YAMAHA

CS-700

Video Sound Collaboration System for Huddle Rooms

The Yamaha CS-700 video sound collaboration system is specifically designed as an all-in-one unit to equip huddle rooms with best in class audio, video, and screen sharing capability. Huddle rooms have unique requirements, as they typically are small sized rooms with limited tabletop space. The Yamaha CS-700 combines ultra-wideband audio with high-quality video to fulfill video, audio, and collaboration requirements in one simple, wall-mounted system addressing all communication and collaboration requirements of the huddle room. Audio, video and screen sharing is accomplished through one USB cable. The integrated remote management capability enables IT departments across the world to remotely monitor and manage their huddle room installations.

Video
Due to the small size of huddle rooms, participants sit close to displays and cameras in these rooms, in the past requiring panning of video cameras to see the whole room. The Yamaha CS-700 industry-leading 120 degree ultra-wide angle camera captures all meeting participants in one field of view. The CS-700 camera covers 80% more area in the whole room, removing the hassle of panning and zooming cameras to see

everybody in the room. The high pixel count of the CS-700 ensures that every expression is captured and seen for people up to 10ft/3m from the camera. It is truly a "set it and forget it" video system.

Audio
"Hear every word" has never meant more to meeting success than today. The CS-700 takes advantage of years of professional and corporate audio experience within

Yamaha and Revolabs. The CS-700 features a beamforming microphone array that picks up every word spoken in the room and delivers it to the far end. A four-element speaker bar provides amazing audio in the room, ensuring that every word spoken at the far end is heard. Combine that with award-winning audio processing technology integrated in the CS-700 and you have easy, natural conversations between meeting participants with clarity and intelligibility for all.

USB, Bluetooth® and SIP support
The Yamaha CS-700 becomes the one communication device in the room. It supports business communication applications such as Microsoft® Skype for Business™, Google Chromebox for Meetings™, BlueJeans®, Zoom®, GoToConference™, Vidyo® and others. In addition, the CS-700 provides a SIP interface to the corporate call manager, replacing the need for a separate conference phone in the huddle room. USB and SIP communications can be easily bridged in the CS-700, expanding the communication opportunities even further. And Bluetooth allows for fast and easy audio connections, instantly turning a mobile or computer call into a conference call.

Wall mount
Table space in huddle rooms is typically at a premium. The Yamaha CS-700 is a wall mount system, eliminating any need for table-top equipment in the huddle room. The wall mount provides simple installation and makes connecting the wires to the CS-700 easy by use of a special pivot design feature. If you can drill a hole, you can install the CS-700.

Remote Manageability
Managing up to hundreds of huddle rooms is a challenge for any IT department. The Yamaha CS-700 enables remote monitoring and management of the units as ▶

well as configuring units in bulk. Upgrade them remotely and automatically through the IP interface. Managing technology in the huddle room just became way simpler!

Collaboration

The Yamaha CS-700 supports DisplayLink™ to provide best collaboration support in the huddle room. This allows sharing of up to two screen contents on displays in the room using the same USB connection for video and audio, reducing the clutter and cables required on the huddle room table.

Available versions

CS-700AV: Audio, Video, IT management
CS-700DL: Audio, Video, IT management, DisplayLink™
CS-700SP: Audio, Video, IT management, SIP interface
CS-700DS: Audio, Video, IT management, DisplayLink™, SIP

MAIN FEATURES

- **USB audio and video support for UC applications**

- **Beam forming microphone array**

- **4 speaker element sound bar**

- **Ultra-wide angle camera with 120 degree field of view**

- **Integrated SIP interface for Call Manager integration**

- **DisplayLink™ interface**

- **Remote Administration and Management, System notifications (SNMP), Auto configuration support**

TECHNICAL SPECIFICATIONS

AUDIO

Speaker Bar	4 Speaker elements with tweeter and mid-Woofer on left and right
Speaker Frequency Response	160 – 20,000 Hz
Max SPL	90 dB at 1 M
Microphones	4 microphone beamforming array
Microphone Coverage	180 degrees audio pickup
Microphone Frequency Response	160 – 16,000 Hz
Full Duplex Audio	Yes
Echo Cancellation	Ultra wideband AEC
LED indicator	Mute/unmute

INTERFACES

Mount	Wall Mount Bracket for above or below display mounting
Connector	USB with strain relief
USB Host Port	Audio, video, HID and graphics display supported over USB 3.0
Ethernet	RJ 45
Bluetooth®	Audio only
Aux Audio Input	3.5mm Stereo

CAMERA

Camera Sensor	High Definition CMOS
Image resolution	1080p, 30fps (USB 3.0)
Privacy Cover	Manual privacy cover
LED Indicators	Camera Operational LED
UVC Support	UVC 1.5
Field of View	120 degrees

SIP

Call Handling	Make, Answer, Hold, Resume, Transfer (Blind and Supervised), Forwarding, Do not disturb, Redial, Call Timer, Call ID, Speed Dial, Missed Call Notifications, Voice Mail Notifications (switch configured)
Call Bridging	Supports Bridging SIP and USB Calls. Join, Split, Hold, Resume, 3+1 Lines: Up to 2 SIP calls, 1 USB call, plus the user
Codecs	G.711 (A-law and µ-law), G.722, G.726, G.729
DTMF Support	RTP event, SIP in-band, SIP info package
Security	SRTP/SRTCP Support (RFC 1889), IETF SIP support (RFC 3261 and companion RFCs), SSIP, Password protected configuration files, Password protected login
Network & Provisioning	DHCP or Static IP, Server Based Central Provisioning, Web Portal for Individual Unit Configuration

COMPLIANCE

Safety	IEC60065, IEC60950, IEC62368
EMC	CISPR13/CISPR22/CISPR32/ FCC/J55013/ ETSI EN 300 328 / ETSI EN 302 291-2 / ETSI EN 300 330-2 EN55024/ CISPR24 or 35 and ETSI EN 301 489-1
Environmental	RoHS, Reach, WEEE

WARRANTY

Global except for EU	1 Year return to factory
European Union	2 Year return to factory

SIZE, WEIGHT, POWER

Height	3.9in/98.75mm
Length	2.7in/68.5mm
Width	34.in/861.7mm
Weight (incl. bracket)	7.3 lbs/3.3kg
Input Voltage	100-240 VAC
Input Current	1A
Input Frequency	50-60 Hz
Power Consumption	36W
Power Cord Length	10ft/3m - Please order correct SKU for regional power cord requirements