



HandyTone Analog Telephone Adapter Quick Installation Guide

Part Number: 418-02010-10
Document Version Number: 1.0



Handytone 502 & HandyTone 503



HandyTone 286 & HandyTone 486

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www.grandstream.com

Last updated on April 1, 2008

HandyTone Analog Telephone Adapters Quick Installation Guide

WARNING: ⚠ Please DO NOT power cycle the HandyTone during system boot up or firmware upgrade. You may corrupt firmware images and cause the unit to malfunction.

WARNING: ⚠ Use only the power adapter included in the HandyTone package. Using an alternative non-qualified power adapter may possibly damage the unit.

Overview

Grandstream HandyTone Analog Telephone Adapters/IAD series offers a comprehensive line of affordable VoIP access devices based on Grandstream's innovative and proprietary technology platform. The HandyTone series offers the entry-level IP Telephony user superb audio quality, rich functionalities, interoperability with the leading 3rd party VoIP providers, and compatibility with most service providers. The HandyTone series is compact, works with any PSTN or cordless phone and fax machines and offers the simplicity of plug and dial, making it ideal for the basic IP telephony user.

Equipment Packaging

Unpack and check all accessories

1. One HandyTone Analog Telephone Adapter
2. One Universal Power Adaptor
3. One Ethernet Cable
4. Quick Installation Guide

Connect the HandyTone

Please use the equipment included in the packaging. Using any other power source may damage the product.

1. Connect a standard touch-tone analog telephone (or fax machine) to PHONE port (or PHONE1, PHONE2 port for HT386/496/502).
2. Connect a PSTN telephone line to LINE port (optional, applies to HT386/486/488/503 only).
3. Insert the Ethernet cable into the Ethernet port (HT286/386) or WAN port (HT486/488/496/502/503) of HandyTone and connect the other end of the Ethernet cable to an uplink port (a router or a modem, etc.).
4. Connect a PC to the LAN port of HandyTone (optional, applies to HT486/488/496/502/503 only).
5. Insert the power adapter into the HandyTone and connect it to an electrical outlet.
6. Using the HandyTone embedded web server or IVR (Interactive Voice Prompt) menu, you can further configure the phone using either a static IP or DHCP.

Configuring the HandyTone using a Web Browser

1. From the analog phone, press *** to get into the IVR menu. Enter option 02 to obtain the HandyTone's IP address.
2. For HT486/488/496/502/503, please enable the "WAN side HTTP access" option by entering IVR option 12 and press 9. A reboot or power cycle of the HandyTone is required after this change. You can also access the HandyTone's web configuration from a PC connected to the LAN port via 192.168.2.1.
3. Type the HandyTone's IP address in your PC browser.
4. Log in using password "admin" to configure the HandyTone.

You will need the following information to configure the HandyTone via the web browser:

1. IP address, subnet mask and gateway IP if using static IP.
2. SIP server and/or Outbound Proxy FQDN or IP address.

3. User subscriber information: User ID, Authentication ID, Password (provided by your VoIP service provider).
4. HandyTone supports “Plug-n-Call” if your ITSP (Internet Telephony Service Provider) provides this automatic provisioning service. Ensure the HandyTone has an internet connection (either DHCP or static IP in your internet ready network), then power up the phone.
5. Please contact your ITSP for additional settings that may be necessary to configure the phone.

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About Grandstream Networks

Grandstream Networks, Inc. is an award-winning designer and manufacturer of next generation IP voice & video products for broadband networks. Grandstream's products deliver superb sound and picture quality, rich telephony features, full compliance with industry standards, and broad interoperability with most service providers and 3rd party SIP based VoIP products. Grandstream is consistently recognized in the VoIP industry for their innovation, affordability and superior value in their products. Grandstream Networks is a private company headquartered in Brookline, MA with offices in Los Angeles, Dallas and China. For more information, please visit www.grandstream.com.



Declaration of Conformity for HandyTone 502 (page 4-5)

Declaration of Conformity for HandyTone 503 (page 6-7)

Declaration of Conformity for HandyTone 286 (page 8-9)

Declaration of Conformity for HandyTone 486 (page 10-11)

**Konformitätserklärung gemäß dem Gesetz über Funkanlagen und
Telekommunikationsendeinrichtungen (FTEG) und der Richtlinie 1999/5/EG (R&TTE)**

Declaration of Conformity in accordance with the Radio and Telecommunications Terminal
Equipment Act (FTEG) and Directive 1999/5/EC (R&TTE Directive)

Hersteller / Verantwortliche Person / The manufacturer / responsible person

Manufacturer: **Grandstream Networks, Inc.**
5th Floor, R2-A Building,
South District of Hi-Tech Industrial Park,
Shenzhen, P.R.China, P.C. 518057

Responsible Laboratory: **Bay Area Compliance Lab Corp. ShenZhen**
Suite C, 41-D Electronics Science & Technology Building,
No. 2070 Shennanzhong Rd ShenZhen,
Guandong 518031, P.R. China
Tel: (755) 83296449
Fax: (755) 83273756

erklärt, dass das Produkt/ declares that the product:

Series: HandyTone

Model: HandyTone 502

Attestation Number: RSZ06121201-1, RSZ061212011-2

Date of Issue: December 23, 2006

Type (ggf. Anlagenkonfiguration mit Angabe der Module):

Type (if applicable, configuration including the modules)

☒ Telekommunikations(Tk-)endeinrichtung
Telecommunications terminal equipment

☐ Funkanlage
Radio equipment

Telecommunication via Voice over IP (VoIP)

Verwendungszweck

Intended purpose

.....

