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**EAGLE** SECURITY  
PRODUCTS, INC.



**MODEL 1244**

**FALSE ALARM TERMINATOR™ VOX PRO  
TWO WAY AUDIO SYSTEM**

**with Direct Interface to Video Equipment,  
Auto-VOX Switching,  
Emergency phone Dialing and Integrated Power Supply**

**INSTALLATION INSTRUCTIONS**



**“LEADERS IN TWO WAY AUDIO TECHNOLOGY”**

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## **1.0 GENERAL.**

### **1.1 FEATURES.**

The FALSE ALARM TERMINATOR™ VOX PRO features include:

- ◆ Emergency phone auto-dialer interface.
- ◆ Direct interface to Javelin Rapideye and Sensormatic Robot video equipment.
- ◆ Integrated audio grade power supply.
- ◆ Connection for up to twelve Model 1410 Four Zone Expansion Modules.
- ◆ VCR Audio connection for continuous 24 hour audio recording.
- ◆ Auto-VOX Switching for simple, easy use.
- ◆ Self contained speaker/microphones with quick, convenient terminal connectors.
- ◆ Two wire, non-shielded, microphones.
- ◆ Eagle's Enhanced Voice Technology for extraordinary clarity in talk back mode.
- ◆ Central station detection with automatic disconnect upon central station hang-up.
- ◆ Microprocessor technology which provides a wide range of operating modes.
- ◆ Remote volume control of the microphone from the central station.
- ◆ Optional Digital Stored Audio for system enhancement.
- ◆ EEPROM programming for enhanced system capability.

### **1.2 OPERATION.**

The Model 1244 is a two way voice module which can stand-alone or interface directly to either a Javelin Rapideye or Sensormatic Robot interactive video systems.

#### **1.2.1 Operation with Rapideye or Sensormatic video systems.**

The Model 1244 is activated by a switch closure between the TRIP and GND terminals. This closure typically comes from an "Emergency Phone." The 1244 in turn is used to activate the video system and/or an alarm panel. The video system will connect to the central station via a dial-up ISDN or POTS line. Once the connection is made by the video system to the central station, the central station computer will pass a phone number, via the video system, to the Model 1244. This phone number is the number for a phone at the operator's location who is handling the alarm. Once the Model 1244 has the phone number, it will dial out over a second line and connect to the central station operator. The operator can now use the phone to communicate to the premise via the "Emergency Phone" or any of the possible 8-speaker/mic zones. The operator can also use the central station computer to control which zones to turn on/off, control the two way operation or re-program most of the 1244's options.

#### **1.2.2 Operation in a stand alone (dial up mode) when used with other video systems.**

When the Model 1244 is used in a stand-alone mode or with video systems other than the Javelin Rapideye or Sensormatic Robot, a switch closure between the TRIP and GND terminals will cause the Model 1244 to dial a pre-programmed phone number stored in its' EEPROM. When the called party answers the call, they can use their Touch Tone phone to communicate to the premise via the "Emergency Phone" or any of the possible 48 speaker/mic zones, select which zones to turn on/off, control the 2-way operation or re-program all of the 1244's options.

#### **1.2.3 Operation in a stand alone (trip to audio) mode.**

When the 1244 is used in the stand alone (trip to audio) mode it responds to the trip input not by dialing, but by activating the audio mode either immediately or in the five minute one ring call back mode. See Options 6, 7 & 8. In this mode the 1244 is on line as soon as the digital communicator has finished reporting the alarm to the central station. If the 1244 is programmed to activate immediately (link mode) the output from the communicator that causes the closure between the TRIP and GND terminals of the 1244 must activate at exactly the same time the communicator is "kissed-off" (disconnected) in order to maintain the Telco connection. Six seconds after the 1244 is activated by the trip input it will generate an alert tone every two seconds to let the operator know it is on line and waiting for them to press a DTMF digit. Once that occurs the 1244 is controlled via the DTMF digits in the normal fashion.

#### **1.2.4 "Emergency Phone"**

The "Emergency Phone" used with the Model 1244 can be a standard telephone designed for the TELCO network but if that type of phone is used a separate switch needs to be installed to activate the Model 1244.

Phones are available that have this switch built in. Contact Eagle Security Products customer service for information.

### 1.2.5 General

When connected to the Javelin Rapideye or Sensormatic Robot video systems, the Model 1244 can be expanded from one zone (Model 1244 only) to as many as eight zones by adding one or two Model 1410 four zone expansion modules.

When used in a stand-alone mode or with other video systems the number of zones can be expanded to 48, in groups of four, using up to 12 Model 1410's.

A VCR via the VCR output can record the audio picked up by Microphone Zone One during standby, along with all the audio present during an alarm call, on the 1244. An output for an optional stored audio module allows the storage of up to two minutes of audio prior to the unit dialing.

