



## DATA SHEET

# Polycom® SoundStation VTX 1000®

## High performance voice conferencing for rooms that require exceptional twice quality

The Polycom® SoundStation VTX 1000® is truly a leap forward in voice conferencing technology. It's the world's first conference phone that automatically adapts to each meeting environment, providing high fidelity voice clarity for all participants. With the Polycom SoundStation VTX 1000, conference call participants can speak at a normal, natural conversation level and be heard clearly from up to 20-feet away from the microphone—even in large conference rooms. And, when two Polycom SoundStation VTX 1000 conference phones connect on opposite ends of a call, the phones automatically connect in Polycom® HD Voice™, resulting in extraordinary fidelity. No wonder Polycom is the #1 choice in conference phones, worldwide.

Polycom® Acoustic Clarity™ technology delivers exceptional performance and voice quality, making your conference calls clearer and more productive. Industry-leading full duplex technology provides natural, simultaneous two-way conversation without clipping or drop-outs that are common in traditional speakerphones. Dynamic Noise Reduction (DNR) actively removes background noise such as projectors and ventilation systems, while 360-degree microphone coverage with intelligent mixing highlights the person speaking, not the distracting ambient sounds, for crystal clear conferencing. The Polycom SoundStation VTX 1000 features technology that resists interference from mobile phones and other wireless devices, delivering clear communications with no distractions.

The Polycom SoundStation VTX 1000 conference phone's 20-foot microphone pickup range makes it ideal for larger conference rooms, with even greater pickup available through optional Expansion Microphones. Automatic Gain Control technology adjusts the microphone levels based on the distance the speaker is from the microphones, delivering clear conversations to the other participants. It can also be connected to a set of external speakers for additional volume in the conference room. Integration with Polycom® SoundStructure® and Polycom® Vortex® installed audio solutions makes it versatile enough to be used in nearly any type of conference or meeting room.

### Additional Polycom SoundStation VTX 1000 features/benefits

- Noise reduction technology automatically minimizes PC, projector, and HVAC sounds
- Automatic mic selection—only one mic is on at a time to remove “in the well” sound
- Independent microphone, echo-cancelled channels that optimize to their individual environment for better sound
- Includes technology that resists interference from mobile phones and other wireless devices
- Extension mics provide even greater room coverage for larger rooms
- Subwoofer for audio extension down to 80 Hz, which provides clearer, lifelike sound



### Benefits

- **Polycom HD Voice technology**—an industry first, delivering crystal-clear voice quality over traditional analog phone lines
- **Unparalleled room coverage**—Speak naturally from up to 20-feet from a microphone and be heard clearly on the far-end
- **Resists interference from mobile phones**—Clearer calls with no distracting noise from wireless devices
- **Maximum configuration flexibility**—Has independent input and output, bass/treble controls, and internal mic and speaker control for multiple uses and applications, including external speaker connections
- **Easy integration**—Connect to Polycom SoundStructure and Polycom Vortex installed audio systems
- **Built-in investment protection**—The world's only conference phone that allows you to download new software remotely through an ordinary analog telephone line to add new features and applications



## Console

### Size (L x W x H)

- 14.50 x 12.25 x 2.50 in  
(36.8 x 31.1 x 6.4 cm)

### Weight

- 1.75 lbs (0.8 kg)

### Power

- 22 VDC nominal; supplied by interface module

### Display

- High-resolution backlit graphical LCD

### Caller ID

- Bellcore type 1 (requires a telephone company subscription for activation)

### Keypad

- 12-key telephone keypad
- On-hook/off-hook, conference, mute, volume up/down keys, menu, navigation keys
- 3 content-dependent soft keys including redial, hold

### Console loudspeaker

- Frequency response (in a narrowband mode): 300 Hz–3.3 kHz
- Frequency response (in a wideband mode): 80 Hz–7 kHz
- Volume: adjustable to 89 dB (peak) volume at 0.5 m

### Treble/bass controls

- Adjustment range:  $\pm 6$  dB

### Console microphones

- 3 cardioid microphones 80 Hz–7 kHz

### Console Interface

- RJ-45: proprietary P8 interface to interface module
- RJ-11: 32 Mbps serial link for future expansion
- 2 x EX microphone connections

### Sub-woofer

#### Size (L x W x H)

- 8.750 x 5.150 x 9.2125 in  
(2.22 x 1.31 x 2.32 cm)

#### Weight

- 5.75 lbs (2.61 kg)

### Miscellaneous

- Frequency response (in a wideband mode): 80–300 Hz
- Power: switchable 110/220 V, 50/60 Hz (100 V for Japan) includes country-specific AC cable

## Interface module

### Size (L x W x H)

- 3.125 x 7.75 x 1.875 in (7.9 x 19.7 x 4.8 cm)

### Weight

- 0.75 lbs (0.34 kg)

### Power

- 90–264 VAC, 50–60 Hz includes country-specific AC cable

## Auxiliary audio

### Input

- Style: phono jack
- Function: switchable between Polycom wireless mic/AUDIO IN/OFF
- Softkey configurable setup menus

### Output

- Style: phono jack
- Function: switchable between subwoofer/external
- PA/record out/OFF
- Softkey configurable setup menus

See user documentation for further specifications

### Telco interface

- Network connection: 2-wire RJ-11 analog PBX or PSTN interface
- Speech mode
  - Bandwidth 300 Hz–3.3 kHz or 80 Hz–7 kHz (point-to-point)
- Network requirements: compatible with standard PSTN and PBX networks, analog or G.711 encoded
- Software download mode
  - Download protocol: V.34 compatible
  - Connection rates: to 33 Kbps, depending on line quality
  - Download server: Polycom download server

### Extension microphones

- 2 cardioid extension microphones (included), 80 Hz–7 kHz

### Regulatory compliance

- Safety
  - UL60950-1
  - CSA C22.2, No. 60950-1-07
  - EN60950-1
  - AS/NZS60950-1
- EMC
  - FCC (47 CFR Part 15) Class A
  - ICES-003 Class A
  - EN55022 Class A
  - CISPR 22 Class A
  - A/C Tick

- VCCI Class A
- EN50224
- ROHS compliant

### Environmental requirements

- Operating temperature: 40–104° F (5–40° C)
- Relative humidity: 20–85% (non-condensing)
- Storage temperature: -22–131° F (-30–55° C)

### Recommended room conditions

- Reverberation time: <0.54 seconds
- Noise level: <48 dBA

### Warranty

- 12 months

### Country of origin

- Thailand

### Part number

- 2200-07300-001 (Console only)

EX microphones and subwoofer purchased separately

### Polycom SoundStation VTX 1000 ships with

- Tabletop console with integrated display and keypad
- Power/network interface module
- User documentation (user guide, quick installation guide, registration card)
- Cables
  - 1 Power cable (console)
  - 1 21 ft (6.4 m) console cable
  - 1 7 ft (2.1 m) telco cable

### Audio enhancements

- Automatic Gain Control (AGC)
- Dynamic Noise Reduction
- Gated microphones with intelligent microphone mixing
- 80 Hz–7 kHz VTX wideband audio

