E 1-16E (1-8E for Runner 4) (Value 0-99)**

each zone can be assigned a voice message to report the alarm type. If this location is set to "0" the zone will not report via the dialler. If Option 1 at P46E is turned on (use near and confirmed alarm reporting) the panel will not send an alarm in this format.

#### **MISCELLANEOUS VOICE BOARD REPORT MESSAGES:**

It is possible to send various alarm messages to identify the type of alarm. If the following locations are programmed with a "0" then the event will not report in Voice or Domestic format.

**KEYPAD or RADIO PANIC ALARM VOICE MESSAGE NUMBER - P176E 1E (Value 0-99)**

**FIRE ALARM VOICE MESSAGE NUMBER - P176E 2E (Value 0-99)**

**MEDICAL ALARM VOICE MESSAGE NUMBER - P176E 3E (Value 0-99)**

**MAINS FAIL ALARM VOICE MESSAGE NUMBER - P176E 4E (Value 0-99)**

**MAINS RESTORE VOICE MESSAGE NUMBER - P176E 5E (Value 0-99)**

**BATTERY LOW ALARM VOICE MESSAGE NUMBER - P176E 6E (Value 0-99)**

**BATTERY RESTORE VOICE MESSAGE NUMBER - P176E 7E (Value 0-99)**

**TAMPER ALARMS VOICE MESSAGE NUMBER - P176E 8E (Value 0-99)**

**DURESS ALARM VOICE MESSAGE NUMBER - P176E 9E (Value 0-99)**

**LATCHKEY DISARM VOICE MESSAGE NUMBER - P176E 10E (Value 0-99)**

**MANUAL TEST CALL INITIATED VOICE MESSAGE NUMBER - P176E 11E (Value 0-99)**

### Remote Control messages:

#### Output DTMF Control Code Number:

##### **P175E 12E (Value 1-4 digit code 0-9999)**

The panel can be configured to allow remote operation of the Outputs via a remote telephone. The code programmed at this address is the DTMF code that must be used when performing this function. When dialling the panel and it has answered the call, after waiting for the panel modem tones to stop you can enter in the 4 digit DTMF code plus the Output number you wish to control, e.g. <1> for Output # 1, and the current status will be given of the Output associated with the code entered. After that, if you press the "\*" button on the telephone the status of the output will toggle e.g. if it was previously On it will change to Off or vice versa. When finished you simply hang-up and 15 seconds later the panel will release the line.



#### **NOTE**

**For these options will work, you should define option 5 at address P34E 1-8E**

### Start Of "DTMF Output Control" Status Messages:

P42E 1-8E (0-99)

At this location you should enter the number of recorded message for Outputs 1-8. The first message should always be "Output # ON" message, and the follow message should always be "Output # OFF" message, this have to be for all used outputs. E.g. if the recorded "Output #3 ON" message for output 3 is number 25, then the recorded "Output #3 OFF" message have to be number 26, In this way the panel knows that after the "ON" message comes the "OFF" message and the opposite.

## **ARM/DISARM DTMF Control Code Number:**

### **P63E 1-2E (1 = Area A, 2 = Area B) (Value 1-4 digit code 0-9999)**

The panel can be configured to allow remote Arm/Disarm of each Area via a remote telephone. The codes programmed at this address are the DTMF code that must be used when performing this function. When dialling the panel and it has answered the call, after waiting for the panel modem tones to stop you can enter in the 4 digit DTMF code and the current status will be given of the Area associated with the code entered. After that, if you press the "\*" button on the telephone the status of the area will toggle eg if it was previously armed it will change to disarmed or vice versa. When finished you simply hang-up and 15 seconds later the panel will release the line.

## **Start Of "DTMF ARM/DISARM" Status Messages:**

### **P64E 1-2E (1 = Area A, 2 = Area B) (0-99)**

At this location you should enter the number of recorded message for Arm/Disarm states. The first message should be always "Arm" message and the following message should be always "Disarm" message. E.g. If the recorded "Arm" message is number 20, then the "Disarm" message have to be number 21. In this way the panel knows that after "Arm" message will go "Disarm" message and the opposite.