The Model 1244 also features an integrated 12VDC power supply and battery charger. The power supply has an AC indicator, DC indicator, Reversed Battery polarity protection with indicator, and a Low Battery sensing circuit with indicator and open collector output.

## **2.0 REQUIREMENTS.**

### **2.1 POWER.**

Operating voltage: 16 VAC 20VA Eagle p/n 115004 Class II Plug-In transformer (user supplied; supplied w/ 1244C)  
1244 Current draw (standby/active): 75 mA / 175 mA  
1410 Current draw (active): 10 mA plus 15 mA per active zone

### **2.2 SYSTEM.**

The Eagle 1244 requires the following hardware:

1. A local "Emergency Phone".
2. Connections to power (16VAC & Ground) and telephone (Tip & Ring).
3. Model 1410 Four Zone Expansion Module (optional up to 12 maximum)
4. A minimum of one speaker/microphone (Eagle Model 2172F Flush Mount or 2172S Surface Mount).

## **3.0 INSTALLATION.**

### **3.1 INSTALLATION SUMMARY.**

1. Mount the Model 1244 into control panel or wiring box.
2. Connect a telephone cord from the telephone interface to the telephone connection (P4) on the 1244.
3. Connect Model 1410 Four Zone Expansion Module to 1244 via included cable.
4. Run cable (standard 4 conductor) from the 1410 Expansion Module to the speaker/mic location(s).
5. Connect cable from the 2172 speaker/mic to the 1410 Four Zone Expansion Module **SPK & MIC** connectors.
6. Mount one Eagle Model 2172 speaker/microphone, if applicable.
7. Connect additional Model 2172 Speaker/Mic's, if desired, to the Model 1410 Four Zone Expander.
8. Program EEPROM.
9. Connect Earth Ground to terminal strip. Connect power & system ground to terminal strip.
10. Connect the "Emergency Phone" to the tip and ring terminals of the emergency phone terminal strip. Connect the "Emergency Phone" trip switch to the TRIP and GND terminals.
11. If using either the Javelin Rapideye or Sensormatic Robot video systems connect them, via the cable provided, to the DATA IN, CLK and DATA OUT terminals. Connect the trip input of the video equipment to the N.O. & COM terminals of the relay terminal strip. To turn off sirens during the 2-way session connect a 12vdc relay to the RELY & +12 terminals of the relay terminal strip and run one side of the siren through the relay.
12. If using a VCR to record the audio connect the VCR's audio input to the VCR and GND terminals.

### **3.2 WIRING AND PLACEMENT.**

#### **3.2.1 TERMINAL STRIP DESCRIPTION - WIRING CONNECTIONS**

**AC/AC** Connect 16VAC 20VA power to these positions. This powers the module.

**EARTH GND**: Connect EARTH GROUND to this terminal. This is **MANDATORY** for proper surge & lightning protection! Warranty voided without proper EARTH connection.

**+ BATT / - BATT**: Connect external backup battery here.

### 3.2.2 STORED AUDIO CONNECTOR (P5).

STORED AUDIO CONNECTOR (P5) - Wiring connection for use with proprietary Eagle Digital Stored Audio Module. There are no user serviceable connections.

### 3.2.3 activation relay & AUDIO ACTIVE RELAY output.

The RELAY on the Model 1244 follows the state of the “EMERGENCY PHONE” trip input. The relay is energized (changes state) when the “EMERGENCY PHONE” is off hook and de-energizes when it is on hook. This relay is used to trip (activate) other devices in the system such as the video equipment and/or an alarm control panel. The relay can be used to disable sirens during the 2-way session.

In addition, an open collector output is provided which is active (gnd.) whenever the 1244 is active and the operator is on line. This output can be used to activate a 12vdc relay with a coil resistance of 48 ohms or greater. The voltage suppression diode is built-in.

**TABLE 1: ACTIVATION RELAY & AUDIO ACTIVE RELAY OUTPUT WIRING CONNECTIONS.**

TERMINAL ID	CONNECTION
N.C.	Normally Closed contacts of the activation relay.
COM.	Wiper of the activation relay.
N.O.	Normally open contact of the activation relay.
RELY	Transistor open collector output. Connect to one side of a relay coil.
+12	+12 VDC. Connect or the other side of a relay coil.

### 3.2.4 SPK/MIC (P2) - ONBOARD SPEAKER AND MICROPHONE CONNECTIONS.

The Model 1244 offers an onboard speaker and microphone connections. This allows the unit to be utilized without the Model 1410 Four Zone Expansion Module. THESE CONNECTIONS ARE NOT ZONED. THEY ARE ALWAYS ACTIVE.

