



Shimizu Corporation

Models used → PJP-100UH (4 units), PJP-50R (13 units)
Date purchased → August, 2006
Basic configuration → Using the PJP-100UH as a high-performance conference microphone speaker for their Web conference system (NTT IT Corp.)

Corporate Profile

Founding 1804 (Bunka era) by Kisuke Shimizu
Capital 74.4 billion yen
Consolidated sales 1.65 trillion yen (fiscal year ending in March, 2007)
Employees 11,357 (as of April 1, 2007)
Activities General Contracting, Architecture/Engineering and Related Services
Head office SEAVANS SOUTH, 1-2-3 Shibaura, Minato-Ku, Tokyo, Japan
URL <http://www.shimizu.co.jp/>

Shimizu Corporation created an active multiperson Web conference system with the PJP-100UH high performance conference microphone speaker.

Background

Their existing Web conference system did not offer smooth multiperson conferences.

Web conferencing at hundreds of locations
Objective to cut costs and support field offices
Used clumsy hand-held microphones

Founded in 1804, Shimizu Corp. is a world leading general contracting company with sales of approximately 1.65 trillion yen and an over 200 year history. Shimizu's offices and numerous other locations are dispersed inside and outside of Japan. To reduce business trip related expenses and to smooth communications between their hundreds of locations in Japan, they purchased the "MeetingPlaza" Web conference system by NTT IT Corp. Microphones, speakers, and other audio devices were also needed to make the Web conference system work like a video conference system, but these devices had problems such as requiring that users pass a microphone back and forth whenever the speaker changed. To solve such problems, they purchased the Yamaha PJP-100UH as a high performance conference microphone speaker.

Choosing the PJP

The PJP allows you to speak naturally, even during lively two-way discussions.

No echo or howling
Easy connection and setup
Stylish functionality for the conference room

Shimizu considered several microphone speakers and came up with four requirements: 1) conference-interrupting "howling" should not occur; 2) it should not be necessary to adjust volume and microphone directionality, and sound quality should be superior; 3) installation/ setup should be simple enough for anyone to use; and 4) the equipment should be stylish and blend in with the conference room. Since their conferences typically involved multiple persons speaking simultaneously, high performance duplex functionality would be a must. The product that met all of these requirements was the PJP-100UH. Because the Projectphone is equipped with a high-performance adaptive echo canceller, conferences are so smooth that participants hardly notice it. The ease-of-use that allowed anyone at any of the locations to use system was very highly regarded. It certainly achieved the "smooth conferencing" called for by the company.

Results

The PJP-100UH reliably supports manufacturing communications.

Sharing of materials on a large monitor
Two-way discussions with high quality sound
PJP optimizes the conferencing environment

Shimizu currently connects all of its locations in Japan via ADSL and other types of lines on which it operates its Web conference system. It installed four PJP-100UH's at the head office, and a PJP-50R at each facility. In addition to regular sales manager meetings, these units are used for production and design meetings that are held twenty to thirty times per week. In these meetings, sales, design, and construction professionals cooperate on high-level projects. While sharing the necessary drawings and materials on a large monitor, these conference participants can engage in lively two-way discussions with extremely high sound quality. This manufacturing communications platform of which Shimizu Corporation is so proud is reliably supported by the PJP- 100UH, Yamaha's high performance microphone speaker.

Model purchased

PJP-100UH

A high performance microphone speaker with 3 microphones, 12 speakers, and an adaptive echo canceller that make it ideal for conference systems.



The Yamaha PJP-100UH: Great sound, easy to use. Facilitates stress-free conversations even during lively discussions among several people.

Our Customers Speak

Combining our Web conference system with the PJP-100UH provided the optimum conference system solution for the company.