## **Microphone ON/OFF DTMF Code Number:**

### **P175E 13E (Value 1-4 digit code 0-9999)**

The panel can be configured to allow remote listen-in via an on-site microphone. The Voice Board must be fitted for the microphone feature to be available. The code programmed at this address is the DTMF code that must be used when turning the microphone On or Off. When dialling the panel and it has answered the call, after waiting for the panel modem tones to stop you can enter in the 4 digit DTMF code plus the <\*> button on the telephone. This will turn the Microphone On. By Pressing the <\*> button again the microphone will be turned Off. When finished you simply hang-up and 15 seconds later the panel will release the line.

## **Dialler Acknowledge DTMF Code Number:**

### **P175E 14E (Value 1-4 digit code 0-9999)**

If the panel is set to report in Domestic or Voice reporting formats, you can simply kiss-off (acknowledge) the alarm by pressing the <#> button on the remote telephone. Alternatively if you require a more secure kiss-off method to ensure that the alarm is only kissed off by the correct person you can program a 1-4 digit code at this location. If a code is programmed at this location you must enter in the code followed by the <#> button to kiss-off the alarm event.

## **Force Test Call DTMF Code Number**

### **P175E 15E (Value 1-4 digit code 0-9999)**

If a user wishes to remotely force a test call from the panel to a monitoring company using the Contact ID test message, you can dial the panel and when it answers enter the code programmed at this location on the telephone.

If a voice board is fitted you can assign a voice message (see page 9 address P176E11E at Alarm messages field) to indicate that the function was started. Once you hang-up the phone the panel will then make a call to the monitoring company and send a manual test call message. If no code is programmed at this location (i.e. "0") the function will be disabled. The code can be a 1-4 digit number as required.



**NOTE**

If using this remote test code and any of the other remote DTMF codes at locations (P63E, P175E12E, P175E13E & P175E14E) you should make this code a 4 digit code to ensure the panel knows what function is being operated. If no other DTMF remote functions are being used this code can be a single digit.

## For PW-4/8 Control Panel

### Alarm messages:

This block of addresses (P251E - P258E) are used to select a voice message that a Zone will transmit in an alarm. If a value of "0" or the "Bypass" button is entered at any of these addresses then the zone will not report via the Dialer in either **Voice or Domestic** modes.

- P251E Zone 1 Voice Message Number** - (Default = 1) Value= 0-99
- P252E Zone 2 Voice Message Number** - (Default = 1)
- P253E Zone 3 Voice Message Number** - (Default = 1)
- P254E Zone 4 Voice Message Number** - (Default = 1)
- P255E Zone 5 Voice Message Number** - (Default = 1)
- P256E Zone 6 Voice Message Number** - (Default = 1)
- P257E Zone 7 Voice Message Number** - (Default = 1)
- P258E Zone 8 Voice Message Number** - (Default = 1)

Zone 4 Msg No
1

This block of addresses (P259E - P262E) are used to select a voice message that various Alarms will transmit via the dialer. If a value of "0" or the "Bypass" button is entered at any of these addresses then the alarm will not report via the Dialer in either **Voice or Domestic** modes.

- P259E Panic Alarm Voice Message Number** - (Default = 1) Value= 0-99
- P260E Fire Alarm Voice Message Number** - (Default = 1)
- P261E Medical Alarm Voice Message Number** - (Default = 1)
- P262E Battery Low Voice Message Number** - (Default = 1)

Medic Msg No
1

### Remote Control messages:

The remote control messages are set in a fixed sequence. If the voice board is being used to indicate alarms using voice messages and DTMF remote control is also being used, the alarm messages must be recorded first. When all alarm messages have been recorded you can then record the remote control messages e.g. if you have 9 alarm messages recorded before the remote control

messages, the value entered at this address must be 10.  
 A value of "0" must be entered at this address for turn off the function.

**PW 4/8: P250E Start of DTMF Remote Control Messages - (Default = 0) Value = 0-99**

Start of Msgs
10

If we say that this value (10) is equals to **X**, then the DTMF Remote Control Messages have to be recorded at the following order:  
 All Arm/Disarm messages should be recorded first and after them should be recorded all Output messages, as shown at the next table:

<b>Panel Type</b> → <b>Message Number</b> ↓	<b>PW4&amp;PW8</b>
<b>X</b>	Area "A" Armed
<b>X+1</b>	Area "A" Disarmed
<b>X+2</b>	Area "B" Armed
<b>X+3</b>	Area "B" Disarmed
<b>X+4</b>	Output # 1 On
<b>X+5</b>	Output # 1 Off
<b>X+6</b>	Output # 2 On
<b>X+7</b>	Output # 2 Off
<b>X+8</b>	Output # 3 On
<b>X+9</b>	Output # 3 Off
<b>X+10</b>	Output # 4 On
<b>X+11</b>	Output # 4 Off
<b>X+12</b>	Output # 5 On
<b>X+13</b>	Output # 5 Off
<b>X+14</b>	Output # 6 On
<b>X+15</b>	Output # 6 Off
<b>X+16</b>	Output # 7 On
<b>X+17</b>	Output # 7 Off
<b>X+18</b>	Output # 8 On
<b>X+19</b>	Output # 8 Off