**TABLE 2: ONBOARD SPEAKER AND MICROPHONE CONNECTIONS.**

TERMINAL ID	CONNECTION
MIC	MICROPHONE
MIC	MICROPHONE
SPK	SPEAKER
SPK	SPEAKER

### 3.2.5 PHONE (P6) - “EMERGENCY PHONE” CONNECTIONS.

The Model 1244 is activated when a local “emergency phone” is taken off-hook, provided it has a separate TRIP OUTPUT which can be connected to the Trip Input of the 1244, or by the “EMERGENCY” button when used with a hands free “Emergency Phone”. This in turn activates the activation relay. The contacts of the activation relay are used to trip the video system and an alarm panel.

**TABLE 3: “EMERGENCY PHONE” CONNECTIONS.**

TERMINAL ID	CONNECTION
T	Connect one of the “EMERGENCY PHONE” telco connections here.
R	Connect the other “EMERGENCY PHONE” telco connection here.
TRIP	Connect one side of the TRIP output here.
GND	Connect the other side of the TRIP output here.

### 3.2.6 AIT/VCR – Javelin & Sensormatic DATA BUSS AND VCR AUDIO CONNECTIONS.

The Model 1244 offers connections to connect with the Javelin Rapid Eye & Sensormatic Robot video systems data buss’ which allows the 1244 to be controlled remotely from a central station. Additionally, the Model 1244 offers the ability to output microphone audio to a VCR audio input. When the 1244 is not active the internal microphone and/or mic 1 from the 1410 are fed to the VCR output. When the 1244 is active all audio in both directions is fed to the VCR output.

**TABLE 4: JAVELIN & SENSORMATIC DATA BUSS AND VCR AUDIO CONNECTIONS.**

<b>TERMINAL ID</b>	<b>CONNECTION</b>
DATA IN	Data in from the video panel.
CLOCK	From the video panel.
DATA OUT	Data to the video panel.
VCR	Audio output to VCR.
GND	Common ground for both video panel and/or VCR.

**3.2.7 MODEL 1410 CONNECTOR - “TO FIRST MODEL 1410”**

This connector is used to interface the Model 1244 to one or more (up to 12) Model 1410 Four Zone Expansion Modules. The function of each connection is as follows:

**TABLE 5: MODEL 1410 CONNECTOR.**

<b>Pin</b>	<b>Description</b>
Pin 1	Audio from all microphones that are active on the 1410.
Pin 2	+12 VDC from the 1244.
Pin 3	GND from the 1244.
Pin 4	Audio from just microphone 1.
Pin 5	Data from the 1244 expansion buss.
Pin 6	Clock from the 1244 expansion buss.
Pin 7	Strobe/latch from the 1244 expansion buss.
Pin 8	Audio to the 1410’s speaker drivers.

**3.3 ADJUSTMENTS/INSTALLATION.**

**SPEAKER VOLUME** - Adjusts the gain of the speaker connected to the TERMINATOR™ VOX PRO; CW - increases gain; CCW - decreases gain.

**ALL MICS VOLUME** - Adjusts the gain of all active microphones (these are connected to the VCR output when the 1244 is active); CW - increases gain; CCW - decreases gain.

**MIC 1 ONLY VOLUME** - Adjusts the gain of microphone #1 on the 1410 Zone Expander ONLY (this is connected to the VCR output when the 1244 is NOT active); CW - increases gain; CCW - decreases gain.

