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GRANDSTREAM HT812 V2 Analog Telephone Adapter Installation Guide

Contents

GRANDSTREAM HT812 V2 Analog Telephone Adapter

FAQs

- **Q: Is an emergency service connection available through the HT812 V2?**
  - A: No, the HT812 V2 does not provide connections to emergency services. It is recommended to make additional arrangements for accessing emergency services.
- **Q: How can I reset the HT812 V2 to factory default settings?**
  - A: Press and hold the factory reset button for 7 seconds to reset the device to factory default settings.

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 HT812 V2 to environments outside of the following humidity range: 10-90% RH (non-condensing).
- Do NOT power cycle the HT812 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 HT812 V2 package. Using an alternative non-qualified power adapter may possibly damage the unit.

OVERVIEW

The HT812 V2 is a 2 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 HT812 V2 is an ideal ATA for individual use and for large scale commercial IP voice deployments.
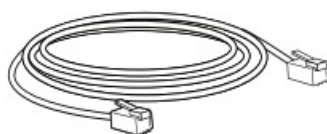
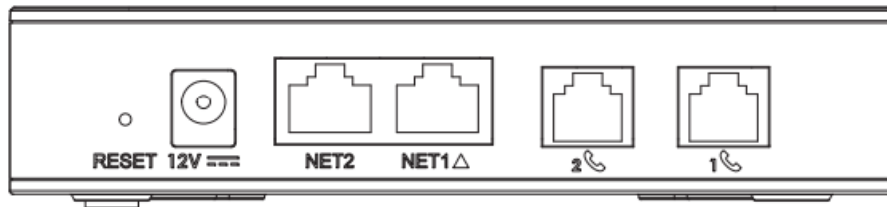## PACKAGE CONTENTS

1 x HT812 V2

1 x 12V power adapter

1 x Ethernet Cable

1 x Quick Installation Guide

HT812 V2 PORTS

Port	Description
12V ===	Power socket. Used to power HT812 V2 (12V)
NET1△	NET1 port. Can be configured as LAN or WAN port on the HT812 V2. By default, it is considered a WAN port.
NET2	NET2 port. Can be configured as LAN or WAN port on the HT812 V2. By default, it is considered a LAN port.
1 📞 2 📞	FXS ports to connect analog phones / fax machines to HT812 V2 using RJ11 telephone cable.
RESET	Factory reset button. Press for 7 seconds to reset to factory default settings.

CONNECTING THE HT812 V2

The HT812 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 HT812 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 HT812 V2 to a router, switch or modem using an Ethernet cable.
3. Insert the power adapter into the HT812 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 HT812 V2 is ready for use.

Connecting the HT812 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 HT812 V2 using an Ethernet Cable.
3. Insert the power adapter into the HT812 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 HT812 V2 is ready for use.

CONFIGURING

CONFIGURING THE HT812 V2

The HT812 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 phone 1 or phone 2 ports of your HT812 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 HT812 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 HT812 V2 and make sure the HT812 V2 is booted up.
2. You may check your HT812 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 HT812 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 HT812 V2. This can be easily done by connecting the computer to the same hub or switch as the HT812 V2.

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 the 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 produit est conforme aux spécifications techniques applicables d'Innovation, Sciences et Développement économique Canada.

EU Regulatory Information

Hereby, [Grandstream Networks, Inc.] declares that the radio equipment type [HT812 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**.

MORE INFORMATION

The HT812 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 responsibility to purchase San IP-compliant Internet telephone service, properly configure the HT812 V2 to use that service, 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 HT812 V2. NEI-THER GRANDSTREAM NOR ITS OFFICES, EMPLOYEES 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 HT812 V2 TO CONTACT EMERGENCY SERVICES, 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 device firmware and can be accessed via the Web user interface 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**
- Please refer to online documents and FAQ for more detailed information: **http://www.grandstream.com/our-products**

Documents / Resources

	GRANDSTREAM HT812 V2 Analog Telephone Adapter [pdf] Installation Guide HT812 V2 Analog Telephone Adapter, HT812 V2, Analog Telephone Adapter, Telephone Adapter, Adapter

References

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