



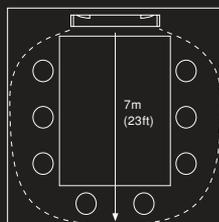
## A video conferencing system for flat-panel displays with 16 arrayed microphones, 14 arrayed speakers, and 3 cameras

Video Conference System / IP Video Conference Codec

# PJP-300V(B)/PJP-VC1(B)

### Unmatched audio pickup performance

Sixteen arrayed microphones for reliable conference room voice pickup. Built-in automatic gain control automatically adjusts the level to pick up voices at a uniform volume regardless of the seating arrangement. An approximately seven-meter (twenty-three-foot) voice pickup range is achieved just with the unit's built-in microphone array, eliminating the need for additional external microphones. Now you can "spread out" on the conference room table—no more microphones and cables on the tabletop.

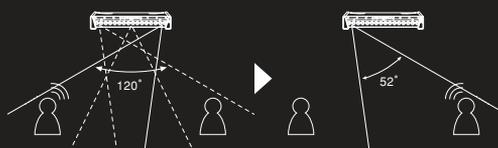


Approximately 7 m (23 ft)

Actual pickup range may vary depending on location and connections.

### Talker detection function instantly captures and projects the image of the talker

The sixteen microphones arrayed on the top of the main unit automatically track the talker and instantly point the three cameras to capture and project the talker's image. Conferences can proceed smoothly because it is not necessary to adjust cameras manually—the cameras change direction quickly to track the talker.



Automatic camera tracking function captures the talker

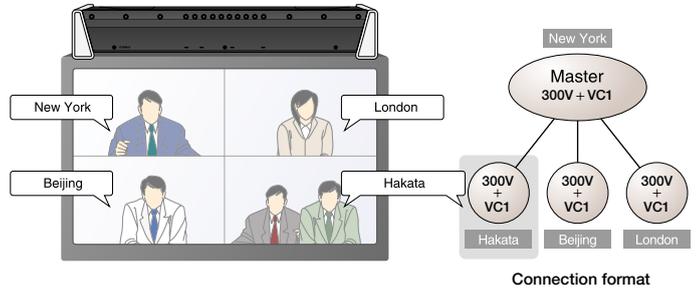
### Slim design neatly accommodates flat-panel displays

A sleek design with linearly arranged microphones, speakers, and cameras is the result of Yamaha's pursuit of functionality that combines high pickup and reproduction performance with seamless transitioning of image capturing and projection. Its stylishly simple shape neatly accommodates flat panel displays. An attractive video conferencing system is easily made complete by adding the ST-300 dedicated stand.

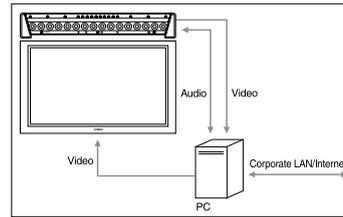
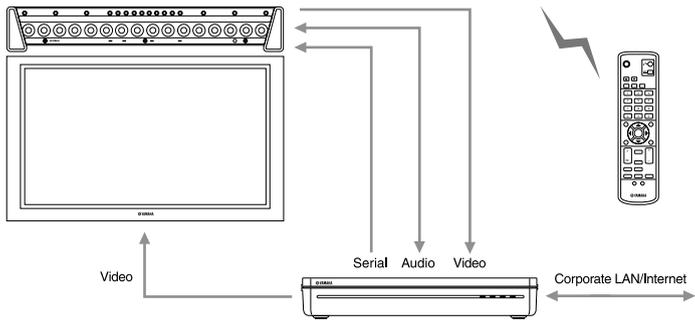


### Multi-point connection

When PJP-300V is connected to PJP-VC1, you are able to connect 4 areas simultaneously without a multi-point control unit (MCU). Connection is made by setting 1 unit as a master (=Setting up the multi-point connection), and mixing audio/video within this master unit



### Connections



The PJP-300V can be connected to a PC for use as a standalone Web conferencing



ST-300 (optional)

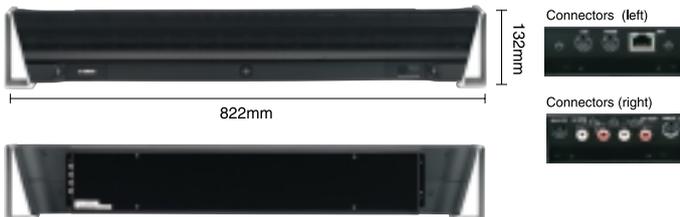
### Specification

For complete specifications > <http://www.yamaha.co.jp/english/product/projectphone/products/pjp-300v.html>

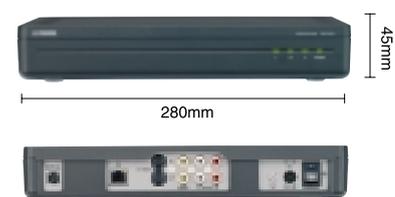
	PJP-300V (B) Video Conference System	PJP-VC1 (B) IP Video Conference Codec
UPC	086792859989	086792859996
EAN	49 60693 23317 7	49 60693 23318 4
Protocols	-	H.323, SIP
Maximum data rate	-	128 kbit/s–1920 kbit/s (384 kbit/s or faster recommended)
Video encoding	-	H.261, H.263, H.264
Video formats	NTSC, PAL	
Main cameras	1.3 megapixels CMOS cameras x3, horizontal field of view: 52°, 120° pan, auto white balance	-
Camera tracking	3-D auto-tracking/fixd	-
Audio encoding	-	G.722 (64kbit/s), G.711 $\mu$ -law/A-law (64kbit/s), G.729a (8kbit/s)
Microphones	Built-in 16 arrayed microphones (zone pickup mode)	-
Speakers	Built-in 14 arrayed speakers (point audio source diffusion mode)	-
External interfaces	Audio inputs and outputs: RCA stereo Video output (S-video x 1) Ethernet (10/100Base-TX x 1) Serial port: mini-DIN, 8-pin x 2 (for connecting to PJP-VC1, or extension)	Audio inputs and outputs: RCA stereo Video input (S-video x 1, composite x 1) Video output (S-video x 1, composite x 1) Ethernet (10/100Base-TX) x 1 Serial port: mini-DIN, 8-pin x 1 (for connecting to PJP-300V)
Power consumption	Approx. 18 W	Approx. 21 W
Radio interference standard	FCC part 15 (US), EN 55022 (EU)	
Operating environment	Operating temperature: 0 – 40°C (32 – 104°F), operating humidity: 20 – 85% (no condensation)	
Size	822 (W) x 132 (H) x 84 (D) mm	280 (W) x 45 (H) x 173 (D) mm
Weight	Approx. 4.3 kg (excl. power adapter)	Approx. 1.3 kg (excl. power adapter)
Power supply	100 to 240 V AC (50/60 Hz)	
Accessories	AC adapter, Power cable, LAN cable, Owner's manual Warranty card, Remote control, Battery (AA, R6, UM-3) Stereo audio cable, S terminal cable	AC adapter, Power cable, LAN cable, Owner's manual Warranty card, S terminal cable, Serial cable, Stereo audio cable, Bracket

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

PJP-300V



PJP-VC1



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