**SINGLE MIC VOLUME** - Adjusts the gain of microphone CONNECTED TO THE 1244; CW - increases gain; CCW - decreases gain.

**3.4 SPEAKER/MIC INSTALLATION.**

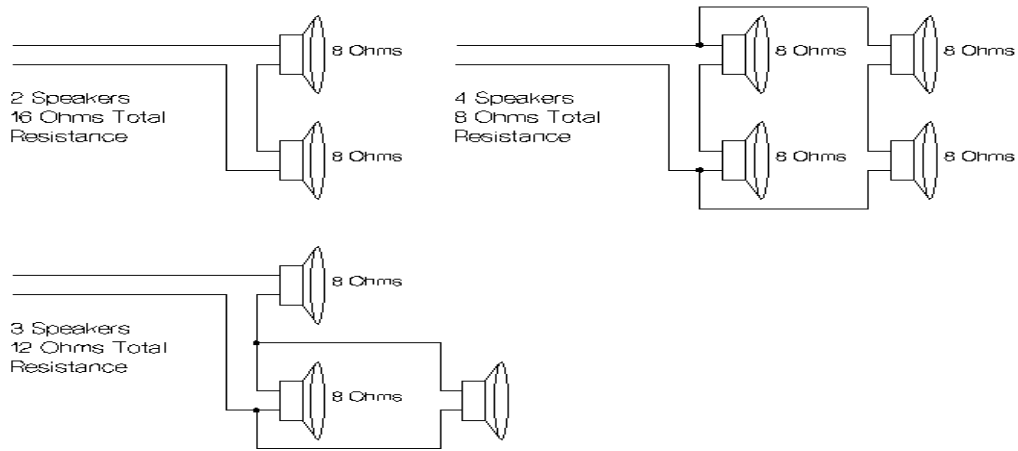
**3.4.1 LOCATION.**

A speaker/mic can cover a range of up to 2500 square feet. This is dependent on the environment in which they are installed. Installation is recommended at or near system keypads with a minimum of one per floor, excluding basement.

**3.4.2 QUANTITY OF speaker/mics.**

Up to four (4) Model 2172 microphones *per channel* may be used with the Eagle FALSE ALARM TERMINATOR™ VOX PRO. Up to four speakers *total* may be used when connected in a series-parallel combination so **as not to drop below eight (8) ohms of total impedance**. See Diagram 1.

**DIAGRAM 1: WIRING MULTIPLE SPEAKERS.**



**4.0 ACTIVATION.**

**4.1 EMERGENCY PHONE ACTIVATION**

Taking the receiver “hand set” of the emergency phone off hook closes the separate switch connected to the TRIP and GND terminals. This activates the dialer function of the TERMINATOR™ VOX PRO and energizes the activation relay. The TERMINATOR™ VOX PRO will go off hook, and wait up to 99 seconds for a phone number to dial if used with the Rapideye or Sensormatic video systems. If it does not get a number within the programmed time period it will dial the re-programmed phone number from the 1244’s EEPROM.

If the 1244 is used in a standalone mode or with other video systems, when the Trip input is activated the 1244 will wait for three (3) seconds then dial the pre-programmed phone number.

**4.2 CALL IN ACTIVATION**

The TERMINATOR™ VOX PRO can be programmed to answer an incoming call with a pre-programmed number of rings. Once the call is answered, a code must be entered to access the audio circuits. (See option 3.)

**4.2.1 Voice Message Bypass. (See option 1)**

Voice message bypass operates in the following manner:

1. Call the 1244 and let the phone ring the programmed number of times.
2. Hang up and wait a minimum of 10 seconds but no more than 60, and then call the 1244 again.
3. The 1244 will answer on the first ring.
4. Enter the programmed acknowledge sequence. (See option 3)

**Note:** A one is added to the number of rings programmed and that number is also tested for the Voice Message Bypass. Hence, if a two was programmed in Option 1 either two or three rings will cause the 1244 to set up for Voice Message Bypass.

**4.3 LED INDICATORS**

The 1244 features five LED indicators, AC, DC, Low Battery, Reversed Battery, and Status. From the LED status indicators, a technician can determine the current status of the module. Table four summarizes the four different modes of the status indicator. The following list summarizes the other four status LED’s:

AC - AC is present if LED is ON.

DC - DC is present either from the DC power supply or from the battery if LED is ON.

LB - The battery voltage is low or the battery is missing when the LB LED is flashing.

RB - The battery leads have been connected in reverse (+) to (-) when the RB LED is ON.

**TABLE 6: STATUS LED INDICATOR.**

# FLASHES EVERY SIX SECONDS	MODE
1 (ONE)	STANDBY OPERATION - ALL OK
2 (TWO)	ONE RING CALL BACK MODE, WAITING FOR RING
3 (THREE)	CALL HAS BEEN ANSWERED, WAITING FOR ACKNOWLEDGMENT CODE.
4 (FOUR)	EMERGENCY PHONE HAS COMPLETED CALL, WAITING FOR CS OPERATOR TO PRESS DTMF DIGIT.
STEADY ILLUMINATION	TWO WAY ACTIVE.

## 4.4 CENTRAL STATION DETECTION.

The 1244 features central station detection with auto-disconnect. This feature allows the module to detect if the central station receiver operator failed to send a shut down command. The TERMINATOR™ VOX PRO will automatically shut down (within 15 seconds) of the operator hanging up.

## 5.0 PROGRAMMING THE MODULE.

### 5.1 OPTION DESCRIPTION.

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#### Option 1: Voice Message Bypass

This is also known as the ring-pause ring mode. This option selects the number of rings for the first “ring” before hanging up and calling back. The unit will always answer on the first ring subsequent to hanging up after the required number of rings, provided the option is enabled.

**Note:** A one is added to the number of rings programmed and that number is also tested for the Voice Message Bypass. Hence, if a two was programmed in Option 1 either 2 or 3 will cause the 1244 to set up for Voice Message Bypass.

