





## **DP750**

## Long-range DECT VoIP Base Station

The 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. This DECT VoIP base station supports up to 10 SIP accounts and 4 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.



Up to 10 SIP accounts per system; up to 10 lines per handset



DP750 is fully compliant with the SIP/DECT standard



TLS and SRTP security encryption technology to protect calls and accounts



Automated provisioning options include TR-069 and XML config files



3-way audio conferencing for easy conference calls



Use with Grandstream's UCM series of IP PBXs for Zero Config provisioning





Supports advanced telephony features, including call transfer, call forward, call-waiting, do not disturb, message waiting indication, multilanguage promtps, flexible dial plan and more



Built-in PoE to power the device and give it a network connection









Telephony standards: DECT Frequency bands:  Alir Interface  Alir Interface  Alir Interface  Alir Interface  Base - 1900 MHz (Brazi) 1786 - 1792 MHz (Koroe), 1910 - 1920 MHz (Brazi) 1786 - 1792 MHz (Koroe), 1933 - 1900 MHz (Brazi) 1786 - 1792 MHz (Koroe), 1893 - 1900 MHz (Brazi) 1786 - 1792 MHz (Koroe), 1893 - 1900 MHz (Brazi) 1786 - 1792 MHz (Koroe), 1893 - 1900 MHz (Brazi) 1786 MHz (Gana), 1880 - 1895 MHz (Talwan) Number of Channels: 10 (Groupe), 5 (U.S, Farazio Irapan), 3 (Korea), 8 (Talwan) Range: up to 300 meters outdoors and 50 meters indoors  Perlipherals  SEE DE Indicators: Power, Network, Register, Call, DECT Reset button, Paring/Pargip button One 10/100 Mbps auto-sensing Ethernet port with integrated PoE  SPR PG2363, T.CORPADUP, ETHPTICP, HTTP-HTTPS, ABP/RARP, ICMP, DNS (A record, SRV, NAPTR), Photocol/Standards  DHCP, PPPOE, SSH, TFTP, NTP, STUN, SIMPLE, LIDP-MED, LDAP, TR-669, 802.1x, TLS, SRTP, IPV6 (Pending)  Voice Codes  G711p/a-law, G.723.1, G.722A/B, G.726A/B, G.722.2/AMR-WB (special order), in band and out of band DTMF (in audio, RF22835, SP) INFO), VAO, CNG, FLC, A)B  Hald, transfer, forward, Sway conference, downloadable phoneosic (MML, LDAP, up to 3000 entries), and an advanced of the sense of the sen		
Peripherals Peripherals Perotocol/Standards SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPOE, SSH, TFTP, NTP, STIN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IP-V6 (Pending)  Voice Codecs G/11 I/u/a-law, G-723.1, G-729AB, 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 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)  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 Ghense Simple, Chinese Tradition, Czech, Danish, Dutch, English, Estonian, Finnish, French, Server, March, 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 Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using TR-069 or AES encrypted XML configuration file Up to ten (10) distinct SIP accounts per system Each handset may map to any SIP account(s) Each SIP account may map to any soft account (s) Each SIP account may map to any soft account (s) Each SIP account may map to any soft account (s) Each SIP account may map to any soft account (s) Each SIP account may map to any soft account (s) Each SIP account may map to any soft account (s) Each SIP account may map to any soft account (s) Each SIP account may map to any soft account (s) Each SIP account may map to any soft account (s) Each SIP account may map to any soft account (s) Each SIP accou	Air Interface	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)
Protocol/Standards DHCP, PPP6E, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPV6 (Rending)  Voice Codecs G.711µ/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 INPO), VAD, CNG, PLC, AJB 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 fall-over  Sample Applications Weather, Currency (Pending)  QoS Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)  Layer and administrator level access control, MDS and MDS-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  Up to ten (10) distinct SIP accounts per system Each handset may map to any SIP account(s) Each SIP account may map to any SIP account(s) Each SIP account may map to any sip account(s) Each sip Account may map to any sip account(s) Each blooked: all phones ring sequentially from the phone next to the one that answered last Linear Mode: all phones ring sequentially from the phone next to the one that answered last Linear Mode: all phones ring sequentially from the phone next to the one that answered last Linear Mode: all phones ring sequentially from the phone next to the one that answered last Linear Mode: all phones ring concurrently and always share the same line similar to analog phones  Power & Green Energy Efficiency Universal Power Supply input AC 100-240V 50/60Hz; Output SVDC 1A; Micro-USB connection; PoE: IEEE802.3af Clas	Peripherals	Reset button, Pairing/Paging button
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)  User and administrator level access control, MDS and MDS-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, DECT authentication & encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, DECT authentication & 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  Up to ten (10) distinct SIP accounts per system Each handset may map to any SIP account(s) Each SIP account may map to any handset(s)  Flexible options when multiple handsets share the same SIP account Circular Mode: all phones ring sequentially in the predesignated order Parallel 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 Shared Mode: all phones ring concurrently and always share the same line similar to analog phones  Power & Green Energy Efficiency Universal Power Supply Input AC 100-240V 50/60Hz; Output 5VDC 1A; Micro-USB connection; Poc: IEEE802.3af Class 1, 0.44W-3.84W  Package Content Base Unit, Universal Power Supply: 50g; Package: 360g  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 F	Protocol/Standards	DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, IPv6
