DP Series DECT Cordless IP Phones Overview and Basics



About the DP Series of DECT Cordless IP Phones

Grandstream's DP series of DECT cordless IP phones allow small-to-medium businesses and deployments to mobile their communications within any network environment, leading to increased efficiency and collaboration. Our DECT solution provides up to 10 handsets in a single cell and up to 20 SIP accounts through a single base station depending on model.

Product Positioning

The DP Series was designed for small to medium deployments that only require a limited amount of cordless IP handsets. Designed with productivity in mind, these devices enable users to move throughout their environment while still having access to a collaboration-focused IP endpoint.



Handsets 10 Lines, 10 SIP Accounts



Rechargable battery, up to 40-hour talk time



HD Voice & Full Duplex Speakerphone



Configuarble button for push-to-talk

Competitive Features

- Up to 20 SIP accounts and 10 handsets per base station
- Push-to-Talk functionality for rapid communications across devices and facilities
- 3-way voice conferencing and support for advanced telephony features such as call transfer, forward, do not distrub, call-waiting, and more
- Automated provisioning options including TR-069 and XML config files, Grandstream Device Management System support on select models
- Grandstream UCM IP PBX Zero Config provisioning
- DECT authentication and encryption technology for call protection

DP Handsets Technical Specifications

Base Stations	**DP755**	**DP752**	**DP750**
SIP Accounts/Lines	Up to 20 SIP Accounts, 10 Lines per Handset	Up to 10 SIP Accounts, 10 Lines per Handset	Up to 10 SIP Accounts, 10 Lines per Handset
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 INFO), VAD, CNG, PLC, AJB		
Push-to-Talk	Yes		
HD Audio	HD Voice & dual MIC design with AEC Noise Shield Technology		
Telephony Features	Hold, transfer, forward, 3-way conference, downloadable phonebook (XML, LDAP), call waiting, call log, auto answer, flexible dial plan, server redundancy and fail-over, and more		
Handsets	**DP730**	**DP722**	**DP720**
Screen	2.4 Inch (240x320) Color LCD with 3 Programmable Soft Keys	1.8 Inch (128x160) Color LCD with 2 Programmable Soft Keys	1.8 Inch (128x160) Color LCD with 2 Programmable Soft Keys
Battery Life	40-Hour Talk Time, 500-Hour Standby	20-Hour Talk Time, 250 Hour Standby	20-Hour Talk Time, 250 Hour Standby
Outdoor/Indoor Range	400 Meters/50 Meters	350 Meters/50 Meters	350 Meters/50 Meters

DP Series DECT Cordless IP Phones Differentiators

Affordability and Advanced Features

Grandstream's DP Dect Cordless IP Phones provide an affordable solution targeted toward small-to-medium offices, commercial/retail businesses, warehouses, and other locations that require a limited but powerful cordless IP phone solution. All Grandstream DECT devices support advanced telephony features, such as 3-way audio conferencing, call-waiting, call transfer, multi-language prompts, and more, enabling businesses to create a mobile communications solution that is still robust with features.

Multiple SIP Accounts and Lines: The DP755 High-Performance DECT VoIP Base Station supports up to 20 SIP accounts, while the DP752 and DP750 support up to 10 SIP accounts, with all handsets supporting up to 10 lines per handset. Installers can easily create networks that support many users, call groups, departments, and more.

Long Range Capabilities: Grandstream's DECT solutions support ranges of up to 400 meters outdoors and 50 meters indoors, enabling a DECT solution to cover a considerable physical footprint. Warehouses, convention halls, and other large open spaces can have immersive DECT coverage for cordless handset users. At the same time, commercial stores or offices can be confident in a reliable connection throughout various rooms and spaces.

Security and Reliability: With DECT authentication and encryption technology, users can be confident that their calls and accounts are completely secure from third-party eavesdroppers. Additionally, DECT base stations and handsets run over a telephony-exclusive frequency, meaning less configuration is needed to ensure calls can be made without any auxiliary interference.

Superior Battery Life
Offers up to 40 hours talk-time and 500-hour stand-by thanks to efficient 1500mAH batteries, allowing handsets to function longer between charges

Auto-Provisioning
Supports mass provisioning down to each individual configuration parameter.

Push-to-Talk
Configurable Push-to-Talk button adds a powerful instant communication and security feature.



DP Series DECT Cordless IP Phones Deployment Scenarios

SMB Offices

Small offices can take advantage of the quick and easy mobile communications that a DECT solution offers. Due to the affordable nature of DECT solutions, Grandstream's DP DECT portfolio is a great choice for smaller office spaces that want to introduce up to 10 cordless handsets.

Additionally, a user's DECT handset can share the same SIP accounts/lines as their desktop IP phones, meaning they can move around an office space without sacrificing essential communications.



Education

A Grandstream DECT deployment may be an ideal choice for small education facilities like kindergartens, preschools, or daycares. An entire deployment is incredibly affordable and offers an indoor range of 50 meters. Up to 10 faculty members can be equipped with handsets, allowing them to freely roam throughout the school. Push-to-talk functionality allows users to be able to quickly communicate with one another, and softkeys can be configured for paging purposes across facility intercoms.



Retail Store

Commercial and retail stores are an ideal use case for Grandstream's DP Series. A singular DECT base station can cover an entire store or restaurant. Staff can be equipped with handsets so they can field customer calls while conducting other responsibilities, allowing them to be more productive. Lastly, push-to-talk functionality enables staff to quickly and communicate with one another, allowing them to page additional staff members, ask each other questions to assist customers, or make announcements throughout the workday.



Warehouse

With high ceilings and wide aisles, a single Grandstream DECT base station can provide a DECT signal throughout smaller warehouses and logistics facilities. With support for up to 20 SIP accounts and 10 lines per handset, each user can have their own dedicated line along with a departmental paging account. Warehouse staff can quickly communicate with different departments or within their own department at ease. Push-to-talk functionality can be used for facility-wide intercoms or one-way communication as needed.



DP Series DECT Cordless IP Phones Integrations with other Products



IP Phones

- The push-to-talk feature with the DP series can serve as a "walkie-talkie" feature when pared with either other DP cordless IP phones or desktop IP phones
- When using a Grandstream UCM IP PBX, the same extension that is on a user's desk phone can also be on the user's DECT cordless handset, enabling them to move away from their desk while still having access to essential communications

UCM6300 Ecosystem

- Grandstream's DP cordless DECT phones integrate with the UCM6300 Ecosystem as a great endpoint choice for small to medium cordless deployments, keeping a unified communications solution mobile and affordable
- Thanks to UCM RemoteConnect's NAT Firewall Traversal feature, DP base stations and handsets can even be deployed at a home office, allowing remote workers to have easy access to work lines when working at home

Facility Management

- The GDS series of facility access systems are capable of integrating with the DP series by placing calls to a DP cordless IP phone, in which the accompanied door of the GDS can be unlocked via a softkey on the DP handset
- For deployment verticals such as retail and warehouses, the push-to-talk capability on the DP series can be used to place quick announcements through overhead Grandstream GSC intercoms and speakers