**1 – 9** = Selects Bypass. The number entered selects the number of rings required before hanging up.

**0** = Option disabled.

DEFAULT =

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#### Option 2: Full Time Call Back

This option determines the number of rings the TERMINATOR™ VOX PRO will answer when in the call back mode.

**1 – 9** = Selects full time callback active. The number entered selects the number of rings before the 1244 answers.

**0** = Option disabled.

DEFAULT =

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#### Option 3: Call – In or Alarm Call Acknowledge Code

This option determines which sequence of Touch Tone digits will acknowledge the TERMINATOR™ in the call - in mode or after an alarm activation and call to the central station.

**1** = Single  will access

**2** = Custom code (User Code only) will access

DEFAULT =

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#### Option 4: No Activity Time

This option selects how much time must pass before the TERMINATOR™ VOX PRO hangs up when no DTMF digits are sent from the central station.

**0 – 9** = Enter the time, in minutes.

**0** = Option disabled.

DEFAULT =

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#### Option 5: Phone number transmission delay

This option selects the amount time the 1244 waits for the video equipment to send the telephone number to dial. If the time elapses before a number is received the 1244 will dial the DEFAULT phone number. Time is programmed in increments of 4 seconds. **Example:** To program an 8 second wait, enter  .

**00 - 99** = multiples of 4 seconds = 0 to 396 seconds; DEFAULT =   (20 seconds)

**Note:** The leading **0** must be entered for numbers less than 10.

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#### Option 6: Momentary or Continuous Trip Input

This option determines whether or not the “Emergency Phone” Trip input will cause the 1244 to latch with a momentary input such as the EMERGENCY button on a hands free “Emergency Phone” or require that the input remain active until the central station operator comes on line as with a standard hand set type “Emergency Phone” with a separate trip switch.

**1** = Continuous

**2** = Momentary

DEFAULT =

---

### Option 7: Emergency Phone or Trip Input

This option determines whether or not the Trip input will be used with an “Emergency Phone” causing the 1244 to dial out or will be used with a “Control/Communicator” causing the 1244 to activate in the conventional audio modes.

- 1 = Emergency Phone
- 2 = Control/Communicator

DEFAULT =

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### Option 8: Immediate (Link) or Five Minute One Ring Call Back Mode

If Option 7 is selected as a , “Control/Communicator”, then this option determines whether or not the Trip input will cause the 1244 to activate in the Immediate (Link) mode or in the One Ring Call Back mode.

- 01 = Immediate
- 02 = One Ring Call Back (for 5 minutes)

DEFAULT =

**Note:** The leading 0 must be entered.

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### Option 8: 20 Digit Telephone Number

This is the telephone number (up to 20 digits) that the 1244 will dial when the trip input is activated and the 1244 is used in a stand-alone mode or when the Rapideye or Sensormatic video equipment is connected but fails to send a phone number in the programmed time period.

Enter up to 20 digits. If less than 20 digits are used, a  must be entered after the last digit, the # indicates end of the phone number to the 1244 and causes it to exit the program mode and generate the program progress tone.

DEFAULT: 1-555-555-5555

Note PAUSES: A  followed by a number between  &  can be entered between phone numbers to generate pauses. The number following the  multiplied times 2 equals the pause time in seconds.

Example: to program a phone number with a 2 second pause after the 1<sup>st</sup> number such as 9 (pause) 5551212 enter the following:  a 4 second pause would be:  etc.

The Program Access code can only be changed using the Access code change mode.

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### Program Access Code (Dealer Code)

This option allows the dealer/central station to access the module but only to enter the programming modes.

It cannot access the 2-way mode.

Any four digits, 0000 through 9999 (numbers ONLY) may be programmed. DEFAULT =

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### User Access Code

This option is used to program the USER access code. The USER access code is used when an access code is required on a call in to the 1244. See Option 3.

The USER access code can also be used to re-program itself but not change any other options, the phone number or the Program Access code.