Geräteklasse

Equipment class

bei bestimmungsgemäßer Verwendung den grundlegenden Anforderungen des § 3 und den
übrigen einschlägigen Bestimmungen des FTEG (Artikel 3 der R&TTE) entspricht.

complies with the essential requirements of §3 and the other relevant provisions of the FTEG
(Article 3 of the R&TTE Directive), when used for its intended purpose.

Gesundheit und Sicherheit gemäß § 3 (1) 1. (Artikel 3 (1) a))

Health and safety requirements pursuant to § 3 (1) 1. (Article 3(1) a))

angewendete harmonisierte Normen ... Einhaltung der grundlegenden Anforderungen auf

Harmonised standards applied...

andere Art und Weise (hierzu verwendete Standards/Spezifikationen) ...
Other means of proving conformity with the essential requirements (standards/specifications used)...

Schutzanforderungen in Bezug auf die elektromagn. Verträglichkeit § 3 (1) 2, Artikel 3 (1) b))
Protection requirements concerning electromagnetic compatibility § 3(1)(2), (Article 3(1)(b))

angewendete harmonisierte Normen
Harmonised standards applied...

Einhaltung der grundlegenden Anforderungen auf andere Art und Weise (hierzu verwendete Standards/Spezifikationen)...
Other means of proving conformity with the essential requirements (standards/specifications used)...

EN 55022: 1998+A1:2001+A2:2003 Class B
EN 55024: 1998+A1:2001+A2:2003
EN 61000 3-2:2000 +A2:2005
EN 61000 3-3:1995+A1:2001+A2:2005

Maßnahmen zur effizienten Nutzung des Funkfrequenzspektrums
Measures for the efficient use of the radio frequency spectrum

Non-applicable

Luftschnittstelle bei § 3 Funkanlagen gemäß (2) (Artikel 3(2))
Air interface of the radio systems pursuant to § 3(2) (Article 3(2))

angewendete harmonisierte
Harmonised standards applied

Normen Einhaltung der grundlegenden Anforderungen auf andere Art und Weise (hierzu verwendete Standards/Schnittstellenbeschreibungen)...

Non-applicable

Other means of proving conformity with the essential requirements (standards/interface specifications used)...

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Brookline, MA 02446 USA

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Ort, Datum
Place & date of issue

Name und Unterschrift
Name and signature



Brookline, MA, USA August 20, 2007

Bruce G. MacAloney, Vice President

**Konformitätserklärung gemäß dem Gesetz über Funkanlagen und
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Manufacturer: **Grandstream Networks, Inc.**
Suite 201-205, Bldg #1 (LangFeng Bldg), Industrial Zone
#2 KeFa Road NanShan High Tech Industrial Park, ShenZhen, China

Responsible Laboratory: **Bay Area Compliance Lab Corp. ShenZhen**
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No. 2070 Shennanzhong Rd ShenZhen,
Guandong 518031, P.R. China
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Fax: (755) 83273756

erklärt, dass das Produkt/ declares that the product:

Series: HandyTone

Model: HandyTone 503

Attestation Number: RSZ07051101-1, RSZ07051101-2

Date of Issue: June 5, 2007

Type (ggf. Anlagenkonfiguration mit Angabe der Module):

Type (if applicable, configuration including the modules)

☒ **Telekommunikations(Tk-)endeinrichtung**

Telecommunications terminal equipment

☐ **Funkanlage**

Radio equipment

Telecommunication via Voice over IP (VoIP)

Verwendungszweck

Intended purpose

.....

Geräteklasse

Equipment class

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angewendete harmonisierte Normen ... Einhaltung der grundlegenden Anforderungen auf

Harmonised standards applied...

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Harmonised standards applied...

Einhaltung der grundlegenden Anforderungen auf andere Art und Weise (hierzu verwendete Standards/Spezifikationen)...
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Ort, Datum
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Brookline, MA, USA August 20, 2007

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erklärt, dass das Produkt/ declares that the product:

Series: HandyTone

Model: HandyTone 286

Attestation Number: RSZ03101401-1, RSZ03101401-2

Date of Issue: November 26, 2003

Type (ggf. Anlagenkonfiguration mit Angabe der Module):

Type (if applicable, configuration including the modules)

☒ Telekommunikations(Tk-)endeinrichtung
Telecommunications terminal equipment

☐ Funkanlage
Radio equipment

Telecommunication via Voice over IP (VoIP)

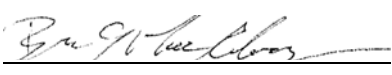
Verwendungszweck
Intended purpose

.....
Gerätekategorie
Equipment class

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erklärt, dass das Produkt/ declares that the product:

Series: HandyTone

Model: HandyTone 486

Attestation Number: RSZ04022602-1, RSZ040226021-2

Date of Issue: March 22, 2004

Type (ggf. Anlagenkonfiguration mit Angabe der Module):

Type (if applicable, configuration including the modules)

☒ Telekommunikations(Tk-)endeinrichtung
Telecommunications terminal equipment

☐ Funkanlage
Radio equipment

Telecommunication via Voice over IP (VoIP)

Verwendungszweck
Intended purpose

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Geräteklasse
Equipment class

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EN 55024: 1998+A1:2001	
EN 61000-3-2:2000	
EN 61000-3--:1995+A1:2001	
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Non-applicable	
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Ort, Datum Place & date of issue	Name und Unterschrift Name and signature
	
Brookline, MA, USA August 20, 2007	Bruce G. MacAloney, Vice President