



## DATA SHEET

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# Polycom® SoundStation2™ Avaya 2490

## Digital PBX conference phone

### Remarkable voice quality with Avaya® DEFINITY® compatibility for small to midsize conference rooms

SoundStation2 Avaya 2490 is the ideal conference phone for Avaya DEFINITY digital PBX environments. Just connect the conference phone directly into a DEFINITY ECS digital wall jack. You don't need an analog port, analog adapter, or complicated connections to take advantage of Polycom's legendary voice quality in your conference rooms.

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. Users can speak in a normal voice and be heard clearly up to ten feet away – making every call a more productive call. 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. It also features technology that resists interference from mobile phones and other wireless devices, delivering clear communications with no distractions.

SoundStation2 Avaya 2490 provides users with advanced features, enabling conference calls that are more flexible and productive than ever before. Add up to two optional Expansion Microphones, ensuring that the microphone pickup reaches to all corners of a medium-sized conference room. The 2.5mm Applications Port allows you to connect the SoundStation2 Avaya 2490 to a mobile phone for conference calls from locations without phone lines, or to a computer for Internet calling. A large backlit display offers easily visible call information and telephone functions. With traditional telephone features like redial, mute, transfer, and hold, you have a conference phone that's also familiar and easy to use.

\*Dependent upon DEFINITY ECS configuration



### Benefits

- **DEFINITY ECS conferencing feature** – Direct access to your Avaya DEFINITY's conferencing feature allows quick and easy connections of up to six\* locations in a call without using a conference bridging service
- **More productive calls** – Patented Polycom Acoustic Clarity technology delivers crystal-clear conversations, making conference calls more productive
- **Hear and be heard clearly** – Intelligent microphones and Dynamic Noise Reduction technology ensures everyone can be heard
- **Resists interference from mobile phones** – Clearer calls with no distracting noise from wireless devices
- **Backlit display provides important information** – Displays console phone number, number called, duration/progress of call and supports worldwide Caller ID\*
- **Ability to increase microphone pickup** – Optional extension microphones expand coverage for larger conference rooms
- **Connect to mobile phones and PCs** – Applications Port offers unmatched flexibility for mobile phone and Internet calling

## Architecture

- Tabletop console contains audio processing functions and keypad. Wall module contains power and PBX line interfaces.
- Cables consist of 21 ft (6.4 m) single-cord connection to tabletop console and 6 ft (1.8 m) connection to RJ-11 telephone jack. Optional Extended microphone modules connect to console via 7 ft. (2.1 m) cables

## Console Specifications

### Size (L x W x H)

- 14.5 x 12.25 x 2.5 in
- (36.8 x 31.1 x 6.4 cm)

### Weight

- 1.75 lb. (0.8 kg)

### Power

- 110V 60Hz AC / 220V 50 Hz AC (depending on country-specific SKU)

### Network interface

- Avaya DEFINITY ECS

### PBX Compatibility

- Compatible with any DEFINITY voice port that supports the 6400, 7400 or 8400 series phones (except the Callmaster series)

### Display

- 132x65 pixel backlit graphical LCD

### User interface\*

- User selectable ring tones
- Configurable soft keys for easy dialing of voice conferencing services
- Multi-lingual support: English, German, French, Italian, Spanish, Portuguese, Norwegian
- Password protected configuration settings for administrators

### Caller ID and phone book

- Phone book/speed dial list – up to 25 entries

## Keypad

- 12-key telephone keypad
- On-hook/off-hook, conference, mute, volume up/down keys, menu, navigation keys\*
- 3 context sensitive soft keys\* including redial, hold, programmable conference key

## Console loudspeaker

- Frequency response: 300 to 3300 Hz
- Volume: adjustable to 94 dBA SPL (peak) volume at 0.5 meters

## Console microphones

- 3 cardioid microphones 300 to 3500 Hz

## Audio

- Polycom Acoustic Clarity full duplex – IEEE 1329
- Type 1
- Up to 10 ft. microphone pick-up range
- Gated microphones with intelligent microphone mixing
- Dynamic noise reduction

## Interfaces

- 2 EX microphone connections\*
- Applications Port\* for connection to other communication devices such as mobile phones† and computers
- RCA Auxiliary audio jack

## Accessories

- 2 cardioid extension microphones 300 – 3500 Hz (for EX model only)

## Regulatory compliance

- NA CI/C-UL
- FCC Part 68
- FCC Part 15 Class B
- Canadian ICES-003
- CE Mark (R & TTE Directive)

## Environmental requirements

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

## Recommended room conditions

- Reverberation time: <0.5 seconds
- Noise level: <48 dBA

## SoundStation2 ships with:

- Tabletop phone console
- 21 ft. (6.4 m) cord to console
- 6 ft. (1.8 m) telco cable to RJ-11 telephone jack
- User documentation (user guide CD, quick installation guide, registration card)

## Warranty

- 1 year

## Part Numbers (North America)

- 2305-16375-001: SoundStation2 Avaya 2490
- 2200-16155-001: Extension microphone kit

\* Not available on all models

† SoundStation2 uses a cable that connects to a standard 2.5mm headset connector. If your mobile phone model does not support this type of connection you will need an adapter (not included).

Connecting the SoundStation2 to a mobile phone is analogous to connecting a headset to a mobile phone. Not all mobile phone models recognize the SoundStation2 as a headset. For a list of mobile phones that are known to work with SoundStation2, please consult [www.polycom.com](http://www.polycom.com).

Users receive the same great quality and features as the Polycom SoundStation2 conference phone, including:	
Polycom Acoustic Clarity Full Duplex	•
3 Cardioid microphones	•
10ft Microphone Pickup range	•
Intelligent microphone mixing	•
Dynamic Noise Reduction	•
Volume (adjustable up to 94 dBA @ 0.5m)	•
User selectable ring tones	•
12-key telephone keypad	•
Mute, Volume up/down keys	•
Mute, Conference keys	•
Graphical Backlit LCD	•
Configurable conference Speed Dial Key	•
3 Context sensitive soft-keys	•
Multi-lingual User Interface	•
CallerID	•
25 Entry Phone Book	•
RCA Auxiliary Audio Jack	•
Applications Port	•
EX microphone jacks	•

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### About Polycom

Polycom is the global leader in standards-based unified communications (UC) solutions for telepresence, video, and voice powered by the Polycom® RealPresence® Platform. The RealPresence Platform interoperates with the broadest range of business, mobile, and social applications and devices. More than 400,000 organizations trust Polycom solutions to collaborate and meet face-to-face from any location for more productive and effective engagement with colleagues, partners, customers, specialists, and prospects. Polycom, together with its broad partner ecosystem, provides customers with the best TCO, scalability, and security for video collaboration, whether on-premises, hosted, or cloud-delivered. Visit [www.polycom.com](http://www.polycom.com) or connect with Polycom on Twitter, Facebook, and LinkedIn.

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