



DECT Cordless HD Handset for Mobility

DP720

The DP720 is a DECT cordless VoIP phone that allows users to mobilize their VoIP network throughout any business, warehouse, retail store and residential environment. It is supported by Grandstream's DP750 DECT VoIP base station and delivers a combination of mobility and top-notch telephony performance. Up to five DP720 handsets are supported on each DP750 while each DP720 supports a range of up to 300 meters outdoors and 50 meters indoors from the base station. The DP720 touts a suite of top-notch telephony features including support for up to 10 SIP accounts per handset, full HD audio, a 3.5mm headset jack, multi-language support, a speakerphone and more. When paired with Grandstream's DP750 DECT Base Station, the DP720 offers a powerful DECT VoIP handset 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



DECT authentication & encryption technology to protect calls & account



3-way audio conferencing for easy conference calls

SIP

DP750 is fully compliant with the SIP/DECT standard



Automated provisioning options include TR-069 and XML config files

zero CONFIG

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



HD audio to maximize audio quality and clarity; full duplex speakerphone



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

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) Range: up to 300 meters outdoors and 50 meters indoors
Peripherals	1.8 inch (128x160) color TFT LCD 23 keys including 2 soft keys, 5 navigation/ menu keys, 4 dedicated function keys for SEND, POWER/END, SPEAKERPHONE, MUTE 3-color MWI LED 3.5mm headset jack Removable belt clip Micro-USB port for alternative charging and non-battery operation
Protocol/Standards	Hearing Aid Compatibility (HAC) compliant
Voice Codecs	G.722 codec for HD audio and G.726 codec for narrow band audio (G.711 μ -law, G.723.1, G.729A/B, iLBC and OPUS are supported via companion DECT base station DP750), AEC, AGC, Ambient noise reduction
Telephony Features	Hold, transfer, forward, 3-way conference, call park, call pickup, downloadable phonebook, call waiting, call log, auto answer, click-to-dial, flexible dial plan, music on hold, DID call group
Sample Applications	Weather, Currency (Pending)
HD Audio	Yes, both on Handset and Speakerphone
Security	DECT authentication & encryption
Multi-language	Chinese Simple, Chinese Tradition, Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Hebrew, Hungarian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Spanish, Turkish
Upgrade/ Provisioning	Software Upgrade Over-The-Air (SUOTA), handset provisioning Over-The-Air
Multi-line Access	Each handset may access up to ten (10) lines
Power & Green Energy Efficiency	Universal Power Supply Input AC 100-240V 50/60Hz; Output 5VDC 1A; Micro-USB connection; Rechargeable 800mAh Ni-MH Low Self-Discharge (LSD) AAA batteries (250 hours of standby time and 20 hours of talk time)
Package Content	Handset unit, universal power supply, charger cradle, belt clip, 2 batteries, Quick Start Guide
Dimensions (H x W x D)	Handset: 155 x 50 x 26 mm, charger cradle: 35 x 63.5 x 54 mm
Weight	Handset: 138g; Charger Cradle: 71g; Universal Power Supply: 50g; Package: 360g
Temperature and Humidity	Operation: -10° to 50°C (14 to 122°F); Charging: 0 to 45°C (32 to 113°F) Storage: -20° to 60°C (-4 to 140°F); Humidity: 10% to 90% non-condensing
Compliance	FCC: Part 15D, 47 CFR 2.1093 & IEEE1528-2013, Part 68, Part 15B CE: EN60950, EN301489-1-6, EN301406, EN50360; EN62209-1 RCM: AS/NZS60950, AS/ACIF S004 ANATEL: #2288-16-9452