# Provisioning and Setup of Grandstream HT801 or HT802 ATA

The Grandstream HT801 and HT802 are analog telephone adaptor (ATA) with 1 or 2 Foreign Exchange Subscriber (FXS) ports for connecting an analog phone to your NocTel Talk Host VoIP system.

Outbound and Ext to Ext Dialing

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- When making an outbound call from the analog device connected to the Grandstream HT802 you must dial your NocTel account exit code + the 10 digit phon number.
- Direct extension to extensions dialing does not require the exit code.
- Dialing emergency service (911): dial 911 no exit code is needed.

### Add a Grandstream Extension

- 1. In the NocTel portal, click Extensions > Add a new Extension.
- 2. In the Grandstream section and click add device.

S Grandstream
Supported Grandstream Devices: • HT802
Add Device

- 3. On the Grandstream Device Provisioning page complete the following field in step 3:
  - a. Device MAC: the phone's 12-digit MAC address. The MAC address can be found on the bottom of the device.
  - b. Ext. #: Give the extension a distinct extension number not currently in use in your account.
  - c. Line: For all standard applications, leave as 1st
  - d. Extension Name: Enter a descriptive name for the extension.

3. Enter the MAC Address, desired extension number, line number, and name for each of your new Grandstream devices here:				
Device MAC	Ext. #	Line	Extension Name (Typically a Room or Employee Name)	
		1st	▼	

4. Click Submit.

## Finding the Grandstream ATA's IP Address

- 1. Connect the Grandstream to power using the included Micro USB power adaptor.
- 2. Connect the Grandstream to an active network connection in the blue Internet port.
- 3. Connect an analog phone to Phone 1 port.
- 4. On the connected phone, dial \*\*\*

5. When prompted for a menu option, dial 02. Take note of the IP address provided.



NOTE: the above image shows the HT802 model. The HT801 has only one FXS port.

# Accessing the Grandsteam's Web Interface and Provisioning

- Navigate to the IP address for the ATA.
   Login using username: admin and password: admin

Grandstream Device Configuration
Username admin Password
Login All Rights Reserved Grandstream Networks, Inc. 2006-2022

3. Click the Advanced Settings tab at the top of the page.

4. Locate the Firmware Upgrade and Provisioning section. In the Config Server Path field, enter: noctel.com

Grandstream Device Configuration					
STATU	S BASIC SETTINGS	ADVANCED S	ETTINGS	FXS PORT1 FXS PORT2	
New Admin Password:	security protection.)		(Must cont	tain 4-30 characters. Purposely not disj	played for
Confirm Admin Password:					
Disable User Level Web Access:	● No O Yes				
Disable Viewer Level Web Access:	No O Yes				
Enable strict password rules:	🖲 No 🛛 Yes				
Minimum password length:	7 (Range 4-30, d	lefault 8)			
Required number of character classes:	0 (Range 0-4, de	fault 3)			
Allowed Character classes:	Lower case 4 (default 7)	Upper case	Number 2	s 🔲 Special Characters	
Layer 2 QoS:	802.1Q/VLAN Tag SIP 802.1p RTP 802.1p	0 (0-409 0 (0-7) 0 (0-7)	94)		
Black List for WAN Side Port:					
STUN server is:			(URI or	IP:port)	
Keep-alive Interval:	20 (in second	ls, default 20 se	econds)		
Use STUN to detect network connectivity:	● No ○ Yes, total STUN	response miss	es 3 to	restart DHCP (mininum=3)	
Use DNS to detect network connectivity:	No O Yes				
Use ARP to detect network connectivity:	O No 🔍 Yes				
Verify host when using HTTPS:	🔍 No 🛛 Yes				
Firmware Upgrade and Provisioning:	Upgrade Via O T Firmware Server Config Server I	FFTP OHT er Path: noctel. Path: noctel.cor	TTP I com/provisio n	HTTPS OFTP OFTPS	

Click Apply at the bottom of the page.
 Click the Advanced Settings tab to return to the page, scroll to the bottom and click Reboot. *The device will provision automatically; the process can take several minutes before the extension shows as online in the control panel.*

# Grandstream ATA LED Pattern Description

LED Lights	Status					
Power LED	The Power LED lights up when the HT801/HT802 is powered on and it flashes when the HT801/HT802 is booting up.					
Internet LED	The Ethernet LED lights up when the HT801/HT802 is connected to your network through the Ethernet port, and it flashes when there is data being sent or received.					
Phone LED for HT801	<ul> <li>The phone LED 1 &amp; 2 indicates status of the respective FXS Ports-phone on the back panel</li> <li>OFF - Unregistered</li> <li>ON (Solid Blue) - Registered and Available</li> <li>Blinking every second - Off-Hook / Busy</li> <li>Slow blinking - FXS LEDs indicates voicemail</li> </ul>					

## **Factory Resetting a Grandstream ATA**

To reset default factory settings using the reset button please follow the steps above:

1. Unplug the Ethernet cable.

- 2. Locate the reset hole on the back panel of your HT801/HT802.
- 3. Insert a pin in this hole and press for about 7 seconds.
- 4. Take out the pin. All unit settings are restored to factory settings.

Reset default factory settings using the IVR prompt:

- 1. Dial \*\*\* for the voice prompt.
- Enter 99 and wait for the "reset" voice prompt.
   Enter the encoded MAC address (Look below for how to encode the MAC address).
- 4. Wait 15 seconds and the device will automatically reboot and restore factory settings.

Encode the MAC Address:

1. Locate the MAC address of the device. It is the 12-digit HEX number on the bottom of the unit.

2. Key in the MAC address. Use the following mapping:

Key	Mapping
0*9	0-9
A	22 (press the "2" key twice, and "A" will show on the LCD)
в	222
С	22222
D	33 (press the "3" key twice, and "D" will show on the LCD)
Е	333
F	3333

For example: if the MAC address is 000b8200e395, it should be keyed in as "0002228200333395".

Reset from Web Interface (Reset Type):

- 1. Access your HT801/HT802 UI by entering its IP address in your favorite browser. 2. Enter your admin password (default: admin).
- 3. Press Login to access your settings.
- 4. Go to Basic Settings >> Reset Type.

5. Press the Reset button (after selecting the reset type):

- Full Reset: This will make a full reset.
- ISP Data: This will reset only the basic settings, like IP mode, PPPoE, and Web port.
- VOIP Data: This will reset only the data related to a service provider like SIP server, sip user ID, provisioning and others.
- Factory Reset will be disabled if the "Lock keypad update" is set to "Yes".
- If the HT801/HT802 was previously locked by your local service provider, pressing the RESET button will only restart the unit. The device will
  not return to factory default settings.

### **Grandstream Documentation**

Device	Document
HT801	Data Sheet (HT801)
HT802	Data Sheet (HT802)
HT801/HT802	User Guide
HT801/HT802	Admin Guide

### **Related articles**

- Provisioning and Setup of Grandstream HT801 or HT802 ATA
- Provisioning a Grandstream WP820 Wi-Fi Phone
- Provisioning a Yealink W76P Wireless Phone
- Provisioning a Polycom Phone
- Provisioning a Panasonic KX-TGP500/600