



# Partner Marketing Kit



**HT801**

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# Product Messaging

## HT801

<b>Tagline</b>	An easy-to-use, 1-port ATA
<b>Subhead</b>	Packed with rich functionalities and new compact design
<b>Product Description</b>	<p>The HT801 is a single 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 a uto provisioning options enable users to take advantage of VoIP on analog phones. It also allows service providers to offer high quality IP service to their market. The HT801 is an ideal ATA for individual use as well as commercial IP voice deployments worldwide.</p>

# HT801 Datasheets



## An easy-to-use 1 port ATA HT801

The HT801 is a single 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. It also allows service providers to offer high quality IP service to their market. The HT801 is an ideal ATA for individual use as well as commercial IP voice deployments worldwide.



Supports 1 SIP profile through a single FXS port and a single 10/100Mbps port



TLS and SRTP security encryption technology to protect calls and accounts



Automated provisioning options include TR-069 and XML config files



Supports 3-way voice conferencing



Failover SIP server automatically switches to secondary server if main server loses connection



Supports T.38 Fax for creating Fax-over-IP



Supports a wide range of caller ID formats



Use with Grandstream's UCM series of IP PBXs for Zero Configuration provisioning



Supports advanced telephony features, including call transfer, call forward, call-waiting, do not disturb, message waiting indication, multi-language prompts, flexible dial plan and more

Interfaces	
<b>Telephone Interfaces</b>	One (1) FXS port
<b>Network Interfaces</b>	One (1) 10/100Mbps auto-sensing ethernet port (RJ45)
<b>LED Indicators</b>	POWER, INTERNET, PHONE
<b>Factory Reset Button</b>	Yes
Voice, Fax, Modem	
<b>Telephony Features</b>	Caller ID display or block, call waiting, flash, blind or attended transfer, forward, hold, do not disturb, 3-way conference
<b>Voice Codescs</b>	G.711 with Annex I (PLC) and Annex II (VAD/CNG), G.722, G.723.1, G.729A/B, G.726, ILBC, OPUS, dynamic jitter buffer, advanced line echo cancellation
<b>Fax Over IP</b>	T.38 compliant Group 3 Fax Relay up to 14.4kpbs and auto-switch to G.711 for Fax Pass-through
<b>Short/Long Haul Ring Load</b>	5 REN: Up to 1km on 24 AWG
<b>Caller ID</b>	Belcore Type 1 & 2, ETSI, BT, NTT, and DTMF-based CID
<b>Disconnect Methods</b>	Busy Tone, Polarity Reversal/Wink, Loop Current
<b>Signaling</b>	
<b>Network Protocols</b>	TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, SSH, STUN, SIP (RFC3261), SIP over TCP/TLS, SRTP, TR-069
<b>QoS</b>	Layer 2 (802.1Q VLAN, SIP/RTCP 802.1p) and Layer 3 (ToS, DiffServ, MPLS)
<b>DTMF Method</b>	In-audio, RFC2833 and/or SIP INFO
<b>Provisioning and Control</b>	HTTP, HTTPS, SSH, TFTP, TR-069, secure and automated provisioning using AES encryption, syslog
Security	
<b>Media</b>	SRTP
<b>Control</b>	TLS/SIPS/HTTPS
<b>Management</b>	Syslog support, SSH, remote management using web browser
Physical	
<b>Universal Power Supply</b>	Input: 100-240VAC, 50-60Hz Output: 5.0VDC/1.0A
<b>Environmental</b>	Operational: 32° - 104°F or 0° - 40°C Storage: 14° - 140°F or -10° - 60°C Humidity: 10 - 90% Non-condensing
<b>Dimension and Weight</b>	Dimensions: 100mm x 100mm x 29.5mm Weight: 102 g
<b>Compliance</b>	FCC: Part15B CE: EN55032, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1 RCM: AS/NZS CISPR22, AS/NZS 60950-1, 5003 K:21

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## Translations

[English](#)

[French](#)

[German](#)

[Italian](#)

