2007.12

IP Audio Conference System

PJP-50R(s)

A user-friendly multiinterface voice conferencing system that's easy on the listeners and easy on the talkers.

Easy on the talkers

Sixteen arrayed microphones at the top of the unit reliably reproduce the voices of the conference participants. Also, a high performance adaptive echo canceller prevents annoyances such as echoes, cut-outs, and drops in volume when participants are speaking at the same time, ensuring that your conference proceeds smoothly.

Easy on the listeners

The undermounted four speaker array follows acoustic design principles for sound reproduction that is comfortable to the ear. Yamaha's proprietary three channel echo canceller and virtual sound source generation technology spatially divide audio output so that voices can be clearly differentiated even during multipoint/multiperson conferences.

Easy to connect

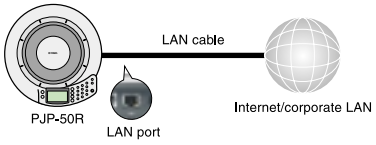
The PJP-50R(s) is equipped with IP network, analog phone line, and audio interfaces for broad flexibility of application. An integrated audio mixer lets you combine multipoint IP, analog, and audio inputs. Also, a high performance adaptive echo canceller facilitates conferencing in a variety of environments from large, open-space offices to small meeting rooms with high reverberation.

A variety of connector types

Multifunctional, high-fidelity IP connection

When a cascade connection is created through the Internet, a corporate LAN, or other network, a multipoint conference of up to eight locations can be opened with no additional hardware. Offers high-fidelity, multipoint, and multiperson conferencing.

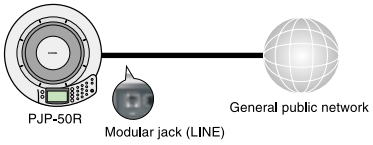
Connections



Connects with land line and mobile phones

Comes standard with an analog phone/modular jack. When connected through a phone line, the PJP-50R(s) can link up with land line phones, mobile phones, or any conferencing system from other manufacturers that supports analog telephony.

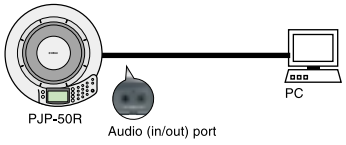
Connections



Connects to a PC with an audio cable

You can connect the unit to a PC as an external microphone speaker with an audio cable. It is also ideal as a microphone speaker for Web conferencing.

Connections



IP Conference System Website

http://www.global.yamaha.com/products/projectphone/

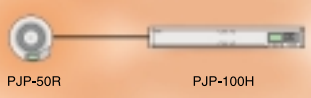
Pickup range

The PJP-50R is suitable for approximately four participants.

Connection example

You can expand the pickup range by daisy-chaining PJP-50R's with audio cables.
The PJP-50R can also be linked up with the PJP-100H/PJP-100UH for use by a large number of people, and in various other circumstances.

*IP, PSTN only



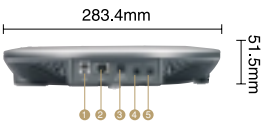
Specification

For complete specifications > **http://www.yamaha.co.jp/english/product/projectphone/products/pjp-50r.html**

		PJP-50R (S) IP Audio Conference System
	UPC	086792859972
	EAN	49 60693 23316 0
General	External interfaces	Ethernet (10/100Base-TX) Analog phone/modular jack, Stereo analog audio in/out x 1 each (mini-jacks) AC adapter connector (DC-12 V IN): for the provided AC power adapter
General	Installation attitude	Horizontal ±5°
General	Power consumption	Approx. 8 W
General	Radio interference standard	FCC part 15 (US), EN 55022 (EU)
General	Operating environment	Operating temperature: 0 – 40°C (32 – 104°F) Operating humidity: 20% – 85% (no condensation)
General	Size	283.4(W) x 51.5(H) x 297.5(D)mm
General	Weight	Approx. 1.4 kg (excl. power adapter)
General	Power supply	100 to 240 V AC (50/60 Hz)
General	Accessories	AC adapter, power cable, LAN cable, phone cable, owner's manual, warranty card
General	Other	Logging facility (SYSLOG) Firmware revision update (HTTP, TFTP) Settings (Web menu and front panel key operations)
Audio	Arrayed microphones	Zone audio pickup function, spot audio pickup function microphone auto tracking function
Audio	Arrayed speakers	Point audio source control, directivity control, diffusion mode (monaural output) Divide mode, talker position output mode, max positions: 3 Output level: 85 dB
Audio	Frequency range	300–7000 Hz (wide band)
Audio	Signal processing	3-ch adaptive echo canceller, noise reduction, microphone/speaker array control
Communications	Connecting locations	Mesh connection (max. 4 locations), cascade connection (max. 8 locations)
Communications	Transmission band required for audio codec	G.711 extended original system (fs = 16 kHz) 2-location call: 160 kbps, uplink and downlink 3-location call: 320 kbps, uplink and downlink 4-location call: 480 kbps, uplink and downlink G.711 A-law / μ-law 2-location call: 90 kbps, uplink and downlink 3-location call: 180 kbps, uplink and downlink 4-location call: 270 kbps, uplink and downlink G.726 2-location call: 60 kbps, uplink and downlink 3-location call: 120 kbps, uplink and downlink 4-location call: 180 kbps, uplink and downlink
Communications	Other functions	Compliance with DHCP, and SIP: internal clock time synchronization with SNTP server

Top View

Side View



1 LINE input
2 LAN port
3 DC IN 12V
4 AUDIO IN
5 AUDIO OUT

*All specifications subject to change without notice. System specifics may vary.

For details please contact:

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