Any four digits, 0000 through 9999 (numbers ONLY) may be programmed. DEFAULT =

## 5.2 ACCESSING PROGRAMMING VIA TELEPHONE CALL-IN.

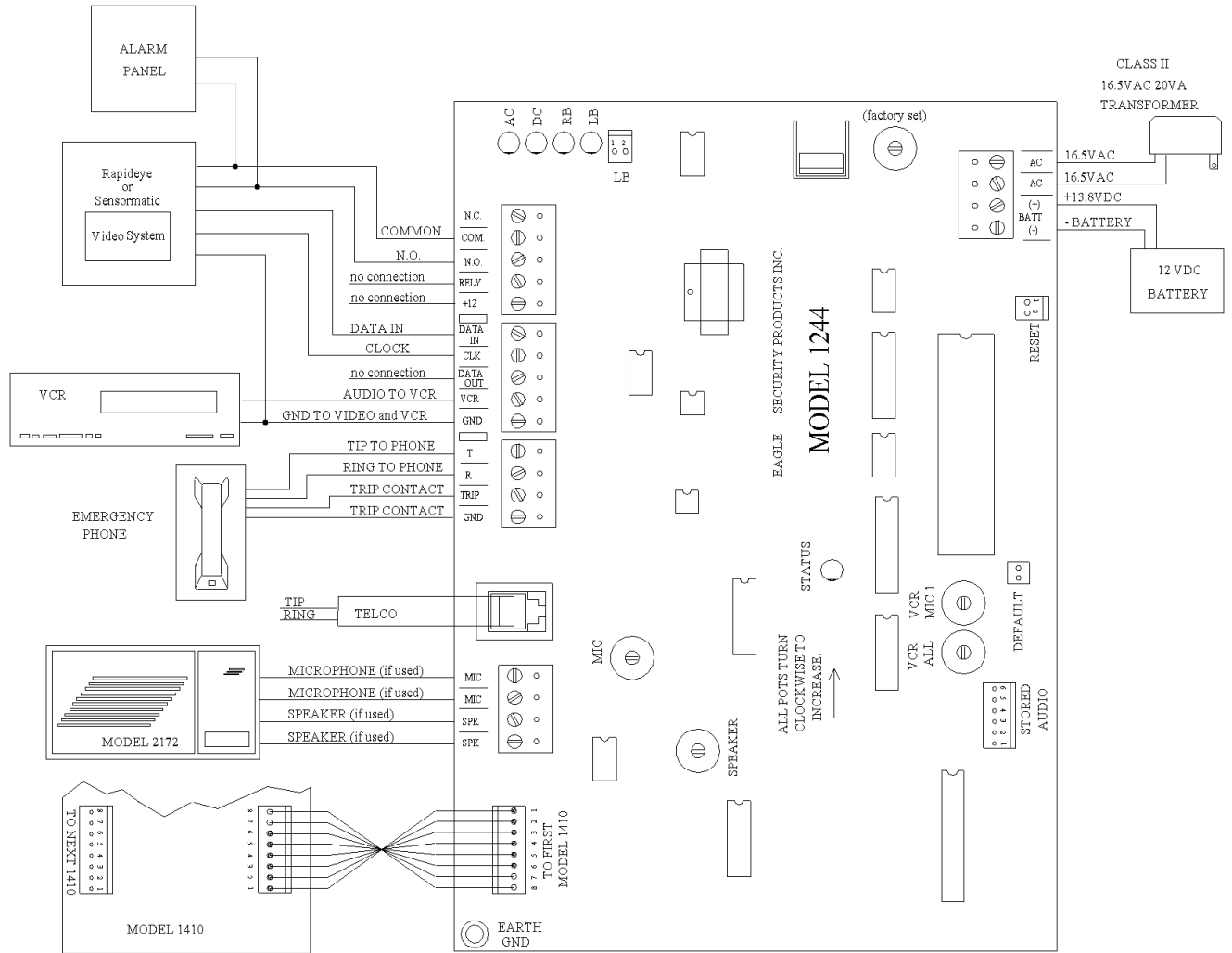
To enter any of the three program modes call the TERMINATOR™ VOX PRO using a DTMF telephone.

1. When the TERMINATOR™ VOX PRO answers, you will hear the ring answer tones, *bop/beep\_beep/bop*. Enter the appropriate Acknowledge code. (Default = ) If the Acknowledge code is correct you will hear the acknowledge tone *beep\_beep\_beep*.





**DIAGRAM 2: WIRING SCHEMATIC.**



Video system, VCR and Models 2172 & 1410(s) are all optional.

## 6.0 CONTROLLING THE MODULE.

### 6.1 SWITCHING BETWEEN MANUAL TALK & LISTEN AND VOX.

When connected via either the Rapideye or Sensormatic video systems refer to their manuals for controlling the audio, zones and programming via the central station computer.

When connected to other video equipment or when in a stand-alone mode and after the module has been successfully activated by, either calling it or answering an alarm call made by the 1244 the operator can control the operation of the system using a Touch-Tone® phone in the following manner:

Note: The 1244 can still be controlled via Touch-Tone® phone even when connected to a Rapideye or Sensormatic video system.

#### DIGIT    DESCRIPTION

- 1 Switch to "TALK" only mode, high volume.
- 2 Switch to "VOX" mode normal gain and volume.
- 3 The DTMF digit 3 will:
  - a) Switch to "LISTEN" only mode at high gain if the 1244 is presently in a mode other than "LISTEN" only, or:
  - b) Toggle from High gain to Normal gain and visa/versa if the 1244 is already in the "LISTEN" only mode.
- 5 Stored audio controls (future release).
- 7 Reset no-activity hang up timer.
- 9 Hang up the 1244.

