



VTC AccuMic™ Video Conferencing Microphone Pad

The VTC AccuMic™ is a high-quality, affordable accessory that enhances the audio of any video, Internet, or PC conferencing system.

Using innovative microphone technologies, the VTC AccuMic delivers superior audio clarity.

VTM™ (Voice Tracking Microphone) uses multiple microphones to create 360-degree dynamic audio pickup. Illuminating LEDs track the direction of your voice, letting you know you're being heard at the distant location.

Automatic gain control with noise suppression automatically increases or decreases audio gain to maintain a consistent audio level and reduce background noise.

Acoustic echo cancellation removes echo and eliminates clipped speech. The VTC AccuMic uses wide-band digital audio (50Hz–7kHz) to provide high-quality, intelligible sound.

You can extend the audio pickup range of your VTC AccuMic while maintaining sound quality by connecting to a second microphone pad. This flexibility makes the VTC AccuMic a great fit in a variety of conferencing environments.



The VTC AccuMic uses multiple microphones to create 360-degree dynamic audio pick-up.

Features and Benefits

- VTM (Voice Tracking Microphone) for 360-degree dynamic audio pickup
- Echo cancellation removes echo and eliminates clipped speech
- Audio Digital Signal Processing (DSP)
- LED Visual Feedback Indicator indicates direction of audio pickup
- Dynamic automatic gain control with noise suppression produces clearer audio
- Link one additional VTC AccuMic to extend audio pick-up range

Applications

- Conference Rooms
- Document Sharing
- Distance Learning
- Engineering Collaboration
- Multi-Facility Management
- Point-to-Point and Multipoint Bridging
- Meetings
- Telemedicine

Specifications

Power

15–18VDC, 500mA, 2.1 mm
center positive

DSP

TMS320C32, 60MHz

A/D Conversion

16 bit, 16kHz

Frequency Response

50Hz–7kHz

AEC Tail Time

64ms

Microphone Out

RCA jack
Nominal level: -15dBu
Impedance: 1k Ω

Speaker Reference In

RCA plug
Nominal level: -15dBu
Impedance: 10k Ω

Speaker Reference Out

RCA jack
Nominal level -15dBu
Impedance: in parallel with Speaker
Reference In

Cables

- (1) 25'/7.5 m 8-pin to 9-pin mini-DIN
(10'/3 m cable available, order
830-000-041)
- (1) 8-pin to 4-way breakout cable
adapter:
 - 1 Power In 15–18VDC, 500mA
 - 1 Microphone Out
 - 1 Speaker Reference In
 - 1 Speaker Reference Out

Features

Microphones

3 elements

Visual Feedback Indication

3 LED indicators which indicate direc-
tion of audio pickup

Mute Button

1 (blue button)

AGC

Dynamic automatic gain control with
noise suppression

VTM

360-degree dynamic audio pickup

AEC

Removes echo and eliminates
clipped speech

Enclosure

Zinc die-cast base with metal
grill cover

Operation

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

Storage

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

Dimensions (L/W/H)

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

Weight

1 lb/.45 kg

Color

Black

Model Number

IM-400

Part Number

910-156-110

Regulatory and Standards

FCC:
Class A
Part 15, sub part B
Meets ITU-T recommendation G.167