Unified Communications Speakerphone

YVC-300

Clear Audio, Room-Filling Volume.
Creating a New Standard for Conference Speakerphones.

| **High sound quality** | > | Yamaha's years of experience in audio processing technology make it "easy to speak", "easy to listen", and "stress-free" | **Expandability** | > | Flexibly connect using USB, Bluetooth, or Audio interfaces |
| **High volume** | > | Uses USB bus power to achieve the highest volume in its class | **Convenience** | > | Automatically measures the surrounding environmental to optimize acoustic settings |

Equipped with multiple original audio processing technologies similar* to the higher-grade model, the YVC-1000, to achieve comfortable remote communication

Achieve stress-free reciprocal conversations

Adaptive echo canceller

This removes echoes created when the microphone picks up sound from the speaker. Audio up to 20 kHz is processed to achieve smoother reciprocal conversations.

Eliminate noise and convey only voices

Noise reduction `HVAD`

Even if there is constant noise from a projector or from air conditioning, the noise is removed from the audio picked up on the microphone.

Adjust the volume of people close to and far from the microphone

Automatic gain control `HVAD`

Both loud and quiet sounds picked up by the microphone are adjusted to the optimal volume. This reduces differences in volume for the listener due to difference in voice levels and distance from the microphone.

Convey clear voices even where voices echo

Dereverberation

This processing reduces reverberation caused by the properties of the room. Even in spaces subject to reverberation, the listener hears the audio clearly.

Automatically track the person speaking

Automatic tracking `HVAD`

The speaker position detection function automatically tracks the direction of the voice. It does not react to sounds from things and only picks up people's voices.

*The "automatic room EQ" function from the higher-grade model, the YVC-1000, is not equipped.

HVAD
(Human Voice Activity Detection)

The microphone detects human voices with high precision when picking up audio. Combined with "noise reduction", "automatic gain control", and "automatic tracking", this makes the audio even clearer.

Typing noises

Detects a person's voice

Flipping through notes

"High Volume," highest in the USB bus power class

This achieves the highest volume in its class among USB-powered speakerphones, at approximately double the volume of the previous model, the "PJP-20UR". The momentary maximum volume is 91 dB and the frequency bandwidth for playback ranges from 190 to 20,000 Hz, making it easier to hear a wide variety of voices, from high to low. In meetings of about six people, your messages are conveyed clearly for stress-free communication.

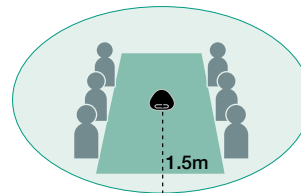## Bluetooth-equipped for easy use anywhere

For example, for simple meetings, you can easily bring it to an open space and connect to a tablet via Bluetooth. Since it automatically optimizes acoustic settings to match the surrounding environment, you can easily and comfortably hold a teleconference.
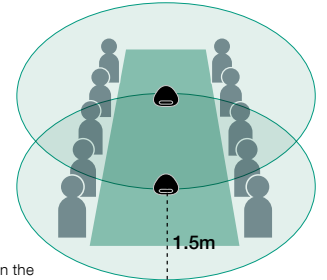
Image of microphone pick-up range

(Recommended within 1.5 m, up to 3 m. *Per device)
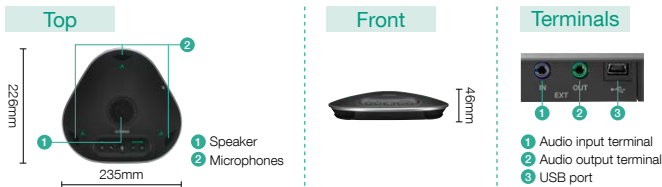
1 speakerphone

2 speakerphones

1.5m

1.5m

*The audio pick-up range varies depending on the communication method and environment of use.

● Specifications

Unified Communications Speakerphone
YVC-300

General specifications	
External interface	USB 2.0 Full Speed, Bluetooth, NFC (Near Field Communication), Audio input terminal (stereo mini jack), Audio output terminal (stereo mini jack)
Maximum power consumption	2.5W
Electromagnetic interference standard	FCC (Part15B) Class A, ICES-003
Operating environment	Operating temperature: 0 to 40°C, Operating humidity: 20 to 85% (no condensation)
Dimensions	235 (W) x 46 (H) x 226 (D) mm
Weight	0.8 kg
Power source	USB bus power: 5 V/500 mA
Supported OSs	Windows 10 (32-bit/64-bit), Windows 8.1 (32-bit/64-bit), Windows 8 (32-bit/64-bit), Windows 7 (32-bit/64-bit), Mac OS X 10.10, Mac OS X 10.9, and Mac OS X 10.8

Bluetooth	Bluetooth specification version: 2.1 + EDR Supported profiles: HFP (1.6), A2DP Supported codecs: CVSD, mSBC, SBC Wireless output: Class 2 Maximum communication distance: 10 m (no obstacles)
NFC	Compatible devices: NFC-compatible Android devices, versions 5.0, 4.4, 4.3, 4.2, and 4.1
Accessories	USB cable (3 m), User's Manual
Others	Firmware update (transferred from a PC through USB)

Audio specifications	
Microphones	3 (Unidirectional microphones)
Speaker	1
Volume	Momentary maximum: 91 dB (0.5 m)
Frequency bandwidth for sound pickup	100 Hz to 20,000 Hz
Frequency bandwidth for playback	190 Hz to 20,000 Hz
Signal processing	Adaptive echo canceller, Noise reduction, Automatic tracking, Automatic gain control, Dereverberation, Human Voice Activity Detection (HVAD)

Top
226mm
235mm
① Speaker
② Microphones

Front
46mm

Terminals
EXT IN OUT
① ② ③
① Audio input terminal
② Audio output terminal
③ USB port

For details, please contact:

◆YAMAHA
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