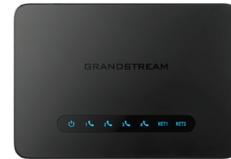**Manuals+** — User Manuals Simplified.

GRANDSTREAM HT814 V2 Analog Telephone Adapter

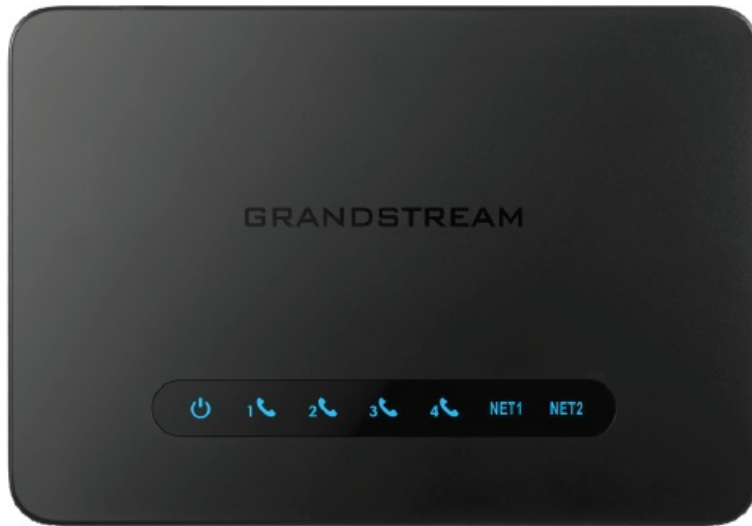# GRANDSTREAM HT814 V2 Analog Telephone Adapter Installation Guide

Contents

GRANDSTREAM HT814 V2 Analog Telephone Adapter

Specifications

- Manufacturer: Grandstream Networks, Inc.
- Model: HT814 V2
- Type: Analog Telephone Adapter
- Power Requirement: 12V

Product Usage Instructions

Precautions
Before using the HT814 V2, please read the precautions in the user manual to ensure safe and proper usage of the device.

Overview
The HT814 V2 is an Analog Telephone Adapter designed to connect analog phones or fax machines to a VoIP network for voice communication.

Package Contents

- 1 x HT814 V2 device
- 1 x 12V power adapter
- 1 x Ethernet Cable
- 1 x Quick Installation Guide

Connecting the HT814 V2

Using NET1 Port

1. Connect an analog telephone to an FXS port using an RJ11 telephone cable.
2. Connect the NET1 port to a router, switch, or modem using an Ethernet cable.
3. Plug in the power adapter and connect it to a power outlet.
4. Wait for the Power, NET1, and FXS LEDs to light up solidly indicating readiness.

Using NET2 Port

1. Connect an analog telephone to an FXS port using an RJ11 telephone cable.
2. Connect a computer or switch to the NET2 port using an Ethernet cable.
3. Plug in the power adapter and connect it to a power outlet.
4. Wait for the Power, NET2, and FXS LEDs to light up solidly indicating readiness.

Configuring the HT814 V2

The HT814 V2 can be configured through the embedded Web GUI using a PC's web browser or through the IVR voice prompt menu. Refer to the user manual for detailed configuration instructions.

FAQ

- **Q: Can the HT814 V2 be used to contact emergency services?**
  - A: No, the HT814 V2 does not provide connections to emergency services. Users are advised to make alternative arrangements for accessing emergency services.
- **Q: How can I reset the HT814 V2 to factory default settings?**
  - A: Press and hold the Factory Reset button on the device for 7 seconds to reset it to factory default settings.

The HT814 V2 is not pre-configured to support or make emergency calls to any type of hospital, law enforcement agency, medical care unit ("Emergency Service(s)") or any other kind of Emergency Service. You must make additional arrangements to access Emergency Services. It is your re-sponsibility to purchase SIP-compliant Internet telephone service, properly configure the HT814 V2 to use that ser-vice, and periodically test your configuration to confirm that it works as you expect. It is also your responsibility to pur-chase traditional wireless or landline telephone services to access Emergency Services.

