

AMX Acendo Vibe™ Conferencing Sound Bar with Camera

ACV-5100GR, Grey (FG4151-00GR)

ACV-5100BL, Black (FG4151-00BL)



Overview

The Acendo Vibe 5100 is an expertly designed web conferencing sound bar with integrated camera. Featuring a wide-angle, 110° field-of-view camera; sound by JBL; far-field microphone array; echo cancellation; ambient noise reduction; Bluetooth® and USB connectivity; and a look that enhances modern workspace architecture, Acendo Vibe supports the high standards of today's workforce.

See and hear everyone in the room, thanks to Acendo Vibe's wide-angle camera, integrated JBL speakers, far-field microphones, and digital signal processor (DSP) algorithms. Echo cancellation and ambient noise reduction eliminate distracting background noises.

HDMI, USB and Bluetooth® connectivity support Bring Your Own Device (BYOD) environments as well as integration with Acendo Core for an enhanced and intuitive room collaboration experience. CEC display control turns the display on or off in response to triggers. Acendo Vibe's dedicated audio inputs and outputs can be used to integrate additional technology such as hearing-enhanced systems.

Common Applications

With the trend toward open working environments, small meeting spaces are becoming more and more important. It is critical these spaces be well suited for quick, intuitive collaboration, so as not to interrupt daily work flows. BYOD meeting spaces often lack technology, which translates to a group huddling around a laptop and trying to hear, and speak, using the laptop audio and video (which is really meant for an individual rather than a group). With a very reasonable entry price, and low total cost of ownership, Acendo Vibe is ideal for any collaboration space, and can even be incorporated into small spaces without plans for technology.

Features

- **Sound by JBL** – Hear everything in the meeting with speakers, microphones, and DSP algorithms from JBL.
- **Wide-Angle Camera (110° FoV)** – The wide-angle camera means that everyone in the room can be seen, including those people sitting close to the display. This makes Acendo Vibe perfect for small rooms where the table is near the display.
- **Far-Field Microphone Array** – Ensure everyone is heard.
- **Echo Cancellation** – Delivers crisp audio eliminating the potential for echo.
- **Ambient Noise Reduction** – Eliminates distracting background sounds like HVAC.
- **Elegant Design** – Modern office environments are designed to attract and retain the most talented employees through the use of elegant interior design and the use of tactile materials, such as fabrics. Acendo Vibe is built using high-quality materials and is available in colors which complement interior design.
- **CEC Display Control** – Acendo Vibe will turn the display on and off in response to triggers, making it even easier for users to get started with their meeting. For example, by plugging a laptop into Acendo Vibe, the display will turn on and show the laptop content. Because this is all done with CEC, there are no additional cables or programming required.
- **USB and Bluetooth Connectivity** – Use Acendo Vibe in BYOD applications with a user's laptop or mobile phone, or use it with Acendo Core to create a complete, highly optimized meeting solution.
- **Remote Control** – Control volume, mute, source and call control—all from the table.
- **Integrated Mounting Bracket** – The integrated wall mount facilitates installation by a single person. This mount allows customers to connect and route all the cabling with Acendo Vibe on the wall and then simply rotate Acendo Vibe into position.

Specifications

GENERAL	
Dimensions	5 ¼ " x 23 ½ " x 4 1/8" (132 mm x 590 mm x 105 mm) Depth without wall mount spacers: 3 15/16" (100 mm) Height without camera: 3" (76 mm)
Weight	6.45 lbs. (2.93 kg.)
Mounting Options	Built-in wall mount with hinge that allows installers to connect and manage cables when Acendo Vibe is hanging on the wall. Installed rubber feet for placement on a credenza or tabletop. Rubber feet can be removed for installation on a wall; however, it is important to note that for optimum sound quality, rubber feet must be present when resting on a table.

CAMERA	
Resolution	Up to 1920x1080p 30 fps
Camera Sensor	1/2.7" CMOS sensor
Field of View (Diagonal)	110° wide-angle
Focus	15 cm to infinity
Camera Rotation	can be rotated horizontally 175° (± 5°) in either direction
Camera Tilt	down 5° / up 15°
Encoding Format	H.264
Zoom	Fixed

CONNECTORS	
Analog Stereo Input	1/8" mini-stereo Jack
Analog Stereo Output	1/8" mini-stereo Jack
Optical Stereo Input	TOSLINK
Power	IEC C8 inlet

RS-232	3-pin Phoenix connector (mating connector not included)
USB	Type-B receptacle (USB 2.0)
HDMI Input	Type-A receptacle
HDMI Output	Type-A receptacle
Occupancy Sensor Input	3-pin Phoenix connector (mating connector not included)

USB	
USB 2.0	Camera, microphones, and speakers connect to PCs using standard Plug and Play (PnP) UAC/UVC drivers USB connection used to configure Acendo Vibe using PC/Mac application.

