DOLBY VOICE

Dolby® Conference Phone
Data Sheet

Dolby Conference Phone

Dolby Voice® makes conferencing exceptionally clear, natural, and productive by delivering an in-person experience with stunning audio quality. You can access this improved experience from anywhere—desktop PC, mobile phone, and in a meeting room via the Dolby® Conference Phone.

The Dolby Conference Phone brings everyone into the room. An innovative and integral part of the Dolby Voice system, it is the only phone that can extend the full Dolby Voice experience and productivity benefits to meeting rooms. It helps you get the most from your Dolby Voice enabled conferencing service.

Built for Better Meetings

End-to-end HD audio clarity is just the beginning. The Dolby Conference Phone suppresses distracting background noise as only Dolby can. Full-room voice capture picks up even quiet voices from anywhere in the room and presents them clearly to remote attendees as if they were coming from distinct virtual locations. Everyone in the meeting knows who's talking and can easily follow the conversation, so remote participants feel—and contribute—as if they are actually in the room.

The clear and naturally flowing conversations lead to increased comprehension and participation, so meetings are more efficient—and more productive.

Elegant Design, Easy Meeting Management

This elegant phone brings a modern look to your conference rooms. Its intuitive touch-screen interface lets you easily join and manage meetings, access key features, and see who's attending.

Standard IP Telephony

The Dolby Conference Phone is a dual-mode device—an endpoint for Dolby Voice enabled services and a SIP phone for IP telephony environments. While the phone can deliver wideband communications in standard IP telephone calls, the full Dolby Voice experience requires a Dolby Voice enabled conferencing service.

Meets IT and Administrative Needs

The Dolby Conference Phone includes provisioning, management, security, and directory functions for simple setup, administration, and management.

Specifications

Operating Modes
IP Phone mode
Dolby Voice mode*

Audio Features Available in Both IP Phone and Dolby Voice Modes
Wideband (HD) audio: 160 Hz–8 kHz
20-ft (6.1 m) microphone pickup range
360 degree audio capture
Speaker volume: adjustable to 88 dB SPL peak volume at ½ m (1.6 ft)
Full duplex
Noise suppression
Acoustic echo cancellation

Dolby Voice Mode* Features
Preconfigured access to Dolby Voice enabled conferencing services (no need to dial access phone number)
One-touch meeting start when phone is in personal mode
IP connection to Dolby Voice enabled conferencing services
Voice separation: captures all the voices in the room and maintains separation of voices through the server to Dolby Voice enabled endpoints; places individual remote conference participants in distinct virtual locations in the room
Viewable roster of meeting attendees and active speaker
Touch-screen meeting management: mute/unmute and eject participants, lock meeting

IP Phone Mode Features
Interoperability with Cisco® Unified Communications Manager 7.1, 8.5, 8.6, 9.1, and 10.5
Interoperability with Avaya Aura® Session Manager 6.1, 6.2, and 6.3
Interoperability with Unify® OpenScape® Voice V8
IETF SIP (RFC 3261 and companion RFCs)
Audio codecs: G.711a/G.711u/G.722/G.729ab/iLBC
Local three-way conferencing
Conference, join, split, hold, resume, mute
Call waiting
Call transfer, hold, divert (forward), and pickup
Called, calling, connected party information
Recent call history
Searchable contact directory with touch dialing
Do Not Disturb function

User Interface
Touch interface with swipe support
4.3-in. (10 cm) LCD display with 480 × 272 resolution
LED halo: blue halo when in a Dolby Voice conference; green LED halo when in an IP telephony call; red LED halo when muted
External tactile keys
Mute, volume control

Network and Provisioning
Ethernet 10/100Base-T
IP address configuration: DHCP and Static IP IPv4 compatible
Time synchronization with SNTP server
Bulk provisioning, management, and field-upgradable firmware through Dolby Conferencing Console software
QoS Support: IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS and DSCP
RTCP support (RFC 1889)
LDAP directory support

Network and Provisioning (continued)
Web proxy auto detection and proxy auto configuration support
Supports Dolby Voice and IP telephony calls on separate voice and data VLANs
Hardware diagnostics
Status and statistics

Security
Transport Layer Security (TLS) for authentication and encryption of SIP signaling
SRTP encryption for media
IEEE 802.1x Network Access Control

Power
IEEE 802.3af Power over Ethernet, Class 3 maximum 13 W

EMC and Safety Compliance
UL60950-1
CAN/CSA C22.2, No. 60950-1
CE Mark (Directive 2006/95EC; 2004/108/EC; 1999/5/EC; 2011/65/EU, 2012/19EU)
FCC (47 CFR Part 15 subpart B and C) Class B ICES-003
Class B; IC RSS-210
EN55022 Class B; EN300 328
EN55024: EN301 489-1: EN301 489-17 EN60950-1

Environmental
Operating temperature: 32°F–104°F (0°C–40°C)
Relative humidity: 20%–85% (noncondensing)
Storage temperature: -22°F–131°F (-30°C–55°C)

Physical Dimensions
H × W × D: 2.2 × 11.8 × 12.6 in. (5.6 × 30 × 32 cm)

Weight
Net: 4 lb (1.8 kg)

Languages
Arabic, Chinese (traditional and simplified), English, French, German, Hebrew, Italian, Japanese, Korean, Portuguese (European and Brazilian), and Spanish
Unicode UTF-8 character support

Dolby Conference Phone Ships With
1 × PoE conference phone unit
1 × Quick Start Guide
1 × 25-ft (7.6 m) network cable

Dolby Satellite Microphone Kit (Optional)
Pickup range extended by up to 6.5 ft (2.0 m) per Dolby Satellite Microphone
Kit ships with 2 × Dolby Satellite Microphones and 2 × 6.5-ft (2.0 m) cables

*Requires a Dolby Voice enabled conferencing service
Limited new product warranty: 1 year
Premier service plans available
Specifications are subject to change without notice.

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