



HT841
Analog VoIP
Gateway



GRANDSTREAM HT841 Analog VoIP Gateway Installation Guide

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GRANDSTREAM HT841 Analog VoIP Gateway



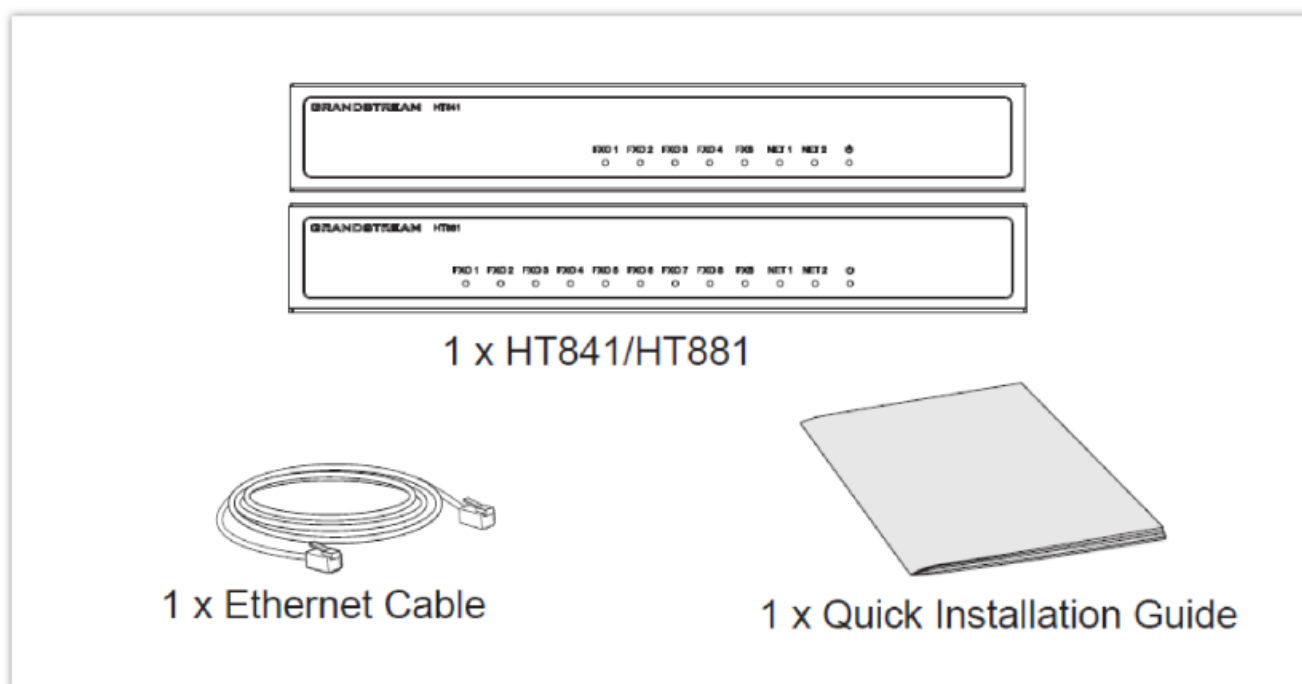
OVERVIEW

The HT841/HT881 Analog VoIP Gateway series is an easy-to-set-up IP communications solution that is suitable for small enterprises, as well as those with virtual and branch locations, who wish to benefit from their broadband network or integrate new IP technology with their existing phone system. This series of enterprise analog VoIP gateway can convert SIP/RTP IP calls into conventional PSTN calls, and it is available in two models, the HT841 and HT881, with 4 and 8 FXO ports, respectively. Both models share the same installation process.

Precautions

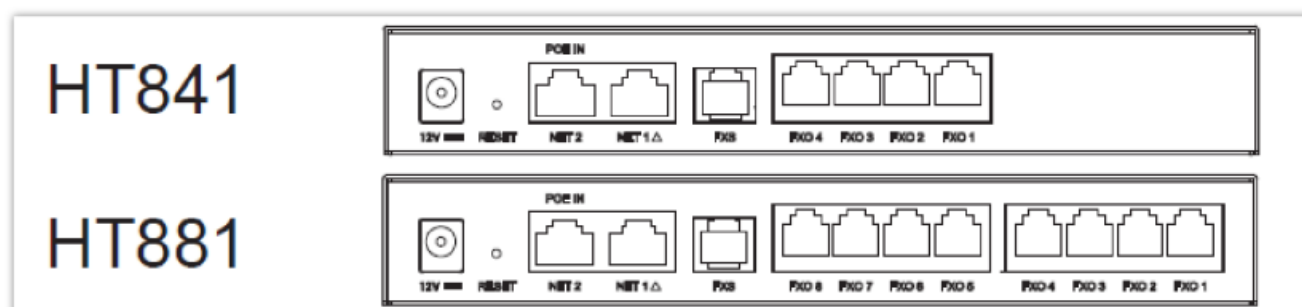
- Do not attempt to open, disassemble, or modify the device.
- Do not use a third party power adapter.
- Do not expose this device to temperatures outside range of 0 °C to +40 °C (in operation) and -10 °C to +60 °C (in storage).
- Do not expose the HT841/HT881 to environments outside of the following humidity range: 10-90% RH (non-condensing).
- Do NOT power cycle the HT841/HT881 during system boot up or firm-ware upgrade. You may corrupt firmware images and cause the unit to malfunction.



