

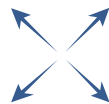


## Long-Range Wideband DECT Repeater DP760

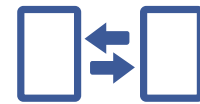
The DP760 is a powerful wideband DECT repeater (wireless relay station) that auto associates to Grandstream's DP750/DP752 DECT base stations offering extended mobility to business and residential users. The DP760 extends an additional range of 300 meters outdoors and 50 meters indoors to give users the freedom to move around their home or work space. This Wideband DECT Repeater relays up to 2 concurrent HD calls. The Ethernet connection provides PoE for convenient installation and a variety of remote features including provisioning, status monitoring and repeater firmware upgrades. When paired with Grandstream's DP750/DP752 DECT VoIP base stations and DP720 handsets, the DP760 offers a powerful extended DECT solution for users looking to add coverage to their VoIP DECT system.



Up to 2 concurrent HD calls



Extends an additional range of 300 meters outdoors and 50 meters indoors for added mobility



Automatic or manual association to DP750/DP752, base stations for easy use



Supports Plug-n-Play features like auto association, auto region detection and seamless call handover



Automated provisioning options include XML config files



Ethernet connection provides PoE features

|  |   |
|--|---|
| <b>Air Interface</b>                       | <b>Telephony standards:</b><br>DECT EN 301 406:2001<br>DECT GAP TBR22 EN 300 444:2001<br>DECT WRS EN 300 700<br>CAT-iq TS 102 527<br><b>Frequency bands:</b><br>1880 – 1900 MHz (Europe), 1920 – 1930 MHz (US), 1910 – 1920 MHz (Brazil)<br><b>Number of Channels:</b> 10 (Europe), 5 (US, Brazil)<br><b>Range:</b> up to 300 meters outdoors and 50 meters indoors |
| <b>Peripherals</b>                         | 5 LED indicators: Power, Network, Association, Activity, DECT Signal Strength<br>Reset button, Dissociation button<br>One 10/100 Mbps auto-sensing Ethernet port with integrated PoE  |
| <b>Protocol/Standards</b>                  | TCP/IP/UDP, HTTP/HTTPS, ARP/RARP, ICMP, DNS, DHCP, PPPoE, SSH, TFTP, NTP, LLDP-MED, UPnP  |
| <b>Voice Codecs</b>                        | G.722 codec for HD audio and G.726 codec for narrow band audio  |
| <b>Telephony Features</b>                  | Plug-n-Play, auto association, auto region detection and seamless call handover   |
| <b>Security</b>                            | User and administrator level access control, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, HTTPS, 802.1x media access control  |
| <b>Multi-language</b>                      | Arabic, Chinese Simple, Chinese Traditional, Czech, Dutch, English, French, German, Hebrew, Italian, Japanese, Korean, Polish, Portuguese, Russian, Serbian, Slovakian, Spanish, Turkish  |
| <b>Upgrade/ Provisioning</b>               | Firmware upgrade via TFTP/HTTP/HTTPS, mass provisioning using AES encrypted XML configuration file  |
| <b>Association</b>                         | Up to 5 repeaters in star<br>Relays up to 2 concurrent HD calls<br>Automatic or manual association to base station  |
| <b>Power &amp; Green Energy Efficiency</b> | Universal Power Supply Input AC 100-240V 50/60Hz; Output 5VDC 1A; Micro-USB connection;<br>PoE: IEEE802.3af Class 1, 0.44W–3.84W  |
| <b>Package Content</b>                     | Repeater Unit, Universal Power Supply; Ethernet cable; Quick Start Guide, GPL statement   |
| <b>Dimensions (H x W x D)</b>              | 28.5 x 130 x 90 mm  |
| <b>Weight</b>                              | Repeater Unit: 143g; Universal Power Supply: 50g; Package: 360g   |
| <b>Temperature and Humidity</b>            | Operation: -10° to 50°C (14° to 122°F); Storage: -20° to 60°C (-4° to 140°F)<br>Humidity: 10% to 90% non-condensing   |
| <b>Compliance</b>                          | FCC: FCC Part 15B, FCC Part 15D, MPE<br>CE: EN 60950-1, EN 301 489-1, EN 301 489-6, EN 301 406, EN 50385, EN 55032, EN 55024, EN 61000-3-2, EN 61000-3-3<br>RCM: AS/NZS 60950.1<br>ANATEL   |