

AccuMic™ VC

Desktop Microphone Systems



The ClearOne AccuMic™ VC is an echo-cancelling microphone that connects directly to a set-top video codec to bring affordable, high-quality audio to videoconferences.

ENHANCE VIDEOCONFERENCES WITH ACCUMIC VC

ClearOne, the leader in professional audio conferencing systems, presents an easy way to significantly improve the quality of your videoconferences — the plug-and-play AccuMic VC.

The AccuMic VC microphone, formerly the AccuMic II, connects directly to a set-top video codec and provides better audio pickup than the codec's built-in microphones so all participants can be heard clearly. It also features Gentner® Distributed Echo Cancellation® and noise cancellation, which eliminate echo and noise for clear, natural-sounding audio and effective communication.

Wideband digital audio (50Hz–7kHz) further enhances the audio quality and allows the AccuMic VC to match video-codec bandwidth for maximum intelligibility.

The AccuMic VC incorporates advanced microphone activation (gating) features including first-mic priority, PA adaptive mode and adaptive ambient mode. These features prevent the microphones from picking up background noises — such as paper shuffling and sidebar conversations — and transmitting them to the distant site. And each microphone features an LED that illuminates when the microphone is activated so you can be confident you're being heard.

The AccuMic VC is ideal for desktops or small meeting rooms and can easily be expanded for larger rooms by adding a second AccuMic VC.

KEY BENEFITS

Easy to Connect and Use

The AccuMic VC is a true plug-and-play device. Simply connect it to your set-top video codec and begin experiencing dramatically improved audio.

Superior Audio

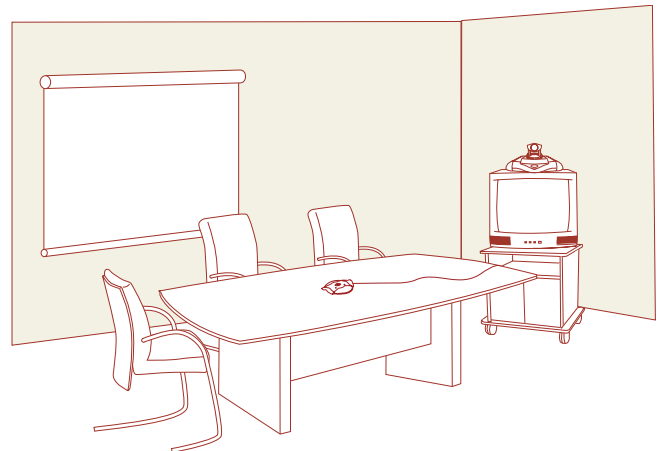
The AccuMic VC uses advanced audio technology to provide clear, full sound to videoconferences and to promote more natural interaction among participants.

Low Cost of Ownership

The plug-and-play design ensures minimal installation, training and maintenance costs.

Expandable

Connect an additional AccuMic VC to easily extend the audio pick-up range in larger conferencing rooms.

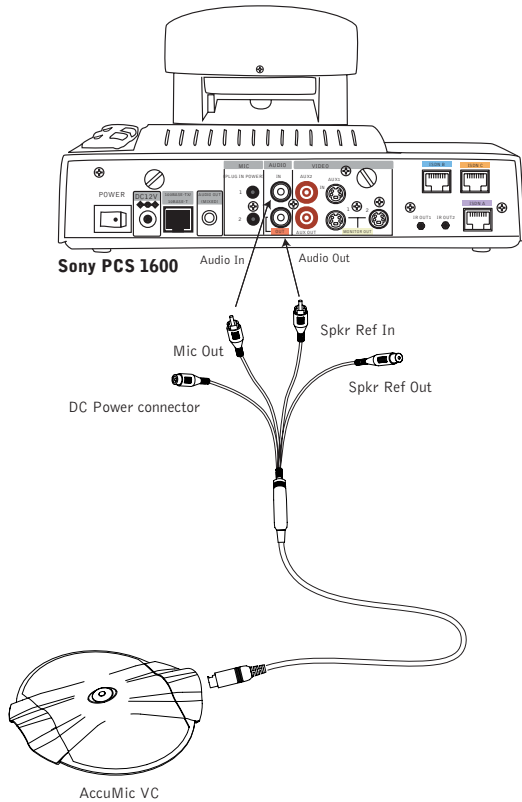


The AccuMic VC easily connects to set-top video codecs.

ClearOne
You're Virtually ThereSM

PRODUCT BRIEF

INSTALLATION DIAGRAM



PRODUCT FEATURES

- ▶ **3 microphone elements** for full 360-degree audio pickup
- ▶ **Distributed Echo Cancellation** eliminates echo and leaves clear, highly intelligible audio for effective, interactive conferences
- ▶ **Noise cancellation** eliminates background noises such as those created by air conditioning systems or fans
- ▶ **First mic priority** eliminates hollow "tunnel" sound by activating only the microphone closest to the person speaking
- ▶ **Expandable** to ensure adequate coverage in larger rooms
- ▶ **Adaptive ambient mode** prevents room (ambient) noise from gating on the microphone and adapts to changing noise levels
- ▶ **PA adaptive mode** prevents loudspeaker audio from activating microphones
- ▶ **Mute button** allows you to easily mute/unmute microphone to allow private discussion during a conference

PRODUCT SPECIFICATIONS

Dimensions (L x W x H)

8" x 6.5" x 1"
(20.3 x 16.5 x 2.5 cm)

Weight

1 lb (.45 kg)

Operation

Temperature: 41–104° F (5–40° C)
Humidity: 50–80%

Storage

Temperature: 41–158° F (5–70° C)
Humidity: 10–90%

Cables

35' (10.7 m) four-plug RCA cable:
Power In 12 VDC, 2.5 A, 25 W
Microphone Out
Speaker Reference In
Speaker Reference Out

Speaker Reference In

RCA plug
Nominal level: –10 dBu
Impedance: 200 Ohms

Speaker Reference Out

RCA jack
Nominal level –10 dBu

Power

12 VDC, 2.5 A, 25 W, center positive

Microphone Out

RCA plug
Nominal level: –10 dBu
Impedance: 100 Ohm

Microphones

3 elements, each with 120-degree pickup range

Visual Feedback Indication

3 LEDs that indicate direction of audio pickup

Mute Button

Mutes all mic elements

A/D Conversion

24 bit, 16 kHz

Frequency Response

50Hz–7 kHz

AEC Tail Time

130 ms

Noise Cancellation

6 dB attenuation

Auto Mixer and Input Configuration

Automatic gating control
PA adaptive mode
Adaptive ambient mode
Echo cancellation
Noise cancellation
First mic priority
NOM

Regulatory and Standards

FCC, CE, IC

Part Number

910-156-115

Optional Extension Mic Kit

910-156-117 Includes AccuMic VC microphone and 10' (3 m) extension cable.