

Grandstream DP750 DECT VoIP Base Station



Product Name: Grandstream DP750 DECT VoIP Base Station

Manufacturer: Grandstream

Model Number: DP750

Grandstream DP750 DECT VoIP Base Station

The Grandstream DP750 is a powerful DECT VoIP base station that pairs with up to 5 of Grandstream's DP720 DECT handsets to offer mobility to business and residential users. It supports a range of 300 meters outdoors and 50 meters indoors to give users the freedom to move around their work or home space, delivering efficient flexibility.

Grandstream DP750 Key Features

- Up to 10 SIP accounts per system; up to 10 lines per handset; up to 5 concurrent calls per DECT system
- Supports a range of up to 300 meters outdoors and 50 meters indoors
- 3-way voice conferencing, full HD audio, integrated PoE
- Automated provisioning options include TR-069 and XML config files
- TLS and SRTP security encryption technology to protect calls and accounts
- Use with Grandstream's UCM series of IP PBXs for Zero Config provisioning
- Offers multiple ring group options, including Circular, Linear, Parallel and Shared modes

This DECT VoIP base station supports up to 10 SIP accounts and 5 concurrent calls while also offering 3-way voice conferencing, full HD audio and integrated PoE. A shared SIP account on all handsets will add seamless unified features that gives users the ability to answer all calls regardless of location in real-time. The DP750 supports a variety of auto-provisioning methods and TLS/SRTP/ HTTPS encryption security. When paired with Grandstream's DP720, the DP750 offers a powerful DECT VoIP base station that allows any business or residential user to create a cordless VoIP solution.

Grandstream DP750 - Technical Specifications

Air Interface

- Telephony Standard: DECT
- Frequency bands: 1880 - 1900 MHz (Europe) 1920 - 1930 MHz (USA) 1910 - 1920 MHz (Brazil), 1786 - 1792 MHz (Korea) 1893 - 1906 MHz (Japan), 1880 - 1895 MHz (Taiwan)
- Number of channels: 10 (Europe), 5 (US, Brazil or Japan), 3 (Korea), 8 (Taiwan)
- Range: up to 300 meters outdoors and 50 meters indoors

Peripherals:

- 5 LED indicators: power, network, registration, call, DECT
- Reset Button, Pairing / Paging button
- 1x 10/100 Mbps Ethernet port with PoE

Protocols / Standards

- SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6 (Pending)

Voice Codecs

- G.711μ-law, G.723.1, G.729A/B, G.726-32, iLBC, G.722, OPUS, G.722.2/AMR-WB (special order), in-band and out-of-band DTMF (in audio, RFC2833, SIP INFO), VAD, CNG, PLC, AJB

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Telephony Features

• Hold, transfer, forward, 3-way conference, downloadable phonebook (XML, LDAP, up to 3000 entries), call waiting, call log (up to 300 records), auto answer, flexible dial plan, music on hold, server redundancy and fail-over

Sample Applications

• Weather, Currency (Pending)

QoS

• Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)

Security

• User and administrator level access control, MD5 and MD5-session based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, DECT authentication & encryption

Multi-language

• Chinese Simple, Chinese Tradition, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hebrew, Hungarian, Japanese, Korean, Norwegian, Portuguese, Romanian, Spanish, Swedish, Turkish

Upgrade/Provisioning

• Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or AES encrypted XML configuration file

Multiple SIP Accounts

- Up to 10 distinct SIP accounts per system
- Each handset may map to any SIP account(s)
- Each SIP account may map to any handset(s)

Ring Group

• Flexible options when multiple handsets share the same SIP account- Circular Mode: all phones ring sequentially from the phone next to the one that answered last- Linear Mode: all phones ring sequentially in the predesignated order- Parallel Mode: all phones ring concurrently and after one phone answers, the remaining available phones can make new calls- DID Mode: multiple handsets can call out on the same account, but all incoming calls are directed to a single handset

Power & Green Energy Efficiency

- Universal Power Supply Input AC 100-240V 50/60Hz; Output 5VDC 1A; Micro-USB connection
- PoE: IEEE802.3af Class 1, 0.44W–3.84W

Package Content

• Base Unit

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• Universal Power Supply

• Ethernet cable

• Quick Start Guide

• GPL statement

Dimensions (H x W x D)

• 28.5 x 130 x 90 mm

Weight

• Base unit: 143g

• Universal Power Supply: 50g

• Package: 360g

Temperature and Humidity

• Operation: -10 to 50°C (14 to 122°F)

• Storage: -20°C to 60°C (-4 to 140°F)

• Humidity: 10% to 90% non-condensing

Compliance

• FCC: Part 15D, Part 15B

• CE: EN60950, EN301489-1-6, EN301406

• RCM: AS/NZS60950

• ANATEL: #2288-16-9452

Price: £47.50

Options available for Grandstream DP750 DECT VoIP Base Station :

Handset Required?

[Grandstream DP722 DECT Cordless HD Handset \(+£54.15\)](#), [Not Required](#), [Grandstream DP730 DECT Cordless HD IP Phone \(+£93.30\)](#), [Grandstream DP720 DECT Handset \(+£43.30\)](#).

Grandstream DP760 DECT Repeater

[Not Required](#), [Required \(+£70.00\)](#).