



**GRANDSTREAM**  
CONNECTING THE WORLD

# Partner Marketing Kit

**HT802**

*July, 2016*

# Agenda

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# About HT802

The HT802 is 2-port analog telephone adapter (ATA) designed to create a high-quality and manageable IP telephony solution in either residential or work environments through its simple use. Packed with a new compact and modern design, the HT802 allows users to convert their analog phones to IP technology for advanced VoIP functionality, security protection and auto provisioning options, enhancing their telephony features and enabling service providers to offer high quality IP service. The HT802 is an ideal ATA for individual use as well as for large scale commercial IP voice deployments.

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# Messaging Strategy

HT802

Tagline	An easy-to-use 2-port ATA
Subhead	<i>Packed with rich functionalities and new compact design</i>
What sets HT802 apart from competitors?	Grandstream is the global market leader in ATAs, with millions of units successfully deployed around the world, including by some of the biggest service providers in the world. The HT802 was designed to make converting VoIP technology in analog phones easy and manageable. Whether it be for residential use or in work environments, the HT802 is the perfect ATA that gives users advanced VoIP features all while reducing operational costs.
Key Differentiators	<ul style="list-style-type: none"><li>• Supports 2 SIP profiles through 2 FXS ports and a single 10/100Mbps port</li><li>• 3-way conferencing</li><li>• Automated provisioning options</li><li>• Fax-over-IP options</li><li>• Supports a wide range of caller ID formats</li><li>• Advanced telephony features</li></ul>

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# HT802 Datasheet



**HT802**

**An easy-to-use 2 port ATA**

The HT802 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 HT802 is an ideal ATA for individual use and for large scale commercial IP voice deployments.

**2 LINES**

Supports 2 SIP profiles through 2 FXS ports and a single 10/100Mbps port

**SECURITY**

TLS and SRTP security encryption technology to protect calls and accounts

**3 WAY**

Automated provisioning options include TR-069 and XML config files

**3 WAY**

Supports 3-way voice conferencing

**FALLOVER**

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

**FAX**

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

**CALLER ID**

Supports a wide range of caller ID formats

**ZERO CONFIG**

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>	Two (2) FXS ports
<b>Network Interfaces</b>	One (1) 10/100Mbps auto-sensing ethernet ports (RJ45)
<b>LED Indicators</b>	POWER, INTERNET, PHONE1, PHONE2
<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.723.1, G.729A/B, G.726, iLBC, dynamic jitter buffer, advanced line echo cancellation
<b>Fax Over IP</b>	T.38 compliant Group 3 Fax Relay up to 14.4kbps and auto-switch to G.711 for Fax Pass-through
<b>Short/Long Haul Ring Load</b>	2 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
Signaling	
<b>Network Protocols</b>	TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, NTP, TFTP, TELNET, STUN, SIP (RFC3261), SIP over TCP/TLS, SRTP, TR-069
<b>QoS</b>	Layer 3 (ToS, DiffServ, MPLS)
<b>DTMF Method</b>	In-audio, RFC2833 and/or SIP INFO
<b>Provisioning and Control</b>	HTTP, HTTPS, TELNET, 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, telnet, 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>	100mm x 100mm x 29.5mm, 114g (without package)
<b>Compliance</b>	FCC 15B, AS/NZS CISPR22, AS/NZS 60950, EN55022, EN55024, EN60950, EN61000-3-2, EN61000-3-3, UL (Power supply)

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# Marketing Assets

1. [HT802 pictures](#)
2. [Feature icons](#)
3. [Web banners \(editable design file\)](#)