Long-range DECT VoIP Base Station

DP752

The DP752 is a powerful DECT VoIP base station that pairs with up to 5 of Grandstream’s DP series DECT handsets to offer mobility to business and residential users. It supports outdoor range of up to 400 meters with the DP730 or up to 350 meters with DP722/DP720 as well as indoor range up to 50 meters to give users the freedom to move around their work or home. 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 DP752 supports a variety of auto-provisioning methods and TLS/SRTP/HTTPS encryption security. When paired with Grandstream’s DP720, DP722 or DP730 handsets, the DP752 offers a powerful cordless DECT solution for any business or residential user.
### Air Interface

- **Telephony standards:** DECT
- **Frequency bands:**
  - 1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US),
  - 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)
- **Outdoor Range:** up to 400 meters (DP730) or up to 350 meters (DP722/DP720)
- **Indoor Range:** up to 50 meters

### Peripherals

- 3 LED indicators: Power, Network, DECT
- Pairing/Paging button
- One 10/100 Mbps auto-sensing Ethernet port with integrated PoE

### Protocol/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

### Voice Codecs


### Telephony Features

- Hold, transfer, forward, 3-way conference, downloadable phonebook (XML, LDAP, up to 3000 entries), call waiting, call log (up to 750 records), auto answer, flexible dial plan, server redundancy and fail-over

### 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

- English, Czech, German, Spanish, French, Hebrew, Italian, Dutch, Polish, Portuguese, Russian, Turkish, Arabic, Chinese Simple, Chinese Tradition, Japanese, Korean, Slovakian, Serbian

### Upgrade/ Provisioning

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

### Multiple SIP Accounts

- Each handset may map to any SIP account(s)
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### 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 Call Group:** 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, Universal Power Supply; Ethernet cable; Quick Start Guide, GPL statement

### Dimensions (H x W x D)

- 140.31 x 64.98 x 105mm

### Weight

- Base unit: 140g; Universal power supply: 50g; Package: 370g

### Temperature and Humidity

- Operation: -10 to 50°C (14 to 122°F); Storage: -20° to 60°C (-4 to 140°F)
- Humidity: 10% to 90% non-condensing

### Compliance

- FCC: Part 15B; FCC Part 15D; MPE; FCC ID
- CE: EN 55032; EN 55035; EN 61000-3-2; EN 61000-3-3; EN 60950-1; EN 301 489-1/-6; EN 301 406; EN 50385; RED NB Cert
- RCM: AS/NZS 32; AS/NZS 60950.1
- ANATEL: ANATEL, EAC, UL (adapter)

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