UC-AUDIO-HUB

Crestron Flex Hub Wireless Transceiver

- *A wireless transceiver and auto mixer for Crestron Flex Pods*
- *Pairs with up to four pods via DECT™ technology*
- *DECT technology ensures minimal interference and robust security*
- *Connects to a UC Engine through a USB-C® cable, transferring auto-mixed audio to the UC Engine*

The Crestron Flex UC-AUDIO-HUB is a wireless transceiver and auto mixer that connects with up to four paired Crestron Flex UC-AUDIO-POD devices through the Digital Enhanced Cordless Telecommunications (DECT™) technology. The hub receives audio from the pods' microphones, auto-mixes the audio, and transfers it to a UC Engine through a USB-C® connection. The hub also distributes audio to all paired pods after receiving the audio from the UC Engine.

Wireless Connectivity

The hub wirelessly connects with and distributes audio to up to four paired pods, enabling the pods to be placed anywhere within a room. This allows the hub and the pods to be deployed in large conference rooms and multi-purpose meeting spaces. Audio level consistency is realized as volume levels are synchronized across all the pods.

Robust Security

The hub provides safe and secure audio transmission to and from the pods by leveraging DECT technology. DECT uses multiple levels of security and does not interfere with other wireless technologies, such as Wi-Fi® and Bluetooth®.

Easy Device Management

The configuration and connection status of the hub can be monitored through a simple web user interface with no prior setup. Firmware updates, monitoring, and management can be controlled using the XiO Cloud® service.

Specifications

Wireless Communication

Frequency	Frequency bands:
	DR1: 1920 – 1930 MHz 5 channels (For US and Canada only)
	DR2: 1880 – 1900 MHz 10 channels (For Europe, Australia, New Zealand, Israel, Saudi Arabia, Kuwait, Qatar, United Arab Emirates, Yemen, Oman, Hong Kong, Singapore and Iraq)
	DR3: 1894 – 1906 MHz 6 channels (For Japan)
	DR4: 1790 – 1800 MHz 3 channels (For Korea)
	Range up to 50 ft (approx. 15 m) indoors

Indicators

Power	Green/Amber LED indicates the power is on
Sync	Five SYNC LEDs indicate pairing and connection with each pod[1]

Buttons

Pair	Tactile push button
Reset	Recessed push button

Connectors

USB-C	USB-C (PC) Connection for Audio and HID data
24VDC, 0.75A	24VDC, 0.75A via external 100-240VAC power pack, (included with the hub)
LAN Power over Ethernet	1000 Mbps Ethernet, PoE PD 4W, Class 0
External Antenna	Input Impedance: 50 Ω
	Connector Type: SMA-RP

Environmental

Temperature	41° to 104° F (5° to 40° C)
Humidity	10% to 95% RH (non-condensing)
Heat Dissipation	12.3 BTU/hr

Construction

Enclosure	Lightly textured black finish, plastic housing

Mounting	Freestanding, stackable, surface mount and wall/ceiling mount option with bracket (black plastic)

Dimensions

Height	1.35 in. (34 mm), 1.77 in. (45 mm) with bracket
Width	5.04 in. (128 mm), 5.36 in. (137 mm) with bracket
Depth	5.04 in. (128 mm)

Weight

8.9 oz (253 g) without bracket

Compliance

Regulatory Model: M202109001
IC, CE, FCC Part 15 Class B digital device, Intertek® Listed for US & Canada

Models

UC-AUDIO-HUB-DR1
Crestron Flex Hub Wireless Transceiver

UC-AUDIO-HUB-DR2
Crestron Flex Hub Wireless Transceiver

UC-AUDIO-HUB-DR3
Crestron Flex Hub Wireless Transceiver

UC-AUDIO-HUB-DR4
Crestron Flex Hub Wireless Transceiver

Available Accessories

For supported accessories, visit the appropriate UC-AUDIO-HUB product page at www.crestron.com.

Note:

1. Four pods are supported for initial product launch.

PWR   SYNC   PAIR

CRESTRON   UC-AUDIO-HUB

1.35 in.
(34 mm)

5.04 in.
(128 mm)

This device complies with
part 15 of the FCC Rules.
Operation is subject to the
following two conditions:
(1) This device may not cause
harmful interference, and
(2) this device must accept
any interference received,
including interference that may
cause undesired operation.
CAN ICES-3(B)/NMB-3(B)

5.04 in.
(128 mm)

CRESTRON®