## DTMF Remote Control Codes:

This block of addresses (P334E - P337E) are used to program the 4 digit DTMF Remote Control Codes. These codes allow a valid user to set or unset the alarm, turn outputs On or Off or enable the microphone input from a remote telephone.

- P334E Remote Control Code for Area "A" - (Default = 0)**
- P335E Remote Control Code for Area "B" - (Default = 0)**
- P336E Remote Control Code for Output Control - (Default = 0)**
- P337E Remote Control Code to Enable the Microphone Input - (Default = 0)**

## For PW-16 Control Panel:

To save confusion, it is advisable to record all of the alarm reporting messages first then record the Command Control messages. When recording the command control messages the **ON** message **MUST** always be recorded **FIRST** followed immediately by the **OFF** message e.g. For the Area "A" command control messages the Area A Armed message must be recorded first followed by the Area A Disarmed message. The same rule applies to the outputs in that the output ON message must be recorded first followed by that Outputs' OFF message. This is because the panel is told where to find the On message Number for a specific Command Control function and it then is assumed that the OFF message is the next message.

## Alarm messages:

**P757E - P776E, P789E, P790E**

These addresses are used to assign the voice messages to the manually generated Panic, Fire, Medical, battery low and mains failure messages plus the 16 zone activation's. The voice messages will be replayed over the phone in response to an alarm activation to those phone numbers which have been assigned Speech Dial format at options P337E to P342E.

- P757E 0-99E Voice Message Mapped to Keypad "Panic" Alarm - Default 0**
- P758E 0-99E Voice Message Mapped to Keypad "Fire" Alarm - Default 0**
- P759E 0-99E Voice Message Mapped to Keypad "Medical" Alarm - Default 0**
- P761E 0-99E Voice Message Mapped to Zone 1 Activation's - Default 1**
- P762E 0-99E Voice Message Mapped to Zone 2 Activation's - Default 1**
- P763E 0-99E Voice Message Mapped to Zone 3 Activation's - Default 1**
- P764E 0-99E Voice Message Mapped to Zone 4 Activation's - Default 1**
- P765E 0-99E Voice Message Mapped to Zone 5 Activation's - Default 1**
- P766E 0-99E Voice Message Mapped to Zone 6 Activation's - Default 1**
- P767E 0-99E Voice Message Mapped to Zone 7 Activation's - Default 1**
- P768E 0-99E Voice Message Mapped to Zone 8 Activation's - Default 1**
- P769E 0-99E Voice Message Mapped to Zone 9 Activation's - Default 1**
- P770E 0-99E Voice Message Mapped to Zone 10 Activation's - Default 1**
- P771E 0-99E Voice Message Mapped to Zone 11 Activation's - Default 1**
- P772E 0-99E Voice Message Mapped to Zone 12 Activation's - Default 1**
- P773E 0-99E Voice Message Mapped to Zone 13 Activation's - Default 1**
- P774E 0-99E Voice Message Mapped to Zone 14 Activation's - Default 1**
- P775E 0-99E Voice Message Mapped to Zone 15 Activation's - Default 1**
- P776E 0-99E Voice Message Mapped to Zone 16 Activation's - Default 1**
  
- P789E 0-99E Voice Message Mapped to Mains Failure Alarm - Default 0**
- P790E 0-99E Voice Message Mapped to Battery Low Alarm - Default 0**

Zone 1 Voice Msg
1

## Remote Control messages:

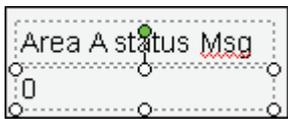
### On Message for ARM/DISARM Status Messages:

If the ON message number is left blank i.e. "0", the panel will assume that there is no voice message for this Command Control function and revert to the DTMF board tones e.g. One long tone for ON and three short beeps for OFF.

**P777E code E Area "A" ON message number** - This is the message number where the Area "A" armed message starts. The Area "A" disarmed message must be the next message.