**CAUTION:** IF THERE IS A LOUD, CONTINUOUS BACKGROUND NOISE, SUCH AS A RADIO, THE CENTRAL STATION OPERATOR SHOULD NOT ATTEMPT TO INCREASE THE GAIN OF THE 1244. THIS MAY CAUSE THE SYSTEM TO LOOSE THE ABILITY TO RECOGNIZE THE TONES FROM THE CENTRAL STATION. IF THE MODULE "LOCKS-UP" INTO THE "LISTEN ONLY, HIGH GAIN" MODE, PRESS AND HOLD THE DIGIT 2 FOR A MINIMUM OF FIVE (5) SECONDS. THIS SHOULD UNLOCK THE MODULE. REPEAT IF NECESSARY.

### 6.2 EXTENDING & DISCONNECTING.

The 1244 provides up to nine minutes of two way provided no DTMF digits are pressed. During two way, the module will generate a "beep" once every minute. Upon the fourth and final minute of two way the module will generate a two tone "beep bop" warning the central station that there is only one more minute of two way before the module automatically disconnects. These beeps will be heard at the premise when module is in the "TALK MODE". The central station will always hear these beeps. To reset the listen in shut down time and cause it to start from zero, press and release digit 7 at any time during the two way (before the module disconnects). Additionally, anytime a DTMF command is sent the module will automatically reset the timer. The only time the 7 command need actually be sent is when the module is used in the "LISTEN ONLY" mode for the duration of the call. To shut down the module, press and release digit 9 at any time. Before the module shuts down it will generate a "beep-beep-bop" tone indicating it is disconnecting.

### 6.3 SPEAKER & MIC ZONE CONTROL (MODEL 1410).

The 1244 has provisions for selecting zones when utilizing the Model 1410 Four Zone Expansion Module. This provides the central station with the ability to activate or de-activate any or all speaker and microphone zones.

When the module activates, no zones are active. Zones are toggled ON and OFF. Touch tone command # activates the two digit zone command sequence. For example, to toggle zone one, the command # 0 1 is sent. All zones MUST BE TWO DIGITS means the leading 0 is **mandatory** when selecting zones less than 10!

To turn OFF ALL zones, the command # # is sent. To turn ALL zones ON, the command # \* is sent.

**TABLE 8: TOUCH-TONE® COMMAND SUMMARY.**

TOUCH-TONE® COMMAND	FUNCTION
1	TALK ONLY
2	VOX MODE
3	LISTEN ONLY, HIGH GAIN or TOGGLE
5 n	STORED AUDIO CONTROLS (FUTURE RELEASE)
7	RESET SHUT DOWN TIMER or IGNORE SUBSEQUENT ALARM
9	SHUT DOWN MODULE or ALLOW SUBSEQUENT ALARM TO REPORT
*	ACTIVATE MODULE FROM CALL BACK MODE (DEFAULT)

**TABLE 9: MICROPHONE TOUCH-TONE® COMMAND SUMMARY.**

TOUCH-TONE® COMMAND	FUNCTION
# 0 1 – # 4 8	TOGGLE ZONES 1-48
4 0 1 – 4 4 8	TOGGLE ZONES 1-48
# #	ALL MICROPHONES OFF
# *	ALL MICROPHONES ON

**6.4 ON BOARD SPEAKER/MIC CONNECTION.**

Only one (1) speaker/mic zone exists on the 1244 board itself and it remains active at all times, independent of which zone is selected.

**7.0 OPTIONAL CONNECTIONS.**

**7.1 MODEL 1410 FOUR ZONE EXPANSION MODULE.**

The Model 1410 Four Zone Expansion Module allows the expansion of the 1244 to either four or eight microphone and speaker zones. Each Model 1410 adds four zones. Up to two 1410's can be added (in daisy chain fashion). The first Model 1410 in the chain is connected to the "MODEL 1410" connector (P1) via the cable included with the 1410. Reference the instructions included with the Model 1410 for further details.

**7.2 DIGITALLY STORED AUDIO MODULE.**

When available, Eagle's Digitally Stored Audio Module stores sounds occurring in the premises prior to alarm activation can be connected to the TERMINATOR™ VOX PRO Module via the **AUX BOARD (P5)** connector.

**8.0 NOTES & RETURNS.**

**TECHNICAL SUPPORT HOTLINE: 800.447.E3A2G4L5E**

When using multiple speaker/mics at the subscriber end, be aware that loud background noise picked up by one speaker/mic will "drown out" the other speaker/mic.

