

Catchbox Plus

Technical Specifications



Catchbox Plus is a wireless microphone system featuring Cube throwable mic, Clip lavalier mic and Hub receiver. Plus system is designed for both - mobile plug & play setups and complex multi-room installations in medium to large rooms. Compatible accessories ensure flexibility, hassle-free maintenance and secure installation. Catchbox Plus is ideal for voice amplification and hybrid setups in lectures, meetings and events.

General Specifications

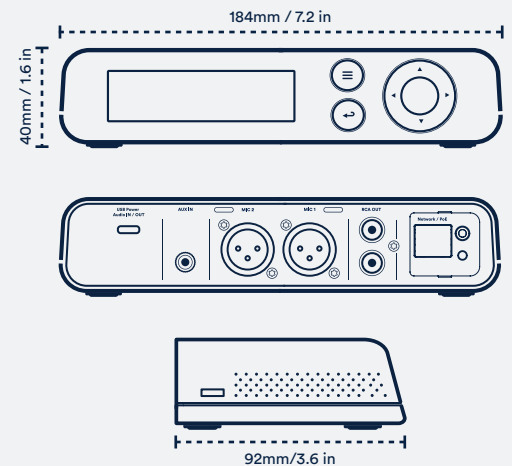
Audio latency	12 ms
Audio encryption	AES128
Radio frequency band	DECT / DECT 6.0 (1.8 / 1.9 GHz band) We will ship the product according to your provided shipping address
Radio output power	Up to 100 mW, controllable from Hub
Max # of transmitters in one space	EU: up to 10, US: up to 6
Wireless range	100 m / 330 ft (Line of Sight)*
Operating temperature range	0 °C (32 °F) to 30 °C (86 °F)

* The actual operating range depends upon the RF output settings, the surroundings, the signal absorption, signal reflection and signal interference

Hub

Two mic channel receiver with a graphical UI and built-in mixing capabilities.

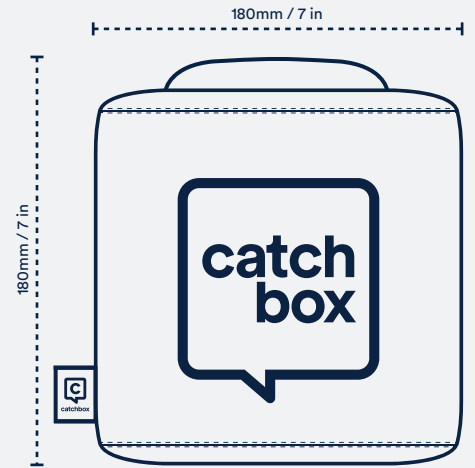
Audio outputs	Mic 1 - XLR - balanced, Mic level Mic 2 - XLR - balanced, Mic level Mix output - USB-C - digital output Mix output - RCA - unbalanced, Line level
Audio inputs	USB-C - digital input Aux-in - 3.5mm - unbalanced, Line level
Dante™ audio networking	PRO
API / Remote monitoring	PRO
Antenna type	Built-in antennas
Kensington lock	Yes
Stealth mode	Yes
Weight (without Wall mounting kit)	300 g / 10.58 oz
Dimensions (without Wall mounting kit)	184 x 92 x 40 mm / 7.2 x 3.6 x 1.6 in



Cube

Wireless throwable microphone that can be thrown or passed around the room for audience audio capture.

Audio frequency response	50 to 20000 Hz
Microphone element	Electret condenser, omni-directional
Built-in Automute technology	Yes**
Battery type	Li-ion, rechargeable
Battery life	Typical 22h***
Battery charge time	Catchbox Wireless charger: 6h USB-C: 3h
Weight	370 g / 13.05 oz
Dimensions	180 x 180 x 180 mm / 7 x 7 x 7 in



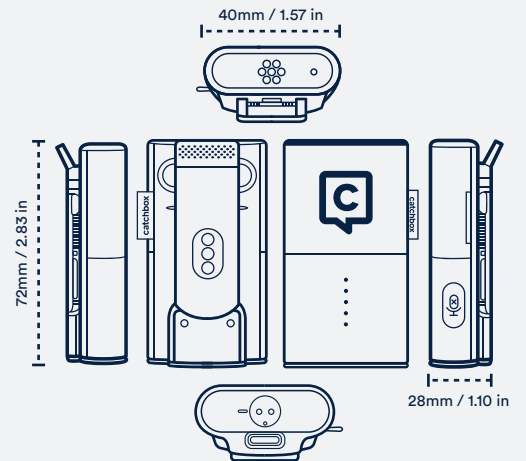
Clip

Wireless lavalier microphone that can be clipped on or worn on the lanyard by the presenter.