**P778E code E Area "B" ON message number** - This is the message number where the Area "B" armed message starts. The Area "B" disarmed message must be the next message.

**P779E code E Area "C" ON message number** - This is the message number where the Area "C" armed message starts. The Area "C" disarmed message must be the next message.



### On Message for Output Status Messages:

If the ON message number is left blank i.e. "0", the panel will assume that there is no voice message for this Command Control function and revert to the DTMF board tones e.g. One long tone for ON and three short beeps for OFF.

**P781E code E Output #1 ON message number** - This is the message number where the Output #1 ON message starts. The Output #1 OFF message must be the next message.

**P782E code E Output #2 ON message number** - This is the message number where the Output #2 ON message starts. The Output #2 OFF message must be the next message.

**P783E code E Output #3 ON message number** - This is the message number where the Output #3 ON message starts. The Output #3 OFF message must be the next message.

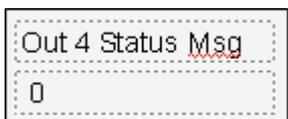
**P784E code E Output #4 ON message number** - This is the message number where the Output #4 ON message starts. The Output #4 OFF message must be the next message.

**P785E code E Output #5 ON message number** - This is the message number where the Output #5 ON message starts. The Output #5 OFF message must be the next message.

**P786E code E Output #6 ON message number** - This is the message number where the Output #6 ON message starts. The Output #6 OFF message must be the next message.

**P787E code E Output #7 ON message number** - This is the message number where the Output #7 ON message starts. The Output #7 OFF message must be the next message.

**P788E code E Output #8 ON message number** - This is the message number where the Output #8 ON message starts. The Output #8 OFF message must be the next message.



## DTMF Remote Control Codes:

This feature is a remote control facility which allows valid users to access the panel via a standard touch tone telephone and check or change the Arm/Disarm status of each of the areas, operate each of the eight outputs or turn on an optional Microphone.

Before Command Control features can be used the 4 digit DTMF control codes must be programmed. The DTMF codes can be 1-4 digits in length. There is a code for each partition, another to control all of the 8 outputs and one more to turn on or off the optional Microphone input. When programming the command control messages, ensure that the messages are a minimum of 2 seconds long. The addresses for these codes are:

**P371E code E 4 Digit Code for Output Command Control** - This is the code used to access the Output Command menu. A number from 1-8 is entered after this code to select the output you wish to control (for this feature to work, option 5 at addresses P201E to P208E must be turned on).

**P372E code E 4 Digit Code for Area "A" Command Control** - This is the code used to Arm or Disarm Area "A" via the telephone.

**P373E code E 4 Digit Code for Area "B" Command Control** - This is the code used to Arm or Disarm Area "B" via the telephone.

**P374E code E 4 Digit Code for Area "C" Command Control** - This is the code used to Arm or Disarm Area "C" via the telephone.

**P375E code E 4 Digit Code to Turn ON Microphone** - This is the code used to turn the microphone input on so that the user can listen to any foreign sounds at the secured premises.

Area B CMD Code
0

## For Elite-64 Control Panel: Alarm messages:

### ZONE GROUP ALARM VOICE MESSAGE MAPPING - P511E - P530E

These addresses are used to assign the customised voice messages to the zone group alarms. The voice messages will be played over the phone in response to an alarm activation. The Voice messages will be reported to those phone numbers which have been assigned Speech Dial format at options P837E to P842E.