**As with all electronic devices, electrostatic discharges can damage the components. Handle the circuit board with care!**

Features and specifications subject to change without notification.

**Use of this equipment may be in violation of local laws. Please verify and obey all local laws. Eagle Security Products, Inc. does not assume any liability for the illegal use of this equipment.**

Trademarks and Registered Trademarks are the property of their respective owners.

**RETURNS:**

**IMPORTANT: COPY, COMPLETE AND RETURN THIS FORM WITH YOUR RETURNS.**

**NOTE: YOU MUST OBTAIN A RMA NUMBER FROM TECH SUPPORT FROM THE FIELD BEFORE RETURNING PRODUCT.**

<b>SECTION 1</b> (TO BE COMPLETED BY DEALER)	DATE ...../...../.....
RMA NUMBER .....	PHONE NO. (.....) .....
DEALER NAME .....	FAX NO. (.....) .....
ADDRESS .....	CONTACT .....
CITY/STATE ..... ZIP .....	
SHIP TO .....	SHIP REPAIRED PRODUCT VIA:
.....	UPS UPS BLUE UPS RED
	YOUR FED-EX # .....

**SECTION 2** (TO BE COMPLETED BY DEALER)

LINE #	PART NUMBER	DESCRIBE PROBLEM	COSMETIC REPAIR (Y/N)
1			
2			
3			

## **9.0 FCC REQUIREMENTS**

1. The Federal Communications Commission (FCC) has established Rules which permit this device to be directly connected to the telephone network. Standardized jacks are used for these connections. This equipment should not be used on party lines or coin lines.
2. If this device is malfunctioning, it may also be causing harm to the telephone network; this device should be disconnected until the source of the problem can be determined and until repair has been made. If this is not done, the telephone company may temporarily disconnect service.
3. The telephone company may make changes in its technical operations and procedures; if such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the changes. You will be advised of your right to file a complaint with the FCC.
4. If the telephone company requests information on what equipment is connected to their lines, inform them of:
  - a. The telephone number this unit is connected to
  - b. The ringer equivalence number
  - c. The USOC jack required
  - d. The FCC Registration number

Items 'b' and 'd' are indicated on the label.

The ringer equivalence (REN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the RENs of all devices on any one line should not exceed five (5.0). If too many devices are attached, they may not ring properly.

5. In the event of equipment malfunction, all repairs should be performed by our Company or an authorized agent. It is the responsibility of users requiring service to report the need for service to our Company or to one of our authorized agents. Service can be obtained at:

Eagle Security Products, Inc.  
11650 Genesee Street Suite #2  
Alden, NY 14004-9630  
SALES: 800.447.E<sub>3</sub>A<sub>2</sub>G<sub>4</sub>L<sub>5</sub>E or 716.937.0095  
FAX: 716.937.3127

**TECHNICAL SUPPORT HOTLINE:  
800.447.E<sub>3</sub>A<sub>2</sub>G<sub>4</sub>L<sub>5</sub>E**

or at your local installation company.

EAGLE SECURITY PRODUCTS FALSE ALARM TERMINATOR™ VOX PRO (Model 1244)  
Complies with Part 68, FCC Rules  
FCC Registration #: 1SYUSA-18688-KX-N  
Ringer Equivalence : 0.0B

### **LIMITED WARRANTY**

Eagle Security Products, Inc. warrants that the products of its manufacture shall be free from defects in materials or workmanship to one year from the date of invoice if such goods have been properly installed, are subject to normal proper use, and have not been modified in any manner whatsoever. Upon return of the defective product to the nearest Eagle Security Products dealer, Eagle Security Products will, at its sole discretion, either repair or replace, at no cost to the customer, such goods as may be of defective material or workmanship. Customers outside the United States are to return products to their distributor for repair.

In addition, any out of the box failure will be replaced at no charge providing the unit has not been altered physically. Alterations include, but not limited to, soldering, the addition of tape / foam tape or any form of physical damage.

EAGLE SECURITY PRODUCTS, INC. SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM LOSS OF PROPERTY OR OTHER DAMAGE OR LOSSES OWING TO THE FAILURE OF EAGLE SECURITY PRODUCTS' PRODUCTS BEYOND THE COST OF REPAIR OR REPLACEMENT OF ANY DEFECTIVE PRODUCTS.

EAGLE SECURITY PRODUCTS, INC. MAKES NO WARRANTY OF FITNESS OR MERCHANTABILITY AND NO OTHER WARRANTY, ORAL OR WRITTEN, EXPRESS OR IMPLIED, BEYOND THE ONE-YEAR WARRANTY EXPRESSLY SPECIFIED HEREIN.