

Provide Reliable and Intelligent Handsfree Communication!

The **E-30** handsfree phone is designed to provide quick and reliable handsfree communication and can be connected directly to a C.O. line or analog PABX/KSU station.



The **E-30** features non-volatile memory, a built in dialer, and intelligent call progress detection for automatic hang-up when the call is completed.



Shown with optional VE-5x5

The **E-30** can be programmed to dial a second number on ring no answer or busy and can be configured to dial these two numbers until answered.



<http://www.vikingelectronics.com>

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Features

- Handsfree operation
- Phone line powered
- Vandal resistant, stainless steel faceplate with heavy duty metal call button
- Non-volatile E² memory (no batteries required)
- Touch Tone or pulse dialing
- Programmable to dial a second number on busy or ring no answer
- LED off-hook indicator
- Hangs up on CPC, silence, busy signal, return to dial tone, time out or a Touch Tone command
- Programmable to auto-answer on incoming calls
- Remotely programmable
- Extended temperature range (-15°F to 130°F)
- Weather resistant
- Rough in box included
- Optional surface mount box available (**VE-5x5**)

Applications

Non-ADA Applications for:

- Elevators
- Parking lots/ramps
- ATM machines
- Lobbies
- Gates and entryways
- Stadiums
- Convention centers

Sales...(715) 386 - 8861

Made in the U.S.A.

Specifications

Power: Telephone line powered (24VDC talk battery w/20mA loop current minimum)

Dimensions: Overall-127mm x 127mm x 57.2mm (5.0" x 5.0" x 2.25") Plastic Electrical Box-102mm x 102mm x 54mm (4" x 4" x 2.12")

Shipping Weight: 1.81 Kg (4 lbs)

Environmental: -26°C to 54°C (-15°F to 130°F) with 5% to 95% non-condensing humidity

Connection: RJ11 jack

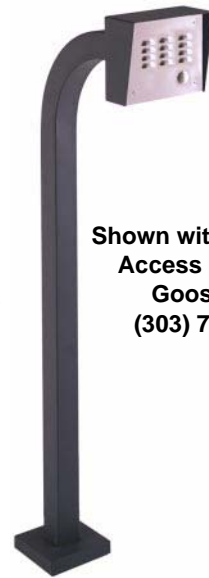
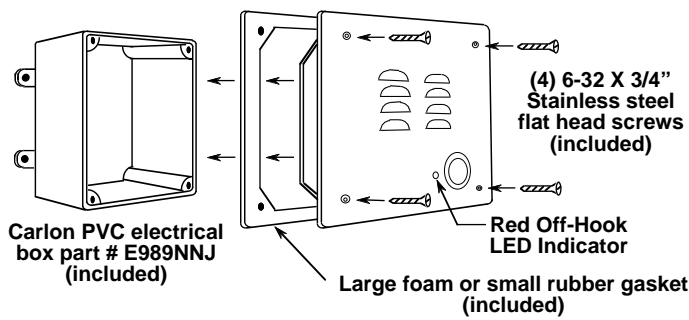
Installation

Caution: When warm air comes in contact with cold surfaces, such as outside walls and conduits, it causes condensation. To prevent condensation from accumulating inside the **E-30** always bring conduit into the bottom of the unit. If this is not possible, drill a 1/4" diameter hole in the bottom of the gray plastic box.

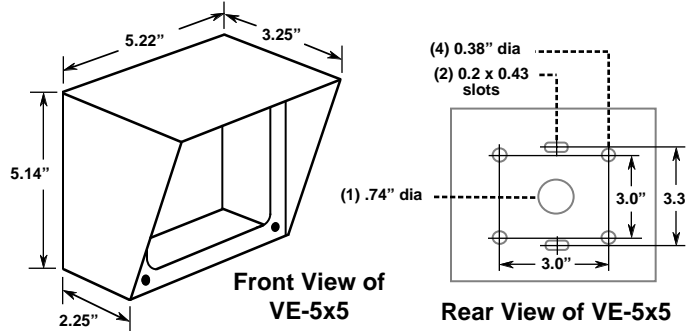
Note: When using the large foam gasket (flush mounting), peel off paper liner and adhere gasket to the back of the faceplate, centering it over the four corner mounting holes. Be careful to position the modular jack inside the chassis as not to damage the components on the circuit board.

Note: The **E-30** will **NOT** mount to a standard double gang box.

