

VIKING

TECHNICAL Practice

TELECOM SOLUTIONS FOR THE 21ST CENTURY

K-1700-3

**Handsfree Phone
with Keypad**

December 1, 2000

Attractive, Vandal Resistant, Handsfree, Speaker Phone



The **K-1700-3** provides a tough and attractive handsfree phone for apartment and door entry applications.

When the "Call" button is pressed, the **K-1700-3** returns dial tone. The keypad may then be used to dial any number. If no Touch Tone is entered within 8 seconds, CPC is detected or a fast or slow busy signal is detected, the **K-1700-3** will automatically disconnect. Alternatively, the **K-1700-3** may be disconnected

by pressing the "Call" button again.

The **K-1700-3** comes complete with a standard, flush mount, rough-in box (above). In addition, an optional weather resistant, surface mount box is available (right).



Phone...715.386.8861

Features

- **Vandal Resistant Features:** 14 gauge, louvered, stainless steel faceplate with stainless steel speaker/mic screen, heavy duty metal keypad and "Call" button
- **Weather Resistant Features:** faceplate gasket, sealed keypad, mylar speaker with rubber gasket and conformal coated circuit board
- Built-in electronic ringer
- Yellow "in use" indicator LED
- Volume adjustments for microphone, speaker and ringer
- Disconnects on busy, return to dial tone, CPC, silence time out and maximum call time out
- Selectable auto-answer feature
- Zinc plated steel rough-in box with (2) 3/4" conduit knockouts
- Optional **VE-6x7** Surface Mount Box available (**Fax Back # 424**)
- Momentary or continuous Touch Tone output



Applications

- Apartment entry phone when used with the **K-1900-3** Apartment Entry Dialer (**Fax Back # 312**)
- Gate or door entry phone when used with the **C-2000** Door Entry Controller (**Fax Back # 156**)
- Courtesy and customer assistance phone
- Automated teller (ATM) phone
- Security or emergency phone
- Hot-Line phone when used with the **K-1900-5** (**Fax Back Document 317**) Hot-Line Dialer

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Product Support Line...715.386.8666

Fax Back Line...715.386.4345

Specifications

Power: Telephone line powered 20V DC/25mA minimum (28mA minimum with JP1 removed)

Dimensions: Overall - 139.7mm x 165.1mm x 66mm (5.5" x 6.5" x 2.6") , Rough-in box - 114.3mm x 139.7mm x 63.5mm (4.5" x 5.5" x 2.5")

Shipping Weight: 1.6 kg (3.5 lbs)

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

Speaker/Ringer Volume: approximately 70 db maximum @1m

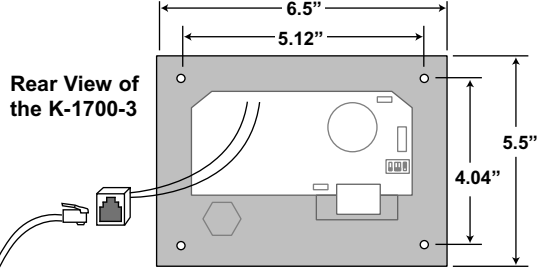
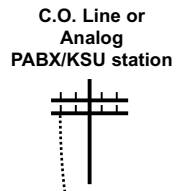
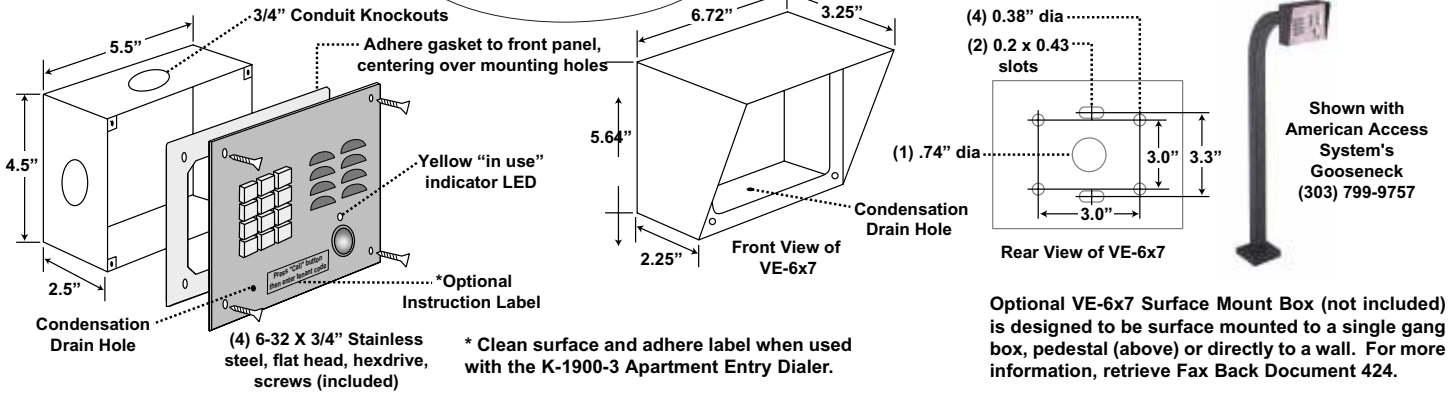
Connections: (1) RJ11 jack