The Web conference system we purchased used a headset, and was very effective for person-to-person conferences. For example, the head office and workers in the field could discuss appropriate construction methods while looking at the same photographs. However, other multiperson conferences required us to use a microphone mixer and pass around a hand-held microphone during the meeting. The talkers were distracted by the microphone, or by the "howling" that sometimes occurred, and installation was complicated. Thanks to the PJP-100UH, we completely resolved all of these problems. "Manufacturing communication" involving the collective expertise of numerous professionals is essential to our company, and the PJP-100UH has gained a reputation as the optimum and indispensable microphone speaker for such communication.



Mr.Fumio Murota

Mr.Teruo Yamada

Perfect for Small Meetings: the PJP-50R

Join Web conferences from land lines and cell phones. The PJP-50R is ideal for small meetings.

Shimizu Corp. has adopted the PJP-50R as the microphone speaker for conferences at individual locations. The reasonably-priced PJP-50R comes with three connectors. The first is the "audio I/O port" used to connect the unit to a PC for use as a Web conference microphone speaker. The second is the "LAN port" for IP connections, and the third is the "LINE terminal" for connecting analog phone lines. Moreover, the unit has a built-in audio mixer that allows all connectors to be used simultaneously. Therefore it supports a very wide range of conferencing formats, accepting participants via IP phone, analog phone, cell phone, land line, and other sources. The PJP series will continue to support the various kinds of corporate communication being conducted at Shimizu Corporation.



The affordable PJP-50R is an essential tool for conferences with small numbers of participants.



The PJP-50R's various connectors

PJP-100UH Features

The PJP series integrates Yamaha's audio technologies for a new kind of conference system.

Adaptive echo canceller for smooth full-duplex performance.

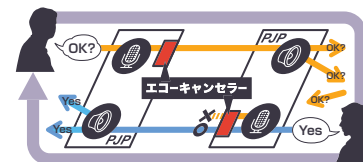
The PJP-100UH has a high-performance adaptive echo canceller that reliably eliminates echoes and reproduce voices with higher clarity. It minimizes feedback, thereby offering smooth full-duplex performance that's easy on both talkers and listeners.

Sound heard easily, even during long conferences.

When connected to a PC, the PJP delivers multiperson Web conferencing that is as smooth as video conferencing. No more speaking to the person next to you through a headset. Because you can speak naturally, you won't get tired during long meetings.

Can be used just about anywhere. Sets up easily via USB.

The PJP "studies" the environment to accurately handle echo allowing use in a variety of settings. Setup is very simple thanks to USB connectivity. Versatile enough to use anywhere.



From Our Sales Partners

The PJP offers a wide pickup range and an unsurpassed sound. It's got us saying, "now that's the sound of Yamaha."

Our "MeetingPlaza" Web conference system is highly regarded for its stable operation and other characteristics, and has been introduced in over 1,200 companies. Like Shimizu Corporation, various microphone speakers are often used as a set in conference rooms, but in terms of performance and specifications, the PJP is ranked at the top of them. The PJP is really the best model, especially for customers who are discerning when it comes to sound. I always carry the PJP catalog with me, and push to have my customers try the demo unit. I'm looking forward to further performance and pricing enhancements in the future.

Mr. Tsukumi Eiya, NTT IT Corporation



PJP-100H Specifications

- Dimensions: 750 (L) x 100 (D) x 65 (H) mm •Weight: Approx. 2.9 kg (excl. power adapter) •Power supply: 100 V AC (50/60 Hz)
- Format: Voice conference equipment •Supported protocols: UPnP, SIP, DHCP •LAN interface: 10/100Base-TX
- Audio encoding: G.711 extended original system (fs = 16 kHz), G.711 (u-Law), G.726 •Audio interfaces: analog audio I/O (3.5 mm diameter stereo mini-jack); frequency bandwidth: 300-700 Hz; main unit speakers: 12, arrayed; volume: 85 dB (0.5 m) or higher; main unit microphones: 16, arrayed (on each side); directivity control function •Other functions: adaptive echo canceller, noise reduction, multilocation voice conference functions (mesh connection: max. 4 locations, cascade connection: max. 8 locations), firmware upgrading function (HTTP, TFTP)



For details please contact:

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