**P511E 0-99 Customised Voice Message Mapped to Zone Group**

# 1 Activation's - Default 0

**P512E 0-99 Customised Voice Message Mapped to Zone Group**

# 2 Activation's - Default 0

**P513E 0-99 Customised Voice Message Mapped to Zone Group**

# 3 Activation's - Default 0

**P514E 0-99 Customised Voice Message Mapped to Zone Group**

# 4 Activation's - Default 0

**P515E 0-99 Customised Voice Message Mapped to Zone Group**

# 5 Activation's - Default 0

**P516E 0-99 Customised Voice Message Mapped to Zone Group**

# 6 Activation's - Default 0

**P517E 0-99 Customised Voice Message Mapped to Zone Group # 7 Activation's** - Default 0  
**P518E 0-99 Customised Voice Message Mapped to Zone Group # 8 Activation's** - Default 0  
**P519E 0-99 Customised Voice Message Mapped to Zone Group # 9 Activation's** - Default 0  
**P520E 0-99 Customised Voice Message Mapped to Zone Group # 10 Activation's** - Default 0  
**P521E 0-99 Customised Voice Message Mapped to Zone Group # 11 Activation's** - Default 0  
**P522E 0-99 Customised Voice Message Mapped to Zone Group # 12 Activation's** - Default 0  
**P523E 0-99 Customised Voice Message Mapped to Zone Group # 13 Activation's** - Default 0  
**P524E 0-99 Customised Voice Message Mapped to Zone Group # 14 Activation's** - Default 0  
**P525E 0-99 Customised Voice Message Mapped to Zone Group # 15 Activation's** - Default 0  
**P526E 0-99 Customised Voice Message Mapped to Zone Group # 16 Activation's** - Default 0  
**P527E 0-99 Customised Voice Message Mapped to Zone Group # 17 Activation's** - Default 0  
**P528E 0-99 Customised Voice Message Mapped to Zone Group # 18 Activation's** - Default 0  
**P529E 0-99 Customised Voice Message Mapped to Zone Group # 19 Activation's** - Default 0

#### **MISCELLANEOUS VOICE MESSAGE MAPPING - P1021E - P1029E**

These addresses are used to assign the customised voice messages to the manually generated Panic/Fire/Medical alarms, battery low and mains failure, Radio Battery low, Supervisory Alarm and tamper alarm messages. The voice messages will be played over the phone to the numbers which have been assigned Speech Dial format at options P837E to P842E. If a "0" is programmed, there will be no voice message reported.

**P1021E 0-99E Voice Message Mapped to Pendant "Panic" Alarm** - Default 0  
**P1022E 0-99E Voice Message Mapped to Keypad "Panic" Alarm** - Default 0  
**P1023E 0-99E Voice Message Mapped to Keypad "Fire" Alarm** - Default 0  
**P1024E 0-99E Voice Message Mapped to Keypad "Medical" Alarm** - Default 0  
**P1025E 0-99E Voice Message Mapped to Battery Low Alarm** - Default 0  
**P1026E 0-99E Voice Message Mapped to Mains Failure Alarm** - Default 0  
**P1027E 0-99E Voice Message Mapped to Radio Device Low battery** - Default 0  
**P1028E 0-99E Voice Message Mapped to Radio Supervisory Failure Alarm**  
 - Default 0  
**P1029E 0-99E Voice Message Mapped to Zone or System Tamper Alarm**  
 - Default 0

## **DTMF Remote Control Codes:**

When the Voice Board is fitted the panel can provide remote control of arming & disarming plus turn selected outputs on or off with speech prompts using a standard touch tone telephone. The owner can check or change the Arm/Disarm status of each of the areas, operate each of the eight outputs

or turn on the optional Microphone.

Before remote Command Control features can be used the 4 digit DTMF control codes must be programmed. The DTMF codes can be 1-4 digits in length. There is a code for each area, another to control all of the 8 outputs and one more to turn on or off the Microphone input.

The addresses for the DTMF Command Control codes are:

### REMOTE COMMAND CONTROL CODES

**P881E XXXX 4 Digit Code for Area "A" Command Control** - This is the code used to Arm or Disarm Area "A" via the telephone.

**P882E XXXX 4 Digit Code for Area "B" Command Control** - This is the code used to Arm or Disarm Area "B" via the telephone.

**P883E XXXX 4 Digit Code for Area "C" Command Control** - This is the code used to Arm or Disarm Area "C" via the telephone.

**P884E XXXX 4 Digit Code for Area "D" Command Control** - This is the code used to Arm or Disarm Area "D" via the telephone.

**P885E XXXX 4 Digit Code for Output Command Control** - This is the code used to access the Output Command menu. A number from 1-8 is entered after this code to select the output you wish to control (for this feature to work, option 5 at addresses P681E to P688E must be turned on).

**P886E XXXX 4 Digit Code to Turn ON Microphone** - This is the code used to turn the microphone input on so that the user can listen for any foreign sounds at the secured premises

## Remote Control messages:

The following messages will be played via the customers telephone, when using the Remote Control features.

### PROGRAMMING THE "ARM" MESSAGE:

When programming messages into the Voice board, you must always program the area Arm message first followed immediately by the Disarm message for the same area. When programming the area Arm message the panel will always assume that the Disarm message will be the next message (eg if the Area A arm message is message number 1, the panel will assume that the Area A disarm message will be message number 2).

