



APPLICATION Note

TELECOM SOLUTIONS FOR THE 21ST CENTURY

Use the C-1000B as a Line Concentrator or to Control 3 Door Boxes

January 6, 2005

Using the C-1000B as a Line Concentrator or using the C-1000B with 3 Door Boxes and no C.O. line.



Model C-1000B

Need More Information on the C-1000B? Call (715) 386-4345 and select 168.

The C-1000B can be used as a line concentrator, allowing up to 3 separate C.O. lines to connect to one telcom device. See Installation Section A.

The C-1000B can also be used to control up to 3 doorboxes and 3 door strikes without a C.O. line. See Installation Section B.

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Installation

A. Line Concentrator Mode (One Telcom Device Can Answer up to Three Lines)

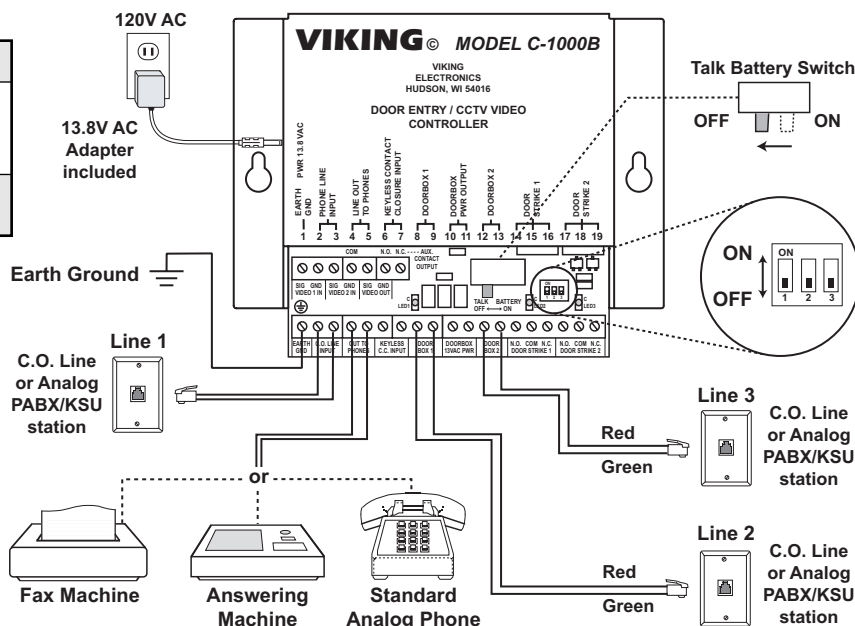
The C-1000B can be used as a line concentrator, allowing up to 3 separate C.O. lines to connect to one telcom device.

Step 1.	Connect as shown to the right.
Step 2.	Move DIP switch 3 to the OFF position. See the C-1000B Technical Practice, Programming section E.
Step 3.	Be sure the "Talk Battery Switch" is set to OFF .

Line Concentrator Operation

The first ringing line will ring to the "LINE OUT TO PHONES" terminals 4 & 5 on the C-1000B. On outbound calls, the C-1000B will default to the primary line (line connected to the "PHONE LINE INPUT" terminals 2 & 3). To access the lines connected to "DOORBOX 1" terminals or "DOORBOX 2" terminals, simply enter Touch Tones "#1" or "#2" respectively.

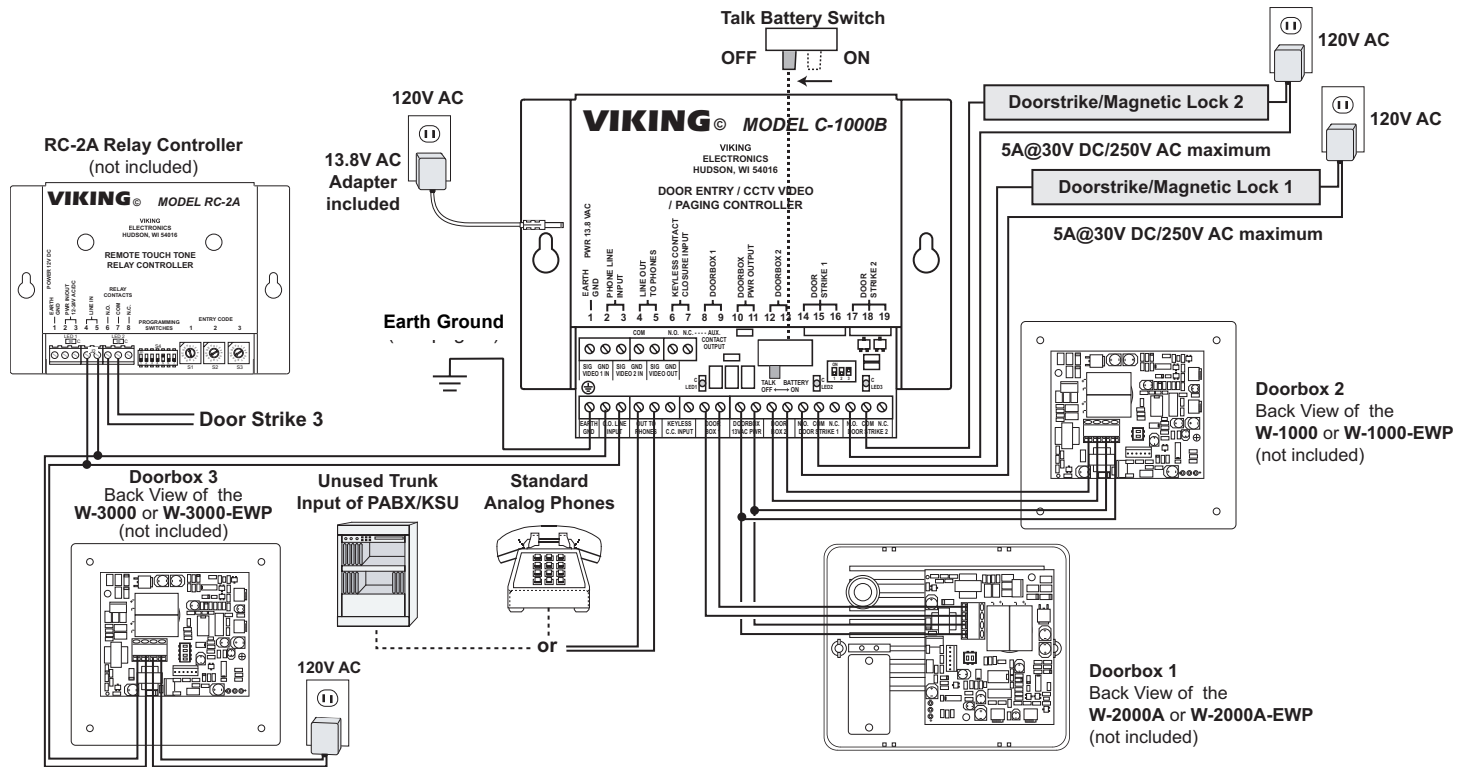
Note: DIP switch 3 must be in the OFF position.



B. Using the C-1000B with Three Doorboxes and No C.O. Line

The **C-1000B** can be used to control up to 3 doorboxes. If door/gate control is needed for Doorbox 3, the **C-1000B** must be used in combination with the **RC-2A Remote Controller (Fax Back Document 160)**. In the configuration, the **RC-2A** is connected in parallel with doorbox 3 to provide an additional relay contact. See the **C-1000B Technical Practice, Operation**, section **A**.

Note: Doorbox 3 will not have Touch Tone dialing restriction (security). Be sure to program the **RC-2A** and the **C-1000B** with different security codes.



Product Support Line...715.386.8666

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