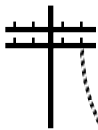
The optional Surface Mount Box (**VE-5x5**) is designed to be surface mounted to a single gang box or pedestal (right). For more information retrieve **Fax Back Document 424**.



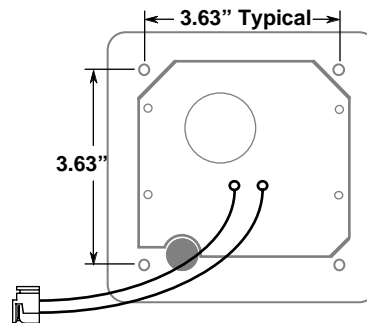
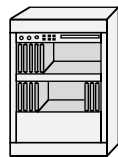
Shown with American Access System's Gooseneck (303) 799-9757



C.O. Line



Analog PABX/KSU station



Programming

A. Accessing the Programming Mode

The **E-30** phone can be programmed from any Touch Tone phone using a C.O. line or analog PABX/KSU station.

1. Using the Security Code

- Move dip switch 2 to the **ON** position (see section F).
- From a Touch Tone phone call the line attached to the **E-30**.
- When the **E-30** answers, enter the 6-digit security code (see section B). A double beep should then be heard indicating you have entered the programming mode.

2. Without a Security Code

- Move dip switch 2 to the **ON** position (see section F).
- Move dip switch 3 to the **OFF** position (see section F).
- From a Touch Tone phone call the line attached to the **E-30**.
- When the **E-30** answers, a double beep will be heard and you will automatically enter the programming mode.

Note: If a valid memory position is stored, a double beep will be heard. Four beeps indicate an error in programming.

Important: After programming, be sure that **Dip Switch 3** is returned to the **ON** position.

B. Security Code (memory location #19)

The security code allows the user/installer to program the **E-30** while dip switch 3 is in the ON (normal) position. The factory set security code is **845464 (V-I-K-I-N-G)**. It is recommended that the factory set security code be changed.

Note: The security code must be 6 digits and can not include a * or #.

C. Primary Speed Dial Number (memory location #00)

The primary speed dial number is the telephone or extension number that is dialed when the **Call** button is first pressed. To program the primary speed dial number, enter the desired telephone number followed by **#00**.

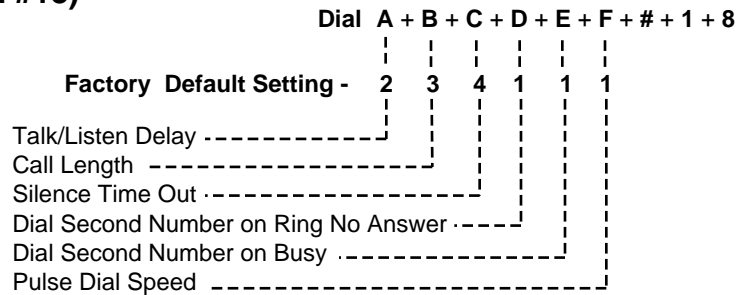
Note: Up to 20 digits can be stored in the primary speed dial position. Special features such as pause, mode change, Touch Tone * and # count as single digits (see section G).

D. Secondary Speed Dial Number (memory location #01)

The secondary speed dial number is the telephone or extension number (up to 20 digits) that is dialed when there is no answer or a busy signal is detected and the second number redial feature is activated. To program the secondary speed dial number, enter the desired telephone number followed by **#01** (see section G).

E. Timing/Dialing Options (memory location #18)

There are six positions in the timing/dialing options. To program these options, enter the six desired timing/dialing digits followed by **#18**. The six available timing/dialing options are defined as shown to the right and below.



Setting A - The Talk/Listen Delay:

This feature selects switching time between talk and listen modes (VOX switching time). Programmable in increments of .1 seconds up to a maximum of .9 seconds (Touch Tones 1-9).

Note: The factory default setting is .2 seconds.

Setting B - The Call Length Time Out:

This feature selects the maximum length of time that calls can be connected. Programmable in increments of 1 minute up to a maximum of 9 minutes (Touch Tones 1-9). Program 0 in this location to disable the maximum call length. The E-30 phone must then rely on a CPC signal, silence, busy signal or return to dial tone to hang up.

Note: The factory default setting is 3 minutes.



