

OVERVIEW & REQUIREMENTS

This guide walks through configuring the **ReadyNet AC1100MSF** VoIP router to register with **the mywlpbx Elite platform** — from installation through manual configuration and auto provisioning (DHCP, TFTP).



ReadyNet AC1100MSF VoIP router

IDENTIFYING YOUR DEVICE MODEL

The exact model information is printed on the back of each ReadyNet device. Models can have significantly different requirements and installation procedures — confirm you have the **AC1100MSF** before starting, or the setup may not complete successfully.

BEFORE YOU BEGIN

- **Device model** — Confirm the exact model on the back of the device
- **Firmware** — Version 3.20, checked via the phone's web interface
- **DHCP** — A fully configured, operational DHCP server

CHECK DEVICE FIRMWARE

- 1 Browse to the device's IP, e.g. `http://192.168.1.22`
- 2 Log in (factory default: `admin` / `pz938q11msf`) — the firmware version is shown in the web interface
- 3 The firmware version is shown in the phone's web administration interface

FIND DEVICE IP ADDRESS

- 1 Lift the handset and dial `****`, then choose **1** and **2**
- 2 The IP address is recited over the handset

CHECK PBX VERSION

- 1 Log in to the mywlpbx Elite platform, navigate to **Settings > About**

```
Edition: Multi-Tenant, Release: 7.4 (251dc1c5), Running:
18.15.0-gc-ab72ab93, Proxy v7 (2a5ca81), API: 6
```

INSTALLATION

OPTION A – POWER ADAPTER

- 1 Connect the DC plug on the power adapter to the DC port on the phone, and the other end into an electrical outlet
- 2 Connect an Ethernet cable between the Internet port on the phone and a network port on your router or switch

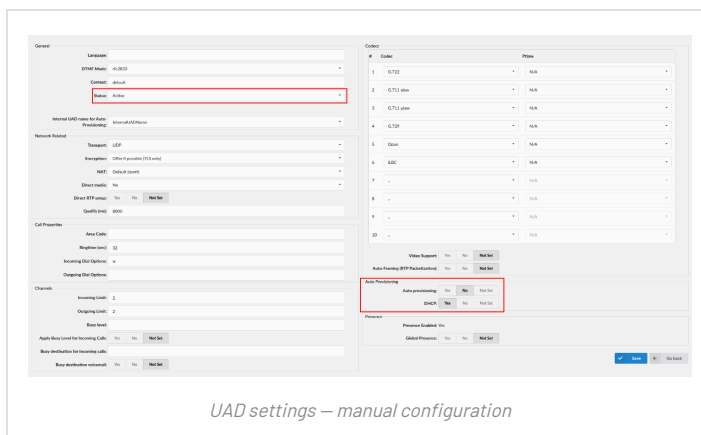
OPTION B – POWER OVER ETHERNET (POE)

- 1 Connect an Ethernet cable between the Internet port on the phone and an available port on a PoE-compliant router or switch

NOTE: If using PoE, you do not need the AC adapter. Ensure the Ethernet cable and router/switch are PoE compliant.

MANUAL CONFIGURATION – UAD SETTINGS

- 1 Browse to the mywlpbx Elite platform, e.g. `http://192.168.1.10`, and log in with your e-mail address and password
- 2 Navigate to **Settings > UAD**
- 3 Make sure the ReadyNet AC1100MSF UAD is enabled – click the **Edit** icon for the ReadyNet AC1100MSF
- 4 Set **Status** = **Active**, **Auto provisioning** = **No**, **DHCP** = **Yes**
- 5 Click **Save**



RESET TO FACTORY SETTINGS

Not required for brand-new phones – but a must for any phone previously used.

- 1 Browse to the device's IP, e.g. `http://192.168.1.22`
- 2 Press and hold the reset button on the back of the device for 10 seconds
- 3 All changes are wiped – the device resets to factory defaults and reboots automatically
- 4 Wait for the device to finish rebooting before continuing

WARNING: Do not unplug or remove power while the phone is updating firmware or configuration.

CREATE THE EXTENSION

Local is for extensions registered on the LAN; **Remote** is for extensions registered from remote networks, WAN, Internet, etc.

REQUIRED EXTENSION FIELDS

- **Name** — e.g. John Smith
- **E-mail** — e.g. john.smith@yourdomain.com (receives all system notifications)
- **Department** — e.g. Sales

Click **Save**.