HDMI	
Supported	HDCP 1.4
Resolution Support	Up to 4K60 CEC display control on output
Audio Support	Support for uncompressed stereo PCM audio. No support for Multichannel Surround Sound.
Display Control	CEC for display control on HDMI output

BLUETOOTH® 4.0	
Supported Profiles	Hands-free profile Advanced audio distribution profile
Radio Frequency (RF) Range	2400 MHz – 2483.5 MHz
RF Output Power	< 10 MW

AUDIO	
Supported	Stereo 10W with channel amplifier Dual, far-field microphone array Built-in Acoustic Echo Cancellation (AEC)

REMOTE CONTROL	
Functions	Connects using Bluetooth®. Functions: <ul style="list-style-type: none"> • Bluetooth® pairing for mobile devices • Disconnect (hang up) • Microphone mute • Source select • Volume up/down • Volume mute

REGULATORY COMPLIANCE	
Regulatory Compliance	FCC 47 CFR part 15, subpart C / subpart B (emissions) CE EN 55024 CE EN 60950-1 IEC 60950-1 EN 300 440

ENVIRONMENTAL	
Temperature (Operating)	32° F to 122° F (0° C to 50° C)
Temperature (Storage)	-4° F to 158° F (-20° C to 70° C)
Humidity (Operating)	5% to 85% RH non-condensing

ACTIVE POWER REQUIREMENTS	
Voltage, AC (Typical)	110-240 VAC, 47-63 Hz
Power Consumption (Max)	1.3A max
FG numbers are regionalized to include the appropriate power cord based on region	<p><u>Black Acendo Vibe 5100 Series</u></p> <ul style="list-style-type: none"> • FG4151-00BL-UA, ACV-5100BL-UA: UA Version - Type B and I power cords for USA, Canada, Japan, Philippines, Thailand, Australia, and New Zealand • FG4151-00BL-EK, ACV-5100BL-EK: EK Version - Type E/F and type G power cords for EU countries, Indonesia, Singapore, Vietnam, Malaysia, Thailand, Cambodia, and Mongolia • FG4151-00BL-KR, ACV-5100BL-KR: KR Version - For Korea • FG4151-00BL-CN, ACV-5100BL-CN: CN Version – For China <p><u>Gray Acendo Vibe 5100 Series</u></p> <ul style="list-style-type: none"> • FG4151-00GR-UA, ACV-5100GR-UA: UA Version - Type B and I power cords for USA, Canada, Japan, Philippines, Thailand, Australia, and New Zealand • FG4151-00GR-EK, ACV-5100GR-EK: EK Version - Type E/F and type G power cords for EU countries, Indonesia, Singapore, Vietnam, Malaysia, Thailand, Cambodia, and Mongolia • FG4151-00GR-KR, ACV-5100GR-KR: KR Version - For Korea • FG4151-00GR-CN, ACV-5100GR-CN: CN Version – For China

RECOMMENDED ACCESSORIES	
Items	<ul style="list-style-type: none"> • ACR-5100, Acendo Core Meeting Collaboration System (FG4051-00) • CBL-USB-FL2-16, USB 2.0 16ft Extension Cable (FG10-2220-16) • CBL-USB-FL2-33, USB 2.0 33ft Extension Cable (FG10-2220-33)

About AMX by HARMAN

Founded in 1982 and acquired by HARMAN in 2014, AMX® is dedicated to providing AV solutions for an IT World. AMX solves the complexity of managing technology with reliable, consistent and scalable systems comprising control, video switching and distribution, digital signage and technology management. AMX systems are deployed worldwide in conference rooms, classrooms, network operation/command centers, homes, hotels, entertainment venues and broadcast facilities, among others. AMX is part of the HARMAN Professional Group, the only total audio, video, lighting, and control vendor in the professional AV market. HARMAN designs, manufactures and markets premier audio, video, infotainment and integrated control solutions for the automotive, consumer and professional markets. Revised 8.25.17. ©2017 Harman. All rights reserved. Specifications subject to change. www.amx.com | +1.469.624.7400 | 800.222.0193