**P1001E XX Area "A" Arm message number** - This is the customised message number to play when Area "A" is armed remotely by Command Control.

**P1002E XX Area "B" Arm message number** - This is the customised message number to play when Area "B" is armed remotely by Command Control.

**P1003E XX Area "C" Arm message number** - This is the customised message number to play when Area "C" is armed remotely by Command Control.

**P1004E XX Area "D" Arm message number** - This is the customised message number to play when Area "D" is armed remotely by Command Control.

### PROGRAMMING THE "ON" MESSAGE FOR "OUTPUTS":

When programming messages into the Voice board, you must always program the output On message first followed immediately by the output Off message for the same output. When programming the output On message the panel will always assume that the output Off message will be the next message (eg if the output number 5 On message is message number 16, the panel will assume that the output number 5 Off message will be message number 17).

**P1031E XX Output #1 ON message number** - This is the customised message number to play when Output #1 turns ON remotely by Command Control.

- P1032E XX Output #2 ON message number** - This is the customised message number to play when Output #2 turns ON remotely by Command Control.
- P1033E XX Output #3 ON message number** - This is the customised message number to play when Output #3 turns ON remotely by Command Control
- P1034E XX Output #4 ON message number** - This is the customised message number to play when Output #4 turns ON remotely by Command Control.
- P1035E XX Output #5 ON message number** - This is the customised message number to play when Output #5 turns ON remotely by Command Control.
- P1036E XX Output #6 ON message number** - This is the customised message number to play when Output #6 turns ON remotely by Command Control.
- P1037E XX Output #7 ON message number** - This is the customised message number to play when Output #7 turns ON remotely by Command Control.
- P1038E XX Output #8 ON message number** - This is the customised message number to play when Output #8 turns ON remotely by Command Control.

# Operating Instructions

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## Acknowledging Voice Alarm Messages:

If an alarm occurs that is set for Voice Reporting, the panel will call the pre-programmed telephone number/s. When the call is answered, the Voice Alarm message will be sound. The panel will then wait for 5 seconds looking for a DTMF tone on the line (a DTMF tone is generated when any key on a normal pushbutton telephone is pressed). If the panel receives a DTMF tone it will hang-up and cancel any further calls for that particular alarm event. If not it will repeat the voice message a further 3 times with the 5 second pause in between waiting to hear a DTMF tone that will stop the alarm reporting. If no DTMF tone was received after the total of 4 attempts the panel will dial the next pre-programmed number on the list and repeat the sequence again.

## Command Control Operation:

If Command Control is set up then a valid code holder can call the alarm using any standard pushbutton telephone. When the panel answers the in-coming call it will generate 2 different tones for approximately 2 seconds each. When the tones have finished the panel will be looking for a valid 4 digit DTMF code e.g. 1, 2, 3, 4. If the code entered in at the keypad on the telephone matches one of the valid DTMF codes programmed into the panel the appropriate voice message will be sent. For example; If the code 1,2,3,4 was the Arm/Disarm code for Area "A" and the code holder entered this code in at their telephone, the alarm panel will respond with the voice message relating to the current status of Area "A".

Now by pressing the " \* " button at the remote telephone the panel will change the status of Area "A" (if already Armed it will Disarm the panel or vice versa) and give the corresponding voice message relating to this new state.

Output Control is very similar with the exception that the output number you wish to control must be entered in after the valid 4 digit code e.g. if the output control code was 2,5,8,0 and you wanted to control output # 2 then the code 2,5,8,0,2 must be entered in at the remote telephone. Once again, if this was a valid code to control the outputs the panel will respond with the voice message relating to the current status of the output concerned (in this case output 2). By pressing the " \* " button the state of the output will be changed and the message relating to the new status will be sent.

At any time if an incorrect code is accidentally entered a single press of the " # " button at the telephone will reset all digits sent ready for a new sequence of 4 digits.

## Microphone Control:

If the optional microphone is connected to the Voice Board, it is possible to dial into the alarm panel from any telephone and turn on the Microphone input to allow audible verification of an intruder on-site.

To do this, once the panel has answered the in-coming call as before, all you have to do is enter in the valid 4 digit Microphone code followed by the " \* " button.

If the panel is currently in alarm at the time of turning on the microphone, all alarm outputs are turned off so that any foreign sounds may be heard. To turn the microphone input off you simply press the " \* " button again. If the microphone is not turned off properly it is automatically turned off when the call is terminated and the outputs are returned to their previous state.