[Polish](#)

[Portuguese](#)

[Russian](#)

[Spanish](#)

# Marketing Assets

## 1. Product Images

- [HT801 Front](#)
- [HT801 Right](#)
- [HT801 Front Angle](#)
- [HT801 Back](#)



HT801 Front



HT801 Right



HT801 Front Angle



HT801 Back

## 2. HT801 Feature icons

- [1-Line](#)
- [3-Way Conferencing](#)
- [Auto-provisioning](#)
- [Advanced Telephony](#)
- [Security](#)
- [Failover](#)
- [Fax-Over-IP](#)
- [Zero-Config](#)
- [Caller-ID](#)



Security



1 Line



3-way conferencing



Auto Provisioning



Advanced telephony



Failover



Fax-over-IP



Zero Config



Caller ID

# Sales Tools

- [HT Sell Sheet](#)
- [HT800 vs Poly Comparison Chart](#)
- [HT800 vs Cisco Comparison Chart](#)
- [HT Animated Video](#)



## About the HT & GXW Series

If you need to integrate analog devices, PSTN lines or legacy systems with a VoIP network, Grandstream's HT and GXW series' are exactly what you need. Our HT series of Analog Telephone Adapters (ATAs) allows users to extend VoIP service to any analog device, such as a phone or fax machine. The GXW series of VoIP Gateways allows entire legacy phone systems or PSTN trunks to be integrated with VoIP networks.

## Product Positioning

Grandstream provides every device needed to integrate analog devices or platforms with VoIP solutions. We are the world's leading provider of Analog Telephone Adapters (ATAs) and our HT series has been trusted by some of the world's largest service providers and deployed millions of times. The GXW series of VoIP Gateways shares the same trusted, tested and reliable technology as the HT series with support for larger amounts of lines and devices.

## Competitive Features

- TLS & SRTP encryption technology to protect calls and accounts
- Automated provisioning options including TR069 and XML config files
- Built-in failover offers a backup in case of service outage
- T.38 support for reliable fax-over-IP
- Supports a wide-range of caller ID formats
- Supports advanced VoIP features

	HT801	HT802	HT812	HT813	HT814	HT818	GXW4104/4108	GXW4216/4224/4248
Telephone Interfaces	1 FXS	2 FXS	2 FXS	1 FXS, 1 FPD	4 FXS	8 FXS	GXW4104: 4 FXS ports, GXW4108: 8 FXS ports	16x2x2 FPD ports (GXW4216) - 36pin Telco Connectors
Network Interfaces	1 10/100Mbps port			2 10/100/1000 Mbps ports			2 10/100Mbps ports	1 10/100/1000Mbps port
SIP Profiles				2			2 SIP profiles (1 per port)	4 SIP profiles (1 per port)
Fax over IP						Yes, T.38 Fax		
Security			SIPS/TLS, SRTP, HTTPS, AES				SRTP, HTTPS	SIPS/TLS, SRTP, HTTPS, AES
Provisioning			HTTP, HTTPS, TFTP, TR-069				HTTP, HTTPS, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069
NAT Router	No			Yes			No	No



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	HT802	HT812	SP112	SP122
Telephone Interfaces	Two FXS Ports	Two FXS Ports	Two FXS Ports	Two FXS Ports
Network Interfaces	One 10/100Mbps Port	Two 10/100/1000Mbps Ports	One 10/100 Mbps Port	Two 10/100 Mbps Ports
SIP Profiles	Two	Two	Two	Two
Fax Over IP	Yes, T.38 Fax	Yes, T.38 Fax	Yes, T.38 Fax	Yes, T.38 Fax
Security	SIPS/TLS, SRTP, HTTPS, AES	SIPS/TLS, SRTP, HTTPS, AES	SIPS/TLS, SRTP, HTTPS, AES	SIPS/TLS, SRTP, HTTPS, AES
Audio Conferencing	3-Way	3-Way	3-Way	3-Way
Quick Configuration	Yes, Grandstream Zero Config	Yes, Grandstream Zero Config	No	No
Provisioning	HTTP, HTTPS, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069
NAT Router	No	Yes	No	Yes
Short / Long Haul	2 Ren: 1km on 24AWG Line	3 Ren: 1km on 24AWG Line	5 Ren	5 Ren
Codecs	G.711, G.723.1, G.729 A/B, G.726, iLBC, OPUS	G.711, G.723.1, G.729 A/B, G.726, iLBC, OPUS	G.711, G.726, G.729 A	G.711, G.726, G.729 A
Flash Size	16MB	16MB	No information	No information
Memory Size	32MB	32MB	No information	No information
Call Feature Support	Advanced Call Features	Advanced Call Features	Advanced Call Features	Advanced Call Features