REGISTER THE PHONE

- 1 Browse to the device's IP, e.g. `http://192.168.1.22`
- 2 Log in (`admin` / `pz938q11msf`) and click the **FXS1** tab in the top navigation menu
- 3 **Proxy Server** (Proxy and Registration) – the PBX hostname or IP, e.g. `voip.yourdomain.com`
- 4 **Display name / Account / Phone Number** (Subscriber Information) – the Extension name and number, e.g. John Smith / `1003`
- 5 **Password** – the extension Secret (generated automatically for each new extension)
- 6 Click **Save & Apply**
- 7 The device registers to the PBX automatically
- 8 Dial `*123` from a connected handset to verify
- 9 Dial `*123` to verify the registration.

Extension > SDR

General

Extension Number: 3301 ✓

Name: John Doe ✓

Email: john.doe@com ✓

Department Admin: No ✓

PIR Based Detection: FSD-POL: 72774 ✓

Authentication

Username: SDR ✓

Password: sdrcn/5Cm9P0754 ✓

User Password: sdrcn/5Cm9P0754 ✓

SDRs Expiry Time: Phone select ✓

SDR Miss Notification Time: Phone select ✓

SDR Enabled: No ✓

PIN: 6875 ✓

Rating

Call Rating: No ✓

Skill Rating: No ✓

Service Plan: Phone select ✓

Area Extension: No ✓

Numbered Relation: No ✓

Permissions

☒ Distribution

☒ Enhanced Services

☒ Configure & Manage

Auto Provisioning

Auto provisioning: ☒ Yes ✓

PIN: 6875 ✓

Creating the extension

AUTO PROVISIONING

1 UAD SETTINGS

- 1 Log in to the mywlpbx Elite platform, navigate to **Settings > UAD**
- 2 Click **Edit** for the ReadyNet AC1100MSF, set **Status** = **Active**, **Auto provisioning** = **Yes**, **DHCP** = **Yes**, click **Save**

2 CREATE THE EXTENSION

- 1 **Extensions > Add Extension** > **UAD** = ReadyNet AC1100MSF, **Location** = Local or Remote > **Next step**

REQUIRED EXTENSION FIELDS

- **Name** — e.g. John Smith
- **E-mail** — e.g. john.smith@yourdomain.com
- **Auto Provisioning** — set to Yes
- **MAC Address** — from the back of the device, e.g. 0002FDFF1536

Click **Save**.

SERVER ADDRESS FORMATS

- **TFTP** — `tftp://voip.yourdomain.com/$MA.conf`
- **DHCP** — option 66 (auto, on first boot)

HTTP is the recommended protocol type.

3 REGISTER VIA DHCP OR TFTP

- 1 Browse to the device's IP, log in (`admin / pz938q11msf`) and click **Administration > Provision**
- 2 With DHCP option 66, provisioning is automatic on first boot — otherwise use TFTP below
- 3 Enter the server address into the **Profile Rule** field, including `tftp://` prefix and `$MA.conf` (see formats at left)
- 4 Make sure **Option 66** is **DISABLED** when using a static TFTP address
- 5 Click **Save & Apply**, then **Reboot**
- 6 Provisioning runs during the reboot — the phone picks up its configuration file from the PBX
- 7 Wait a couple of seconds for the configuration to update — **do not power off the phone**. The phone picks up its configuration from the PBX during the reboot. Dial `*123` to verify.

UAD settings — auto provisioning

Extension with auto provisioning

ADDITIONAL TEMPLATE & SUMMARY

ADDITIONAL CONFIGURATION TEMPLATE

To include additional UAD configuration for the ReadyNet AC1100MSF, add fields to the **User Agent General Auto Provisioning Template** under **Settings > UAD > ReadyNet AC1100MSF** — or add them directly to a single extension in its **UAD Auto Provisioning Template** section.



ReadyNet AC1100MSF VoIP router

PROVISIONING SUMMARY

After successful registration via any method, dial ***123** to verify. If registration fails:

- Verify the UAD is **Active** with the correct provisioning setting
- For auto provisioning: confirm the MAC address matches
- Confirm the phone can reach the PBX on the network
- Re-check the **Profile Rule** address and credentials

FACTORY DEFAULTS AT A GLANCE

- **Web login** — admin / pz938q11msf
- **Firmware** — 3.20
- **Registration check** — dial *123
- **Provisioning path** — \$MA.conf via TFTP
- **Recommended method** — DHCP option 66