

INTRODUCTION

This configuration guide explains how to configure the **Fanvil X303W** desk phone to register and operate with **Your PBX Platform v7.3**. It covers physical installation, manual configuration, auto provisioning, and BLF setup.

FIRMWARE 2.12.17.7**PBX 7.3****POE READY**

REQUIREMENTS

Identifying the Phone Model

Check the label on the **back of the phone** for the exact model. Different Fanvil models can have significantly different requirements and installation procedures — confirm you are working with an **X303W** before proceeding.

Phone Firmware

- Ensure the phone is loaded with firmware version **2.12.17.7**.
- To verify, browse to the phone's IP address (example: **http://192.168.1.22**) and log in. Factory defaults — username: **admin**, password: **admin**.



DHCP Server

A fully configured and operational DHCP server is required on the network.

PBX Version

Your PBX Platform version **7.3**. To verify the version:

- Log in to the PBX web administration interface.
- Navigate to **Settings > About**.
- The **Release** value on the About page denotes the current PBX version.

INSTALLATION

This section describes how to connect the phone to power and the data network, and how to restore factory settings.

Power Adapter

- Connect the DC plug on the power adapter to the DC port on the phone, then plug the adapter into an electrical outlet.
- Connect an Ethernet cable between the **Internet** port on the phone and a network port on your router or switch.

Power over Ethernet (PoE)

- Using a standard Ethernet cable, the phone can be powered directly from a PoE-compliant router or switch — connect the cable between the phone's **Internet** port and an available in-line power port.

NOTE: When using PoE, the AC adapter is not required. Verify that the Ethernet cable and the router/switch are PoE compliant.

Find the Phone's IP Address

- Press the **Menu** key on the phone.
- Go to **Status** and press **OK**.
- The IP address is shown on the display.

Reset to Factory Settings

Not required for brand-new phones — **mandatory** for any previously used phone.

- Browse to the phone IP address (example: **http://192.168.1.22**) and log in (factory defaults: **admin / admin**).
- Click the **Configurations** tab, then click **Reset Phone**.
- Click the **Reset** button — the phone resets to factory settings and reboots.
- Allow time for the device to reboot.

NOTE: Do not unplug or remove power from the phone while it is updating firmware or configuration.

MANUAL CONFIGURATION

UAD Settings

- Browse to the PBX IP address (example: **http://192.168.1.10**) and log in with your e-mail address and password.
- Navigate to **Settings > UAD** and confirm the Fanvil UAD is enabled — click the **Edit** icon for the Fanvil phone to check.
- Set **Status = Active**, **Auto provisioning = No**, **DHCP = Yes**, then click **Save**.

Creating an Extension

- Navigate to **Extensions** and click **Add Extension**.
- Select the Fanvil phone model from the **UAD** select box.
- Select Location: **Local** (extensions registered on the LAN) or **Remote** (extensions registered from remote networks, WAN, Internet, etc.), then click **Next step**.

REQUIRED FIELDS

Name

Name for the new extension. Example: **John Smith**

E-mail



REGISTERING THE PHONE — HOSTNAME OR IP ADDRESS

- Browse to the phone IP address (example: **http://192.168.1.22**) and log in (factory defaults: **admin / admin**).
- Click **Line** in the left navigation menu and enter the following details.

REQUIRED FIELDS

Username

PBX extension number. Example: **1003**

Authentication Name

Usually the same number as the Phone Number.

Authentication Password

The Secret of the extension, as received in the e-mail associated with the extension. Example: **_%Z4M3*Ts9y7**.

A password is generated automatically for each newly created extension.

Activate

Make sure the **Activate** check box is selected.

SIP Proxy Server Address

Hostname or IP address of the PBX. Example: **pbx.yourdomain.com** or **192.168.1.10**

Click the **Apply** button.

VERIFY: If everything is configured as described, the phone is now registered. Dial ***123** to verify registration.

AUTO PROVISIONING

UAD Settings

- Log in to the PBX web administration interface and navigate to **Settings > UAD**.
- Confirm the Fanvil UAD is enabled, then set **Status = Active**, **Auto provisioning = Yes**, **DHCP = Yes**, and click **Save**.

Creating an Extension

- Navigate to **Extensions > Add Extension**, select the Fanvil model from the **UAD** box, choose **Local** or **Remote**, and click **Next step**.

REQUIRED FIELDS

Name

Example: **John Smith**

E-mail

Receives all system notifications. Example: **john.smith@yourdomain.com**

Auto Provisioning

Set to **Yes**.

MAC Address

Fanvil phone MAC address, found on the back of the phone. Example: **0C383E123456**

Click **Save** when finished.

REGISTERING THE PHONE — HTTP, HTTPS OR TFTP

- Browse to the phone IP address (e.g. **http://192.168.1.22**), enter the username and password (factory defaults: **admin / admin**), and press the **Confirm** button.
- Click **Auto Provision** in the navigation tab.
- Enter your Auto Provisioning username and password into the **Authentication Name** and **Authentication Password** fields.

IMPORTANT: Make sure the **Download CommonConfig enabled** check box is **NOT** selected.

- Click **Static Provisioning Server**.
- Choose the **Protocol Type** you intend to use: **HTTP**, **HTTPS**, or **Trivial FTP**.

NOTE: HTTP is the recommended method.

HTTP / HTTPS — Server Address

Enter the hostname or IP address, followed by **/prov**.

Hostname example: **pbx.yourdomain.com/prov**

IP address example: **192.168.1.10/prov**

TFTP — Server Address

Enter the hostname or IP address only.

Hostname example: **pbx.yourdomain.com**

IP address example: **192.168.1.10**

- Make sure the **Update Mode** is set to **Update After Reboot**.
- Click the **Apply** button.
- Click **Autoprovision now**, then click the **Autoprovision now** button.
- A pop-up window appears — click **OK** to confirm.
- Wait a few seconds for the configuration to update.

NOTE: Do not power off the phone during this process. Auto provisioning starts during the phone's reboot — the phone picks up its configuration file from the PBX. Dial ***123** to verify registration.

CONFIGURING BLF (BUSY LAMP FIELD)

Extension Settings

- Log in to the PBX web administration interface.
- On the **Extensions** page, click the **Edit** icon for your extension.
- Click **Advanced Options** and navigate down to the **Auto Provisioning and Presence** group of settings.
- Make sure **Auto Provisioning** is set to **Yes** and **Presence** is set to **Yes**, then click **Save**.
- Click **Enhanced Services**, check **Directory / BLF List**, and click **Save** to enable the feature.
- Click the Directory / BLF List **Edit** button, enter the user extension number, check the **BLF** box, and click **Save**.

Phone Settings

- Browse to the phone IP address (example: **http://192.168.1.22**) and log in (factory defaults: **admin / admin**).
- Click the **Function Key** link in the left navigation menu.
- Configure 1 to 3 DSS Keys from the list:

Type

Select **Memory Key**.

Value

Enter the user extension. Example: **1005**

- Click **Confirm** to save changes.