GRANDSTREAM DOES NOT PROVIDE CONNECTIONS TO EMERGENCY SERVICES VIA THE HT814 V2. NEI-THER GRANDSTREAM NOR ITS OFFICES, EMPLOY-EES OR AFFILIATES MAY BE HELD LIABLE FOR ANY CLAIM, DAMAGE, OR LOSS, AND YOU HEREBY WAIVE ANY AND ALL SUCH CLAIMS OR CAUSES OF ACTION ARISING FROM OR RELATING TO YOUR INABILITY TO USE THE HT814 V2 TO CONTACT EMERGENCY SER-VICES, AND YOUR FAILURE TO MAKE ADDITIONAL AR-RANGEMENTS TO ACCESS EMERGENCY SERVICES IN ACCORDANCE WITH THE IMMEDIATELY PRECEDING PARAGRAPH.

The GNU GPL license terms are incorporated into the de-vice firmware and can be accessed via the Web user inter-face of the device at my_device_ip/gpl_license. It can also be accessed here:
http://www.grandstream.com/legal/open-source-software

To obtain a CD with GPL source code information please submit a written request to **info@grandstream.com**

PRECAUTIONS

- Do not attempt to open, disassemble, or modify the device.
- Do not expose this device to temperatures outside range of -10 °C to +55 °C.
- Do not expose the HT814 V2 to environments outside of the following humidity range: 10-90% RH (non-condensing).
- Do NOT power cycle the HT814 V2 during system boot up or firmware upgrade. You may corrupt firmware images and cause the unit to malfunction.
- Use only the power adapter included in the HT814 V2 package. Using an alternative non-qualified power

adapter may possibly damage the unit.

OVERVIEW

The HT814 V2 is a 4 port analog telephone adapter (ATA) that allows users to create a high-quality and manageable IP telephony solution for residential and office environments. Its ultra-compact size, voice quality, advanced VoIP functionality, security protection and auto provisioning options enable users to take advantage of VoIP on analog phones and enables service providers to offer high quality IP service. The HT814 V2 is an ideal ATA for individual use and for large scale commercial IP voice deployments.
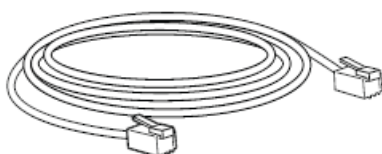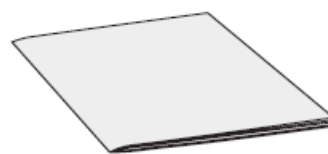
PACKAGE CONTENTS

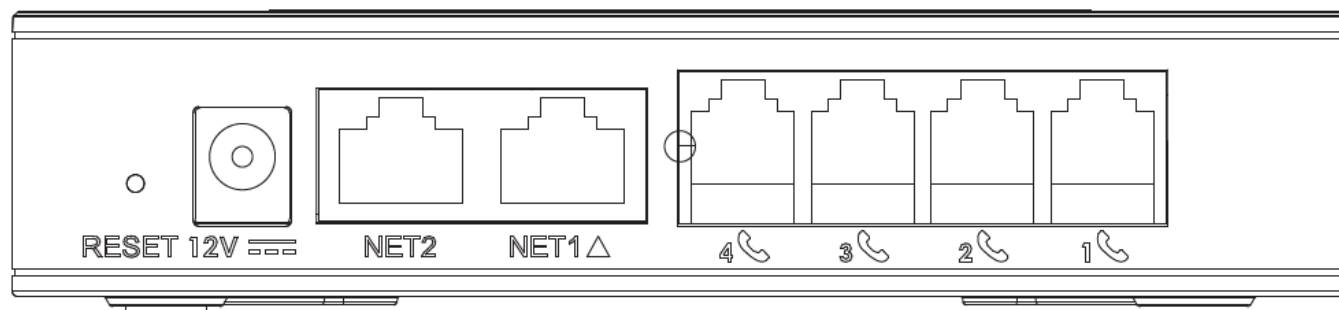1 x HT814 V2

1 x 12V power adapter

1 x Ethernet Cable

1 x Quick Installation Guide

HT814 V2 PORTS

RESET 12V ⎓   NET2   NET1△   4☏   3☏   2☏   1☏

Port	Description
12V ===	Power socket. Used to power HT814 V2 (12V)
NET1 △	NET1 port. Can be configured as LAN or WAN port on the HT814 V2. By default, it is considered a WAN port.
NET2	NET2 port. Can be configured as LAN or WAN port on the HT814 V2. By default, it is considered a LAN port.
1 ☎ --- 4 ☎	FXS ports to connect analog phones / fax machines to HT814 V2 using RJ11 telephone cable.
RESET	Factory reset button. Press for 7 seconds to reset to factory default settings.

