

TECHNICAL

Practice

TELECOM SOLUTIONS FOR THE 21ST CENTURY

W-200

Door Communication System

August 1, 2001

Talk to Visitors at Your Door... Even if You're on the Phone!



When used in combination with an existing doorbell, the **W-200** provides safe and reliable handsfree two way communication through your existing residential

phones. In addition, the **W-200** can also be configured to work with business telephone systems.

If the door bell sounds, even when you are on the phone,

enter a Touch Tone command to communicate with the visitor at the door. Calls may be disconnected or placed on "hold" and reconnected after the conversation with the speaker box.

Features -

- Works in combination with existing doorbell
- Integrates easily with residential and business phone systems
- "Hold" feature allows communication with the speaker box while a phone call is in progress
- Microphone volume adjustment for background noise
- Electronics mount indoors
- Provides 15 volt talk battery
- Only two wires required to speaker box

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Applications

- Communicate handsfree with doors or gates
- Commercial, industrial and residential security applications
- Gas station fuel island communication
- Provide communication with delivery and employee entrances

Phone...715.386.8861

Specifications

Power: 120V AC/12V DC, 500mA UL listed adapter provided

Talk Battery: 15V DC

Dimensions: Controller: 120mm x 70mm x 35mm (4.75" x 2.75" x 1.38"), Speaker Box: 140mm x 115mm x 38mm (5.5" x 4.5" x 1.5")

Weight: .75 Kg (1.5 lbs.)

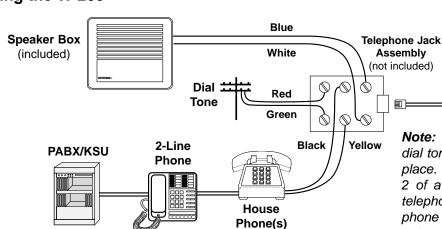
Environmental: Controller: 0°C to 32°C (32°F to 90°F) with 5% to 95% non-condensing humidity, Speaker Box: -26°C to 54°C (-15°F to 130°F)

Connections: 6 wire modular cord (included)

Maximum Run: 500 feet to speaker box (24 gauge twisted)

Installation

A. Wiring the W-200

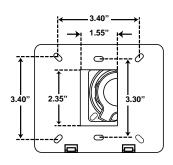


Note: The **W-200** may also be used without a dial tone source. Jumper JP1 must be left in place. When the doorbell sounds, access line 2 of a two-line phone, pick up a dedicated telephone or access that line on a KSU/PABX phone system. Touch Tone commands are not needed to communicate with a doorbox.

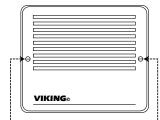
W-200

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B. Mounting the W-200

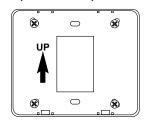


Front view of the Speaker Box



To open the speaker box, remove the two screws from the cover.

Back panel of the Speaker Box

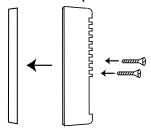


Mount back panel to a wall, a single gang box or a 4"x4" junction box with the arrow pointing up.

Side view of the Speaker Box

120V AC

Adapter (included)



Attach the cover to the base with the two included screws as shown.

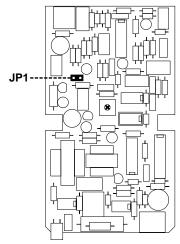
Programming

A. Accessing Dial Tone

To gain access to C.O. dial tone, dial a Touch Tone "9", then follow the operating examples below. When using private dial tone, remove JP1 shunt (see diagram to the right). Note: Disconnect power and modular cord prior to removing the cover of the W-200. Phones will instantly have dial tone for making calls. Follow the Operating Examples, in the table below, for speaker box access.

Operating Examples	Enter Digits
To access the speaker box (disconnects the call in progress)	⊁9 or #9
To place the call on hold and the speaker box	⊁0 or #0
To return a call placed on hold	★ or #

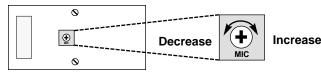
Internal View of the W-200



B. Microphone Volume

In certain noisy locations the microphone sensitivity may need to be decreased. A pot is provided on the bottom of the **W-200** to increase (clockwise) or decrease (counterclockwise) the microphone sensitivity. **Note:** The POT comes factory set to the middle position.

Bottom View of the W-200



Product Support Line...715.386.8666

Fax Back Line...715.386.4345

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