

Fanvil X210i

Fanvil X210i Paging Console Phone User Manual

Model: X210i

1. INTRODUCTION

The Fanvil X210i is a visualization paging console phone designed for industrial and office environments. It features a gooseneck microphone and supports HD hands-free calling. This device integrates intelligent programmable DSS buttons for enhanced communication efficiency, allowing for one-click call functions. Compatible with the standard SIP protocol, the X210i can function as a monitoring center or a primary communication device for office managers, facilitating external and internal calls, two-way intercom, monitoring, and broadcasting. This manual provides essential information for the proper setup, operation, and maintenance of your Fanvil X210i.

2. PRODUCT OVERVIEW

The Fanvil X210i combines advanced telephony features with a user-friendly interface. Key components include a main color display, side color displays for DSS keys, a gooseneck microphone, and a numeric keypad.



Figure 1: Front view of the Fanvil X210i Paging Console Phone, showing the main display, side DSS key displays, gooseneck microphone, and handset.

Key Features:

- 20 SIP lines for extensive communication capabilities.
- Support for 3-way conference calls.
- HD audio on both speakerphone and handset for clear communication.
- Movable type directional external gooseneck microphone for flexible positioning.
- 4.3-inch main color display for primary information and navigation.
- Two 3.5-inch side color displays dedicated to DSS (Direct Station Selection) keys.
- Built-in Bluetooth for wireless connectivity.
- Dual-port Gigabit Ethernet for high-speed network connectivity.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Fanvil X210i Paging Console Phone unit
- Handset
- Handset cord
- Gooseneck Microphone
- Ethernet cable

- Stand
- Quick Installation Guide
- **Note:** A power adapter is not included and must be purchased separately if Power over Ethernet (PoE) is not used.

4. SETUP AND INSTALLATION

4.1 Physical Connections

1. **Attach the Stand:** Securely attach the phone stand to the back of the main unit.
2. **Connect the Handset:** Plug one end of the coiled handset cord into the handset and the other end into the handset port on the phone base.
3. **Connect the Gooseneck Microphone:** Insert the gooseneck microphone into its dedicated port on the top of the phone unit. Ensure it is firmly seated.
4. **Connect to Network:**
 - Connect one end of the Ethernet cable to the LAN port on the phone and the other end to a network switch or router.
 - If connecting a PC, use the PC port on the phone to connect to your computer.
5. **Connect Power (if not using PoE):** If your network switch does not provide Power over Ethernet (PoE), connect a compatible power adapter (not included) to the power port on the phone and then to a power outlet.



Figure 2: Side view of the Fanvil X210i, illustrating the gooseneck microphone and the phone's ergonomic design.

4.2 Initial Boot-up

Once powered on, the phone will initiate its boot-up sequence. The main display will show the Fanvil logo and then proceed to load the operating system. This process may take a few minutes. After successful boot-up, the phone will attempt to obtain an IP address and register with your SIP server.

5. OPERATING INSTRUCTIONS

5.1 Making and Receiving Calls

- **To Make a Call:**
 - a. Pick up the handset, press the speakerphone button, or press a line key.
 - b. Dial the desired number using the keypad.
 - c. Press the **Dial** soft key or wait for the call to connect automatically.
- **To Answer a Call:**
 - a. Pick up the handset, press the speakerphone button, or press the flashing line key.
- **To End a Call:** Hang up the handset or press the **End Call** soft key.

5.2 Using DSS Keys

The two 3.5-inch side color displays are dedicated to DSS (Direct Station Selection) keys. These keys can be programmed for various functions such as speed dial, busy lamp field (BLF), intercom, paging, and more. Consult your system administrator for specific programming details.

- **One-Click Call:** Press a programmed DSS key to instantly dial a contact or initiate a specific function.
- **Paging/Broadcasting:** Utilize programmed DSS keys for quick access to paging or broadcasting functions across designated zones.

5.3 Gooseneck Microphone

The movable gooseneck microphone provides clear voice pickup for hands-free communication, especially useful for paging and conference calls. Adjust its position for optimal audio quality.

5.4 Bluetooth Connectivity

The built-in Bluetooth allows you to connect compatible wireless headsets for hands-free operation. Access the Bluetooth settings through the phone's menu to pair devices.

1. Navigate to **Menu > Basic > Bluetooth**.
2. Enable Bluetooth and search for available devices.
3. Select your headset from the list and follow the on-screen prompts to pair.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Fanvil X210i.

- **Cleaning:** Use a soft, dry cloth to clean the phone's surfaces. For stubborn marks, a slightly damp cloth with mild, non-abrasive cleaner can be used. Avoid excessive moisture.
- **Avoid Liquids:** Do not expose the phone to water or other liquids.
- **Temperature:** Operate and store the phone within recommended temperature ranges to prevent damage.
- **Cable Management:** Ensure all cables are neatly arranged and not under strain to prevent damage to ports or cables.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Fanvil X210i.

- **No Power:**
 - Check if the Ethernet cable is properly connected to a PoE-enabled port or if the power adapter (if used) is securely plugged into the phone and a working power outlet.
 - Verify the power outlet is functional.
- **No Dial Tone/Cannot Make Calls:**
 - Ensure the phone is registered with the SIP server (check the display for registration status).
 - Verify network connectivity.
 - Contact your system administrator to confirm SIP account settings.
- **Poor Audio Quality:**
 - Adjust the gooseneck microphone position.
 - Check network connection for stability.
 - Ensure no obstructions are near the microphone or speaker.
- **DSS Keys Not Functioning:**
 - Confirm that the DSS keys have been properly programmed by your system administrator.

If issues persist, consult your system administrator or Fanvil technical support.

8. SPECIFICATIONS

Feature	Detail
Model Number	X210i
Brand	Fanvil
SIP Lines	20
Main Display	4.3-inch Color Display
DSS Key Displays	Two 3.5-inch Side Color Displays
Microphone	Movable Gooseneck Microphone
Ethernet Ports	Dual-Port Gigabit Ethernet
Bluetooth	Built-in
Conference Call Capability	3-way
Caller Identification	Yes
Telephone Type	Corded
Power Source	Corded Electric (Power Adapter Not Included)
Item Weight	4 pounds (1.81 kg)
Package Dimensions	12.95 x 12.64 x 2.95 inches (32.9 x 32.1 x 7.5 cm)

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your authorized Fanvil reseller. Technical support can be obtained through your reseller or by visiting the official Fanvil website for support resources and contact details.

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