PACKAGE CONTENTS



Package Content


HT841/HT881 PORTS



Port	Description
12V 	Power socket. Used to power HT841/HT881 (12V – 0.5A)
NET 2	Network NET2 port. Connects the HT841/881 to your PC or switch using an Ethernet RJ45 network cable.
NET 1 	Network NET1 port. Connects the HT841/881 to your router or switch using an Ethernet RJ45 network cable.
POE IN	PoE supported port.
FXS	FXS port to connect analog phone / fax machine to HT841/HT881 using RJ11 telephone cable.
FXO 1...8	FXO ports to be connected to physical PSTN line from a traditional PSTN PBX or PSTN Central Office. HT841 supports 4 FXO ports and HT881 supports 8 FXO Ports.
RESET	Factory reset button. Press for 7 seconds to reset to factory default settings. Quick press will only reboot the unit.

PORTS DESCRIPTION

Note

- HT841/HT881 supports switching the working mode of NET1 and NET2 on the WebUser interface.
- The presence of the Triangle Icon  alongside the NET1 port indicates that, by default, NET1 serves as the WAN port.

CONNECTING THE HT8 41/HT881

The HT841/HT881 can be connected either via NET 1 port (DHCP client) or via NET 2 port(DHCP Server):

Connecting the HT841/HT881 using NET 1 port

1. Insert a standard RJ11 telephone cable into the FXS port and connect the other end of the telephone cable to a standard touch-tone analog telephone.
2. Connect the NET 1 port of the HT841/HT881 to a router, switch, or modem using an Ethernet cable.
3. Insert the power adapter into the HT841/HT881 connect it to a wall outlet and make sure to respect the technical specifications of the power adapter used.
4. Power, NET 1, FXO and FXS LED will be solidly lit when the HT841/HT881 is ready for use.

Connecting the HT841/HT881 using NET 2 Port

1. Insert a standard RJ11 telephone cable into the 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 NET 2 port of the HT841/HT881 using an Ethernet Cable.
3. Insert the power adapter into the HT841/HT881 connect it to a wall outlet and make sure to respect the technical specifications of the power adapter used. If the PoE switch is used in step 2, this step could be skipped.
4. Power, NET 2 and FXS, and FXO LED will be solidly lit when the HT841/HT881 is ready for use.

CONFIGURING THE HT841/HT881

Configure via IVR Menu

1. Use an analog telephone connected to the FXS port of your HT841/HT881.
2. Press *** (press the star key three times) to access the IVR menu and wait until you hear "Enter the menu option".
3. Follow the IVR Menu options to confirm your HT841/HT881. Move to the next option by pressing * or press # to go to the main menu.

Note: To obtain IP address, press 02, and the current IP address will be announced.

Configure using Web UI

1. Connect the computer to the same network as your HT841/HT881 and make sure the HT841/HT881 is booted up.
2. You may check your HT841/HT881 IP address using the IVR on the connected phone.
3. Open the Web browser on your computer.
4. Enter the HT841/HT881's IP address in the address bar of the browser.
5. Enter the administrator's password to access the Web Configuration Menu.(By default the admin password is found on a sticker on the back of the unit).

FCC STATEMENT

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 to 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.

CAN ICES-003(B) / NMB-003(B)

If trouble is experienced with this equipment, please contact (Agent in the US): Company Name: Grandstream Networks, Inc.

- **Address:** 126 Brookline Ave, 3rd Floor Boston, MA 02215, USA
- **Tel:** 1-617-5669300
- **Fax:** 1-617-2491987


Refer to online documents and FAQ for more detailed information: <http://www.grandstream.com/our-products>
For Certification, Warranty, and RMA information, please visit www.grandstream.com Please download the user manual and FAQ for more detailed configuration instructions: <https://www.grandstream.com/our-products>

Need Support?

Can't Find the answer you're looking for? Don't worry we're here to help!

- <https://documentation.grandstream.com/knowledge-base/ht841-ht881-quick-installation-guide/>

Documents / Resources

	<p>GRANDSTREAM HT841 Analog VoIP Gateway [pdf] Installation Guide HT841, HT841 Analog VoIP Gateway, Analog VoIP Gateway, VoIP Gateway, Gateway</p>
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References

- [Grandstream Networks - Networking & Unified Communications](#)
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- [Home - Documentation Center](#)
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- [HT841/HT881 - Documentation Center](#)
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- [Articles - Documentation Center](#)
- [HT841/HT881 - Quick Installation Guide - Documentation Center](#)
- documentation.grandstream.com/knowledge-base/ht841-ht881-quick-installation-guide/?hkb-redirect&nonce=dc297fbaa2&check=4i9iu&redirect=helpdesk.grandstream.com&otype=ht_kb_article&oid:documentation.grandstream.com/wp-content/uploads/2023/09/2023-09-08_13-00-31.png
- documentation.grandstream.com/wp-content/uploads/2023/09/2023-09-08_13-01-57.png
- [Grandstream Networks - Networking & Unified Communications](#)

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