Setting C - The Silence Time Out:

This feature selects the length of time that calls will remain connected without voice activity. Programmable in increments of 10 seconds up to a maximum of 90 seconds (Touch Tones 1-9). To disable the maximum silence time out, program a 0 in this location.

Note: The factory default setting is 40 seconds.

Setting D - Dial a Second Number on Ring No Answer:

If enabled and a ring-no answer is detected, the E-30 phone will continue to alternate between the first and second emergency numbers, until a call is completed.

Note: This feature is disabled in the factory default setting.

Setting	Feature
1 or 0	Disabled
2	Dial after 2 rings
3, 4, 5, 6, 7, 8, 9	Dial after # of rings

Setting E - Dial a Second Number on Busy:

If enabled, and a busy signal is detected, the E-30 phone will continue to alternate between the first and second emergency numbers, until a call is completed.

Note: This feature is disabled in the factory default setting.

Setting	Feature
1	Disabled
2	Enabled

Setting F - Pulse Dialing Rate (Pulses Per Second):

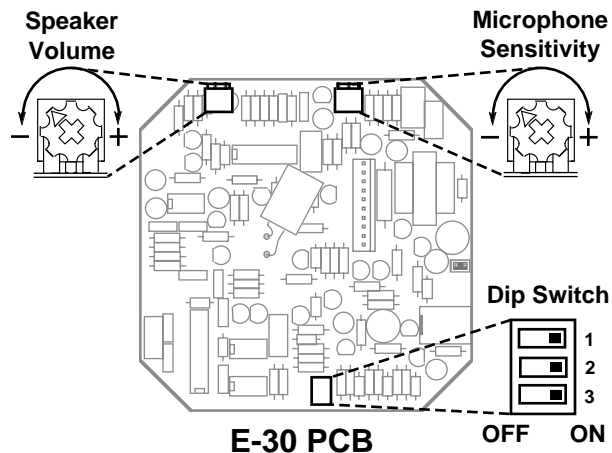
Note: The factory default setting is 10 PPS.

Setting	Feature
1	10 PPS
2	20 PPS

F. Dip Switch Programming/Microphone Adjustment

A POT is provided to increase or decrease the microphone sensitivity. In certain noisy locations the microphone sensitivity may need to be decreased.

Caution: Setting the microphone gain too high may cause distorted audio, prevent the distant party from breaking the speaker over, and inhibit second number redialing.



Dip Switch 1: Front Panel Push Button Switch

- ON** Button alternately connects and disconnects calls
- OFF** Button only connects calls

Dip Switch 2: Incoming Call Select

- ON** Incoming calls are answered
- OFF** Incoming calls are **NOT** answered

Dip Switch 3: Operating Mode

- ON** Normal operation mode
- OFF** Learn mode: An incoming call automatically enters the programming mode (no security code required). Use this option if you have forgotten your security code

Note: The speaker/microphone is controlled by the voice activity of the distant party. Without distant voice activity, the speaker/microphone defaults to the microphone mode.

G. To Program These Features

	Enter Digits	- then -	Memory Location
Primary speed dial number	1 - 20 digits	+	#00
Secondary speed dial number	1 - 20 digits	+	#01
To add a * at any point in the dialing string	**		
To add a # at any point in the dialing string	*#		
To add a four second pause at any point in the dialing string	*7		
Toggle between Touch Tone and Pulse dialing	*6		
Change security code	6 digits (0 - 9)	+	#19



Note: Special features such as a *, a # and a pause, use single digits in the programming memory.

H. Programming Examples

Programming Examples	Enter Digits
... to store 123456 as the security code	1 2 3 4 5 6 # 1 9
... to store 555-1234 as the primary speed dial number	5 5 5 1 2 3 4 # 0 0
... to store a Touch Tone 9, a four second pause then pulse dial 333-4444 in the secondary speed dial memory position	9 * 7 * 6 3 3 3 4 4 4 4 # 0 1

Operation

When the "Call" button is pressed, the E-30 phone goes off-hook, and dials a preprogrammed telephone number. The front panel LED will light any time the phone is off hook. In the event that the line is busy or there is a ring-no answer, the unit can be programmed to call a second number. The phone can then alternate between the two preprogrammed numbers until answered. The E-30 will hang up on CPC, silence, busy signal, return to dial tone, time out or Touch Tone command (#).

Product Support Line...(715) 386-8666

Fax Back Line...(715) 386-4345

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