



Ruggedized DECT Cordless HD Handset

DP735

The DP735 is a ruggedized DECT cordless IP 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, DP752 and DP755 DECT VoIP base stations and delivers a combination of mobility and top-notch telephony performance. Up to 10 DP735 handsets are supported on each base station (DP755) while each DP735 supports a range of up to 400 meters outdoors (with DP755) and 50 meters indoors with 65 hours of talk time and 650 hours standby time. It features a suite of robust telephony features including support for up to 20 SIP accounts per handset (with DP755), full HD audio, 2.4 inch color TFT LCD display, a 3.5mm headset jack, push-to-talk, a speakerphone and more. When paired with Grandstream's DECT Base Stations, the DP735 is a high-end handset that offers a powerful cordless DECT solution for any business or residential user.



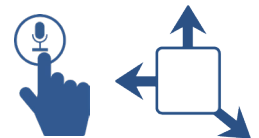
Up to 20 SIP accounts per system; up to 20 lines per handset



DECT authentication & encryption technology to protect calls & account



3-way audio conferencing for easy conference calls



Dedicated Push-to-Talk button; built in proximity and accelerometer sensors



Automated provisioning options include TR-069 and XML config files



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



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



Ruggedized design, IP67 Rated-Water-proof, dust-proof, cleaning chemical resistant, antimicrobial casing, drop safe from 2.5m

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 (DP752/DP755) or up to 300 meters (DP750) Indoor Range: up to 50 meters
Peripherals	2.4 inch (240x320) color TFT LCD 27 keys including 3 soft keys, 5 navigation/ menu keys, 4 dedicated function keys for SPEAKERPHONE, MUTE, SEND, POWER/END, 3 side keys including 2 volume (up and down) and 1 Push-to-Talk key 3-color MWI LED 3.5mm headset jack Proximity and accelerometer sensors Removable belt clip Micro-B USB port for alternative charging and non-battery operation Vibration Ring Mode
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 /a-law, G.723.1, G.729A/B, iLBC and OPUS are supported via companion DECT base station), AEC, AGC, Ambient noise reduction on handset mic, advanced noise suppression for incoming audio
Telephony Features	Hold, transfer, forward, 3-way conference, push-to-talk, intercom, downloadable phonebook, call waiting, call log, auto answer, click-to-dial, flexible dial plan
HD Audio	Yes, both on Handset and Speakerphone
Security	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, Greek, Swedish
Upgrade/ Provisioning	Software Upgrade Over-The-Air (SUOTA), handset provisioning Over-The-Air
Multi-line Access	Each handset may access up to twenty (20) lines
Power & Green Energy Efficiency	Universal Power Supply Input AC 100-240V 50/60Hz; Output 5VDC 1A; Micro-B USB Connector; Rechargeable 2000mAh Li-ion battery, 650 hours of standby time and 65 hours of talk time (laboratory data)
Package Content	Handset unit, universal power supply, charger cradle, belt clip, 1 battery, Quick Start Guide
Dimensions (H x W x D)	Handset:166.00 x 57.80 x 26.30mm; Charger cradle: 82.00 x 80.00 x 30.60mm
Weight	Handset: 221.5g; Charger cradle: 56g; Universal power supply: 55g; Package: 535g
Weatherproof	IP67 Rated-Water-proof, dust-proof, cleaning chemical resistant, antimicrobial casing and 2.5m drop safe
Temperature and Humidity	Operation: -10° to 45°C (14 to 113°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, CE, RCM, IC