

Polycom® Vortex® Installed Voice Products

The right solution for any size installation

The Polycom Vortex line of installed voice products allows you to experience Polycom's legendary voice clarity in any size room. And now, the Vortex EF2280 and EF2241 are stronger than ever with improved audio quality, compatibility with virtually any type of microphone, and the units now run cooler and quieter - all leading to a more natural conferencing experience.

Large rooms present unique challenges to system designers. Microphones must often be mounted in the ceiling or incorporated into a table to provide the proper coverage and aesthetics. Poor audio quality and ambient background noise can degrade meetings and lectures. With industry leading acoustic echo cancellation, patented noise cancellation, and easy-to-use configuration software, the Vortex products perform well even in challenging acoustical environments and produce clear, crisp voice quality - even during simultaneous conversations.

The Vortex product line offers a range of solutions from single input to multi-microphone solutions with automatic microphone mixing, matrixing, and equalization for the most sophisticated environment. Multiple telephone callers can easily be added to a conference, and Vortex products are easily integrated with the revolutionary SoundStation VTX 1000™ wideband conference phone. Quick Install Packs make setup and installation of Vortex - SoundStation VTX 1000 systems fast and error-free. You can also integrate Vortex products with Polycom's VSX™ 7000 series and rack-mount VSX 8000, as well as ViewStation® and iPower™ product lines. And, you can operate everything with your AMX® or Crestron® room control system.

Polycom – The Market Leader Worldwide
Polycom has been the worldwide conference phone market leader since 1992, and is focused on providing innovative technologies for a broad range of voice and video conferencing applications.

The high-quality audio choice to access the power of Polycom unified collaborative communications solutions. With the greatest breadth and depth of integrated video, voice, and Web solutions, only Polycom delivers the ultimate communications experience. Our market-leading conferencing and collaboration technologies, supported by world-class service, enable people and organizations to maximize their effectiveness and productivity. Add to that the most experience and proven best-practices in the industry, and it's clear why Polycom has become the smart choice for organizations seeking a strategic advantage in a real-time world.

For unsurpassed voice clarity and increased productivity in your conference rooms and offices, there's only one clear choice: Polycom. To learn more about Polycom conference solutions and The Polycom Office, go to www.polycom.com.



Connect. Any Way You Want.

Installed Voice Products Comparison

All Vortex products measure 19" x 9.6" x 1.75" (483 mm x 244 mm x 45 mm) and are designed to be installed in a standard equipment rack. Connections to microphones, video conferencing equipment and other devices are made on the rear panel.



Vortex EF2201

A DSP-based "phone add" for audio and video conferencing

Vortex EF2210

Echo and noise canceller for upgrading existing systems for audio conferencing

Vortex EF2211

Echo and noise canceller with "phone add" and power amp - great for small stand-alone applications

Vortex EF2241

Four-channel mic/matrix mixer with phone add and power amp - great for stand-alone applications

Vortex EF2280

Multi-channel mic/matrix mixer - ideal for large room applications

Feature

Audio Capabilities

Number of microphone inputs	0	1	1	4	8
Number of line level inputs	0	2	2	4	4
Number of line level outputs	0	3	3	8	12

Phone-Add Capabilities

Analog PSTN network interface	■		■	■	
-------------------------------	---	--	---	---	--

Voice Quality

Automatic microphone mixer		■	■	■	■
Noise cancellation on inputs - reduces background noise	■	■	■	■	■
Equalization on inputs and outputs	■	■	■	■	■
Automatic gain control - be heard regardless of your proximity to microphones	■	■	■	■	■
Number of independent microphone echo cancellation channels for voice clarity	0	1	1	4	8
Interfaces to SoundStation VTX 1000 for wideband audio - amazing quality!				■	■
Integrates with Polycom VSX video conferencing systems		■	■	■	■

Operational Features

10W Speaker amplifier		■	■	■	
Front panel LCD user interface	■	■	■	■	■
Cross point matrix	■	■	■	■	■
RS232 interface	■	■	■	■	■
Logic control and status	■	■	■	■	■
Maximum number of linked devices	8*	8	8	8	8*

Other

Compatible with <i>InstantDesigner™</i> software	■	■	■	■	■
Create PDF reports of configuration	■	■	■	■	■
Create DXF drawings of the system	■	■	■	■	■
Available in Quick Install Packs with SoundStation VTX 1000, mics and speakers				■	

* 8 EF2280's + 8 EF2201's

Conference Composer™ and InstantDesigner Software

These powerful software tools, provided with each Vortex unit, allow you to easily configure your Vortex product(s) for any type of application. Design your system in a few easy steps with *InstantDesigner*, a room configuration wizard that automatically configures your Vortex product(s) based on the number and type of equipment required in the installation. With support for Polycom VSX™ video codecs and multi-zoned sound reinforcement/voice lift, *InstantDesigner* makes it even easier to design complicated systems in just a few minutes.

Customizable settings in *Conference Composer* include 5-band parametric EQ on all inputs and outputs; AGC controls; noise cancellation levels, matrix mixing (with adjustable cross point gain levels), macro commands for cascading events and more.