Telephony Features 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)  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  Up to ten (10) distinct SIP accounts per system  Each handset may map to any SIP account(s) Each SIP account may map to any SIP account(s) Each SIP account may map to any SIP account(s) Each SIP account may map to any handset(s)  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 from the predesignated order Parallel Mode: all phones ring concurrently and after one phone answers, the remaining available phones can make new calls Shared Mode: all phones ring concurrently and always share the same line similar to analog phones  Power & Green Energy Efficiency Universal Power Supply input AC 100-240V 50/60Hz; Output SVDC 1A; Micro-USB connection; Poci: IEEE802.3 af 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) Universal Power Supply input AC 100-240V 50/50; Package: 360g  Temperature and Humidity Operation: -10 to 50°C (14 to 120°F); Storage: -20° to 60°C (-4 to 140°F) Humidity: 10% to 90% non-condensing FCC: Part 15D, Part 15B CE: PN60950, EN301489-1-6, E	Voice Codecs	
User and administrator level access control, MD5 and MD5-sess based authentication, 256-bit AES Security User and administrator level access control, MD5 and MD5-sess based authentication & encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, DECT authentication & encryption  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  Up to ten (10) distinct SIP accounts per system Each handset may map to any SIP account(s) Each SIP account may map to any SIP account(s) Each SIP account may map to any sip account(s) Each BiP account may map to any sip account(s) Each BiP account may map to any sip account(s) Each BiP account may map to any sip account(s) Each BiP account may map to any sip account(s) Each BiP account may map to any sip account(s) Each BiP account may map to any sip account(s) Each BiP account may map to any sip account(s) Each BiP account may map to any sip account(s) Each BiP account may map to any sip account(s) Each andset may map to any sip account(s) Each BiP account may map to any sip account(s) Each andset may map to any sip account(s) Each	Telephony Features	entries), call waiting, call log (up to 300 records), auto answer, flexible dial plan, music on hold,
Security Sec	Sample Applications	Weather, Currency (Pending)
Security encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, DECT authentication & encryption  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  Up to ten (10) distinct SIP accounts per system Each handset may map to any SIP account(s) Each SIP account may map to any sIP account(s) Each SIP account may map to any handset(s)  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 from the phone next to the one that answered last Linear 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 Shared Mode: all phones ring concurrently and always share the same line similar to analog phones  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) 28.5 x 130 x 90 mm  Weight Base unit: 143g; Universal Power Supply: Storage: -20° to 60°C (-4 to 140°F) Humidity: 10% to 90% non-condensing  FCC: Part 15D, Part 15B CC: ER60950, EN301489-1-6, EN301406 RCM: 45/NZ560950	QoS	Layer 2 QoS (802.1Q, 802.1P) and Layer 3 QoS (ToS, DiffServ, MPLS)
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  Up to ten (10) distinct SIP accounts per system Each handset may map to any SIP account(s) Each SIP account may map to any handset(s)  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 Shared Mode: all phones ring concurrently and always share the same line similar to analog phones  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) Weight Base unit: 143g; Universal Power Supply: 50g; Package: 360g  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  EC: PART 15D, Part 15B Cempliance Compliance Compliance Compliance	Security	encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control, DECT authentication
Multiple SIP Accounts  Each handset may map to any SIP account(s) Each SIP account may map to any handset(s)  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 Shared Mode: all phones ring concurrently and always share the same line similar to analog phones  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) Weight Base unit: 143g; Universal Power Supply: 50g; Package: 360g  Temperature and Humidity Compliance  Compliance  Compliance  Compliance  Compliance  FCC: Part 15D, Part 15B CC: EN60950, EN301489-1-6, EN301406 RCM: AS/NZS60950	Multi-language	German, Hebrew, Hungarian, Japanese, Korean, Norwegian, Portuguese, Romanian, Spanish,
### Each handset may map to any SIP account(s)   Each SIP account may map to any handset(s)    Flexible options when multiple handsets share the same SIP account	Upgrade/ Provisioning	
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 Shared Mode: all phones ring concurrently and always share the same line similar to analog phones  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) 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° to 60°C (-4 to 140°F) Humidity: 10% to 90% non-condensing  FCC: Part 15D, Part 15B CE: EN60950, EN301489-1-6, EN301406 RCM: AS/NZS60950	Multiple SIP Accounts	Each handset may map to any SIP account(s)
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)  Weight Base unit: 143g; Universal Power Supply: 50g; Package: 360g  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  FCC: Part 15D, Part 15B CE: EN60950, EN301489-1-6, EN301406 RCM: AS/NZS60950	Ring Group	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 Shared Mode: all phones ring concurrently and always share the same line similar to analog
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° to 60°C (-4 to 140°F) Humidity: 10% to 90% non-condensing  FCC: Part 15D, Part 15B CE: EN60950, EN301489-1-6, EN301406 RCM: AS/NZS60950	Power & Green Energy Efficiency	
Weight Base unit: 143g; Universal Power Supply: 50g; Package: 360g  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  FCC: Part 15D, Part 15B  CE: EN60950, EN301489-1-6, EN301406  RCM: AS/NZS60950	Package Content	Base Unit, Universal Power Supply; Ethernet cable; Quick Start Guide, GPL statement
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  FCC: Part 15D, Part 15B Ce: EN60950, EN301489-1-6, EN301406 RCM: AS/NZS60950	Dimensions (H x W x D)	28.5 x 130 x 90 mm
Humidity: 10% to 90% non-condensing  FCC: Part 15D, Part 15B  Cer: EN60950, EN301489-1-6, EN301406  RCM: AS/NZS60950	Weight	Base unit: 143g; Universal Power Supply: 50g; Package: 360g
CE: EN60950, EN301489-1-6, EN301406 RCM: AS/NZS60950	Temperature and Humidity	
	Compliance	CE: EN60950, EN301489-1-6, EN301406 RCM: AS/NZS60950