CONNECTING THE HT814 V2

The HT814 V2 can be connected via NET1 port or NET2 port, by default, NET1 is WAN (DHCP Client) and NET2 is LAN (DHCP Server):

Connecting the HT814 V2 Using NET1 port:

1. Insert a standard RJ11 telephone cable into an FXS port and connect the other end of the telephone cable to a standard touch-tone analog telephone.
2. Connect the NET1 port of the HT814 V2 to a router, switch or modem using an Ethernet cable.
3. Insert the power adapter into the HT814 V2 and connect it to a wall outlet (make sure to respect the technical specifications of the power adapter used).
4. The Power, NET1 and FXS LEDs will be solidly lit when the HT814 V2 is ready for use.

Connecting the HT814 V2 Using NET2 port:

1. Insert a standard RJ11 telephone cable into an FXS port and connect the other end of the telephone cable to a standard touch-tone analog telephone.
2. Connect a computer or switch to the NET2 port of the HT814 V2 using an Ethernet Cable.
3. Insert the power adapter into the HT814 V2 and connect it to a wall outlet and make sure to respect the technical specifications of the power adapter used.
4. The Power, NET2 and FXS LEDs will be solidly lit when the HT814 V2 is ready for use.

CONFIGURING THE HT814 V2

The HT814 V2 can be configured either using the embedded Web GUI using PC's web browser or through the IVR voice prompt menu.

Configure via IVR Menu
Please refer to the steps bellow to access the interactive voice response menu:

1. Use a telephone connected to one of the phone ports of your HT814 V2.
2. Press *** (press the star key three times) to access the IVR menu and wait until you hear "Enter the menu option ".
3. Follow IVR Menu options to configure the HT814 V2. Move to next option by pressing * or press # to go to main menu.

Note:
Users can obtain the IP address by accessing the IVR Menu and pressing 02.

Configure using Web UI

1. Connect the computer to the same network as your HT814 V2 and make sure the HT814 V2 is booted up.
2. You may check your HT814 V2 IP address by accessing the IVR Menu and pressing 02 on the connected phone.
3. Open the Web browser on your computer.
4. Enter HT814 V2's IP address in the address bar of the browser.
5. Enter the administrator's password to access the Web Configuration Menu (The default admin password is printed on the sticker located on the back of the unit).

Note:
The computer must be connected to the same sub-network as the HT814 V2. This can be easily done by connecting the computer to the same hub or switch as the HT814 V2.

Please refer to online documents and FAQ for more detailed information: **http://www.grandstream.com/our-products**

FCC

U.S. FCC Part 15 Regulatory Information
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Canada Regulatory Information
CAN ICES-003 (B)/NMB-003(B)
This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.
Le présent product est conforme aux specifications techniques applicables d'Innovation, Sciences et Développement économique Canada.

EU Regulatory Information
Hereby, [Grandstream Networks, Inc.] declares that the radio equipment type [HT814 V2] is in compliance with Directive 2014/30/EU Directive 2001/95/EC.

The full text of the EU declaration of conformity is available at the following internet address:
http://www.grandstream.com

- Grandstream Networks, Inc.
- 126 Brookline Ave, 3rd Floor
- Boston, MA 02215. USA
- Tel : +1 (617) 566 – 9300
- **www.grandstream.com**
- EU Agent:
- Picus Advisors Ltd
- Taivalmaki 9F1-02200 Espoo, FINLAND
- **https://www.picus.fi**

Note: For European Union only

For Certification, Warranty and RMA information, please visit **www.grandstream.com**

Documents / Resources

	GRANDSTREAM HT814 V2 Analog Telephone Adapter [pdf] Installation Guide HT814 V2 Analog Telephone Adapter, HT814 V2, Analog Telephone Adapter, Telephone Adapter, Adapter

References

- ⊙ **Grandstream Networks - Networking & Unified Communications**
- ⊙ **Products | Grandstream Networks**
- ⊙ **Picus is your market entry advisor.**
- **User Manual**