CPC Disconnect Time: 350ms minimum

REN #: 1.0 B

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Installation



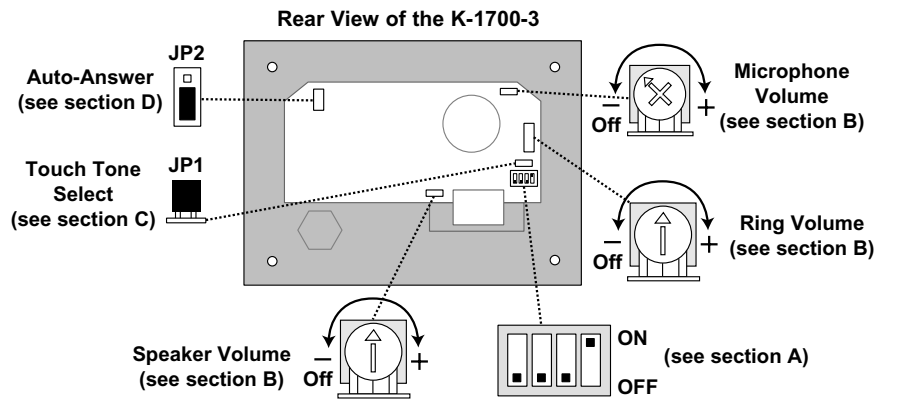
Caution: When multiple line powered products (such as the K-1900-5 AND the K-1700-3) are placed in series, higher talk battery may be required. For more information retrieve Fax Back #512.

Programming

A. Dip Switch Programming

Switch 1	Switch 2	Maximum Call Time
OFF	OFF	Disabled (factory set)
ON	OFF	1 minute
OFF	ON	3 minutes
ON	ON	9 minutes

Switch 3	Switch 4	Disconnect on Silence
OFF	OFF	Off
ON	OFF	10 seconds
OFF	ON	40 seconds (factory set)
ON	ON	90 seconds



B. Volume Adjustments

- Microphone:** Certain noisy locations (background traffic, machinery or wind) may cause one way talk path (only microphone audio is heard). In this case, the microphone volume may need to be decreased as shown above.
- Speaker:** To increase, decrease or turn off the speaker, adjust the speaker volume control as shown above.
- Ringer:** To increase, decrease or turn off the ringer, adjust the ringer volume control as shown above.

C. Momentary or Continuous Touch Tone Output (JP1)

With jumper JP1 in place, the K-1700-3 will output a momentary Touch Tone (125ms) each time a key is pressed. To generate Touch Tones for as long as a key is pressed, remove jumper JP1 as shown above.

D. Auto-Answer Feature (JP2)

With jumper JP2 in the "ON" position (see diagram above), the K-1700-3 will automatically answer the line during the first incoming ring. This feature is useful for monitoring entrances. In the "OFF" position (factory setting), the K-1700-3 will not automatically answer incoming calls.

Due to the dynamic nature of the product design, the information contained in this document is subject to change without notice. Viking Electronics, and its affiliates and/or subsidiaries assume no responsibility for errors and omissions contained in this information. Revisions of this document or new editions of it may be issued to incorporate such changes.