

Dolby Conference Phone Data Sheet

Conference phones can do better — much better — and finally the Dolby® Conference Phone delivers, raising expectations for audio quality in business conferencing, across all kinds of rooms, in a modern design that's impressively easy to use and manage. Paired with a Dolby Voice® enabled service, its innovative technology delivers stunning audio that improves comprehension and encourages more natural conversation.

Dolby Voice is a true breakthrough in conferencing, engineered by Dolby to deliver dramatically better audio through easy-to-use technology. Access from anywhere is simple — from a desktop PC, a mobile phone, and a meeting room via the Dolby Conference Phone.

Stunning Audio for Better Meetings

Meeting participants get excellent sound delivered by Dolby's legendary audio engineering, combined with a best-in-class ability to pick up everyone's voice, even in rooms with poor acoustics. Dynamic leveling continuously maps the room, canceling out HVAC or projector noise and boosting the sound of quiet or distant talkers to help everyone be heard — even when conversations overlap.

When used with a Dolby Voice enabled service, the Dolby Conference Phone enhances the experience further with even better audio, including voice placement, which presents each speaker's voice from a distinct location, making it easier to follow the conversation.

Easy Meeting Management, Elegant Design

Ease of use and management are at the core of the experience. Participants get a user-friendly device with an intuitive, touch-screen interface to start, join, and manage meetings. The phone's elegant modern design complements today's huddle spaces, conference rooms, boardrooms, and executive offices.

Engineered with IT in Mind

For IT, the Dolby Conference Phone offers easier and more efficient device management. Intelligent hardware design and automated deployment tools simplify setup and provisioning. Remote device management for monitoring, diagnostics, and control saves IT time and speeds up issue resolution. Leading collaboration services can load preconfigured apps onto the conference phone's UI for seamless integration.

As a dual-mode device, the phone acts as an endpoint for Dolby Voice enabled services and a SIP conference phone for IP telephony, versatile enough to equip an entirely new installation or to replace older phones in a legacy system.

Everyone knows that conference phones can and should work better — now Dolby ingenuity makes that possible, with a dramatically better experience for participants and IT alike.

Seamless Video Integration

The Dolby Conference Phone is more than a phone when paired with a Dolby Voice enabled service; it's your control center for videoconferencing. Future-proof your IT investment by starting with the Dolby Conference Phone and then adding the Dolby Voice Camera and Dolby Voice Hub for a complete videoconferencing solution.



Specifications

Operating Modes

IP phone mode
Dolby Voice mode*

Audio Features Available in Both IP Phone and Dolby Voice Modes

Dolby wideband (HD) audio: 160 Hz–8 kHz
6.1-m (20-ft) microphone pickup range
Full-room pickup
Peak volume: 88 dB SPL at 1/2 m (1.6 ft)
Full duplex
Dolby noise reduction
Dynamic leveling
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 placement: presents each speaker's voice from a distinct location to make it easier to follow and understand the conversation
Viewable roster of meeting attendees and active speaker
Touch-screen meeting management: mute/unmute and eject participants, lock meeting

IP Phone Mode Features

For interoperability details, please visit dolby.com/interop.
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

Video Integration

Fully integrated with the Dolby Voice Room solution as the audio and video control console

User Interface

Touch interface with swipe support
10-cm (4.3-in) LCD display with 480 × 272 resolution
LED halo: blue halo when in a Dolby Voice conference; green halo when in an IP telephony call; red 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

Network and Provisioning (continued)

RTCP support (RFC 1889)
LDAP directory support
Supports Dolby Voice and IP telephony calls on separate voice and data VLANs
Hardware diagnostics
Status and statistics
Web proxy auto detection and proxy auto configuration support

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

Physical Dimensions

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

Weight

Net: 1.8 kg (4 lb)

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 × 7.6 m (25-ft) network cable

Dolby Satellite Microphone Kit (Optional)

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