

## Grandstream DP750 DECT Base Station



Product Name: Grandstream DP750 DECT Base Station

Manufacturer: Grandstream

Model Number: DP750

### Grandstream DP750 DECT Base Station

The Grandstream DP750 is a powerful DECT 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

- ½ Up to 10 SIP accounts per system; up to 10 lines per handset; up to 5 concurrent calls per DECT system
- ½ Supports a range of up to 300 meters outdoors and 50 meters indoors
- ½ 3-way voice conferencing, full HD audio, integrated PoE
- ½ Automated provisioning options include TR-069 and XML config files
- ½ TLS and SRTP security encryption technology to protect calls and accounts
- ½ Use with Grandstream's UCM series of IP PBXs for Zero Config provisioning
- ½ Offers multiple ring group options, including Circular, Linear, Parallel and Shared modes

This DECT 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 base station that allows any business or residential user to create a cordless solution.

#### Grandstream DP750 - Technical Specifications

##### Air Interface

- ½ Telephony Standard: DECT
- ½ 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)
- ½ Number of channels: 10 (Europe), 5 (US, Brazil or Japan), 3 (Korea), 8 (Taiwan)
- ½ Range: up to 300 meters outdoors and 50 meters indoors

##### Peripherals:

- ½ 5 LED indicators: power, network, registration, call, DECT
- ½ Reset Button, Pairing / Paging button
- ½ 1x 10/100 Mbps Ethernet port with PoE

##### Protocols / Standards

½ 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

½ G.711&mu;/a-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-sess 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

## Grandstream DP750 DECT Base Station

• 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: 52.53EUR**

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Options available for Grandstream DP750 DECT Base Station :

### **Handset Required?**

[Grandstream DP720 DECT Handset \(+49.77EUR\)](#), [Grandstream DP722 DECT Cordless HD Handset \(+62.25EUR\)](#),  
[Not Required](#), [Grandstream DP730 DECT Cordless HD IP Phone \(+107.25EUR\)](#).

### **Grandstream DP760 DECT Repeater**

[Required \(+80.47EUR\)](#), [Not Required](#).