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## HT800 Series Comparison

Model	Grandstream HT801	Poly OBI300	Grandstream HT812	Poly OBI302	Grandstream HT814	Poly OBI504	Grandstream HT818	Poly OBI508
Telephone Interfaces	1 FXS Port	1 FXS Port	2 FXS Ports	2 FXS Ports	4 FXS Ports	4 FXS Ports	8 FXS Ports	8 FXS Ports
Network Interfaces	1 10/100Mbps auto-sensing ethernet port (RJ45)	1 10/100Mbps auto-sensing ethernet port (RJ45)	10/100/1000Mbps Ports	10/100/1000Mbps Ports	Two (2) BaseT Ethernet RJ45 ports	Three (3) 10/100 BaseT Ethernet Ports	10/100/1000Mbps RJ45 ports	Three (3) 10/100 BaseT Ethernet Ports
SIP Profiles	1 SIP Profile	1 SIP Profile	2 SIP Profiles	2 SIP Profiles	2 SIP Profiles	10 SIP Profile Assignments	2 SIP Profiles	10 SIP Profile Assignments
Fax Over IP	T.38 Compliant	T.38 Compliant	T.38 Compliant	T.38 Compliant	T.38 Compliant	T.38 Compliant	T.38 Compliant	T.38 Compliant
Security	SRTP, TLS/SIPS/HTTPS	SRTP, TLS/SIPS/HTTPS	SIPS/TLS, SRTP, HTTPS, AES	SIPS/TLS, SRTP, HTTPS, AES	SIPS/TLS, SRTP, HTTPS, AES	SIPS/TLS, SRTP, HTTPS, AES	SIPS/TLS, SRTP, HTTPS, AES	SIPS/TLS, SRTP, HTTPS, AES
Audio Conferencing	3-way voice conferencing	3-way voice conferencing	3-way voice conferencing	3-way voice conferencing	3-way voice conferencing	3-way voice conferencing	3-way voice conferencing	3-way voice conferencing
Quick Configuration	Grandstream Zero-Config	OBI-ZT	Grandstream Zero-Config	OBI-ZT	Grandstream Zero-Config	OBI-ZT	Grandstream Zero-Config	OBI-ZT
Provisioning	HTTP, HTTPS, SSH, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069	HTTP, HTTPS, TFTP, TR-069
NAT Router	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Codecs	G.711 with Annex I (PLC) and Annex II (VAD/NG), G.723.1, G.729A/B, G.726, iLBC, OPUS	G.711, G.723.1, G.729 A/B, G.726, iLBC, OPUS	G.711, G.723.1, G.729 A/B, G.726, iLBC, OPUS	G.711, G.723.1, G.729 A/B, G.726, iLBC, OPUS	G.711, G.723.1, G.729 A/B, G.726, iLBC, OPUS	G.711, G.723.1, G.729 A/B, G.726, iLBC, OPUS	G.711, G.723.1, G.729 A/B, G.726, iLBC, OPUS	G.711, G.723.1, G.729 A/B, G.726, iLBC, OPUS
Call Feature Support	Advanced Telephony Features	Advanced Call Features	Advanced Call Features	Advanced Call Features	Advanced Call Features	Advanced Call Features	Advanced Call Features	Advanced Call Features