YAMAHA

Project Phone

Wideband audio microphone speaker for business conferencing

Color: White / Silver (USA only)

Conference Microphone Speaker

PJP-50USB

| Applications | PC (microphone speaker) |
| Interfaces | USB Port / Audio (IN/OUT) |

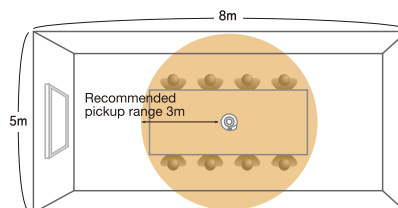| Mics	Spkrs	Pickup rng	Max vol	Adaptive echo-cnclr	Noise Reduction	USB (Plug&Play)	Supports RoHS	Firm rev upgrd
8	4	Rec 3m Max 5m	85dB					

Easy to connect, Easy to use

The PJP-50USB is a conference microphone speaker with a built-in high performance echo canceller. When connected to a PC with a USB or audio cable, the PJP-50USB enhances your softphone or Web conferencing system for multiperson response that is as smooth as video conferencing.

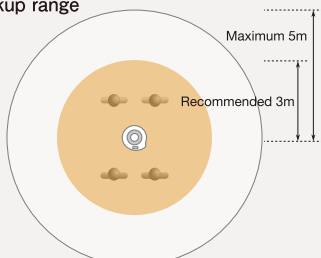## High sensitivity microphones

Eight of the PJP-50USB's high sensitivity microphones achieve equivalent or better audio pickup than twice the number of conventional mics. And with auto gain control, distant or quiet voices are picked up better than ever. At the same time, we also improved horizontal and vertical pickup performance by arranging placement of the arrayed microphones. Projector and ventilation noises are avoided because the pickup is resistant to sounds directed at the ceiling.

20 kHz wide bandwidth echo canceller

Built-in wide bandwidth echo canceller that also supports HD audio codecs including AAC-LD. Pickup and playback with no loss in sound quality will provide a smooth and pleasant conversation.
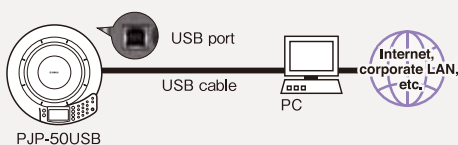
8m

5m

Recommended pickup range 3m

Pickup range

Maximum 5m

Recommended 3m

Connections

Connections via USB cable

USB port

USB cable

PC

Internet, corporate LAN, etc.

PJP-50USB

Connections via audio cable

Audio I/O terminal

Audio cable

PC

Internet, corporate LAN, etc.

PJP-50USB
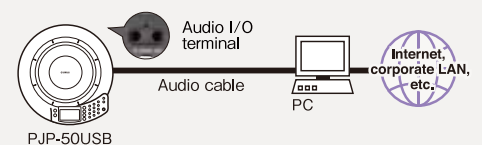
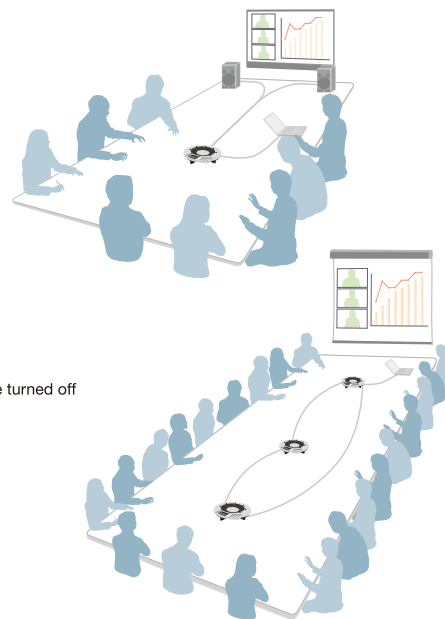## Adaptive echo canceller for use in any kind of room

The Projectphone's adaptive echo canceller "studies" the operating environment and automatically adjusts the echo-filter factor accordingly. And since it performs well in many different acoustic conditions, you can easily hold conferences in any room or space available.

Daisy-chain and External Speaker

PJP-50USB can be daisy-chained up to 4 units via audio cables. Total of 16 speakers and 32 microphones will pick each of the whispers up while playing every murmur back, loud and clear for all. By connecting the Master unit to a PC via USB, and the chained units via audio in/out, VOL and MUTE of all the chained units will be interlocked. PJP-50USB can also be connected to external speakers, fulfilling the need of a higher volume while utilizing those powered speakers in your cabinet.

*Power supply necessary for all daisy-chained PJP-50USB units
**When external speakers are connected, main unit speakers will be turned off
***Yamaha MSP3 recommended for external speakers

Specification

For complete specifications > http://www.yamaha.co.jp/english/product/projectphone/products/50usb/index-3.html

PJP-50USB Conference Microphone Speaker		
General	External interfaces	USB 2.0 Full-Speed, analog audio input/output ~ 1 each (stereo mini-jacks) AC adapter connector (DC-12 VIN): Accessory AC power adapter
	Max. power consumption	9.0 W or less
	Radio interference standard	VCCI-class B
	Operating environment	Operating temperature: 0-40 °C, operating humidity: 20-85% (no condensation)
	Dimensions	283 (W) ~ 52 (H) ~ 298 (D) mm
	Weight	1.4 kg (excl. power adapter)
	Power supply	100 to 240 V AC(50/60Hz)
	Accessories	AC adapter, power cable, USB cable (2 m), CD-ROM, owner's manual
	System environment	Windows® 7, Windows® Vista SP1 or higher (32bit), Windows® XP SP2 or higher (32bit), Windows® 2000 SP4 Macintosh® OS 10.5 (with Intel® processor only)
	Others	Firmware revision upgrade (transferred from PC via USB)
Audio	Microphones	8 microphones, microphone auto tracking function
	Speakers	4 speakers, mono playback, volume: 85 dB
	Frequency range	300-20,000 Hz
	Signal processing	Adaptive echo canceller, noise reduction, microphone array control

Top View

298mm

Side View

283mm

52mm

❶ Microphone indicator
❷ Arrayed microphones
❸ USB port
❹ DC IN 12V
❺ AUDIO IN
❻ AUDIO OUT