Audio frequency response	50 to 20000 Hz
Microphone element	Electret condenser, omni-directional
Quick-mute function	Yes
Battery type	Li-ion, rechargeable, replaceable
Battery life	Typical 8h***
Battery charge time	Catchbox Dock: 2h USB-C: 2h
Attachment types	Lever (clip on clothing) Lanyard (wear around the neck)
Weight	57 g / 2.01 oz
Dimensions (with lever)	40 x 72 x 28 mm / 1.57 x 2.83 x 1.10 in

** Automute technology temporarily switches off audio when the microphone is caught, thrown or dropped to eliminate unwanted noise

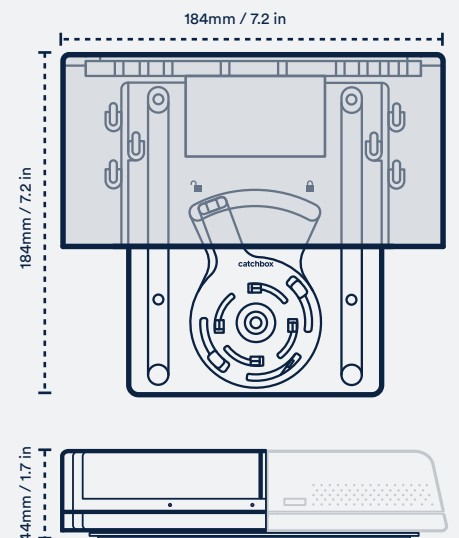
*** Depends on selected RF power level



Mounting Kit

An accessory that allows you to lock and mount the Hub on any direction oriented surface.

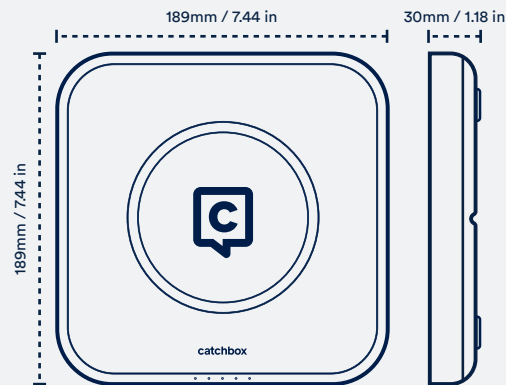
Compatible with	Hub
Mounting options	Dual lock for adhesion mount VESA 100mm pattern for Screw mount
Cable manager	Yes
Weight (without mounting kit)	190 g / 6.70 oz
Dimensions (without mounting kit)	184 x 184 x 44 mm / 7.2 x 7.2 x 1.7 in



Cube Wireless Charger

Home station for the Cube microphone.
Place the Cube on the Wireless Charger to turn off the mic and start charging.

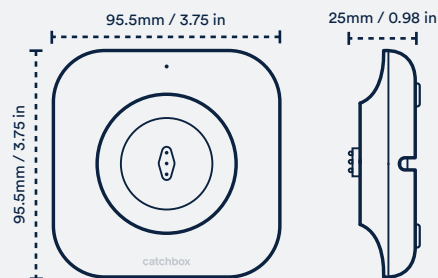
Compatible with	Cube
Charging protocol	Catchbox proprietary
Power supply	5V 1A USB-C
Weight	385 g / 13.6 oz
Dimensions	189 x 189 x 30 mm / 7.44 x 7.44 x 1.18 in



Dock Charger

Home station for the Clip microphone. Snap the Clip on the Dock to turn off the mic and start charging.

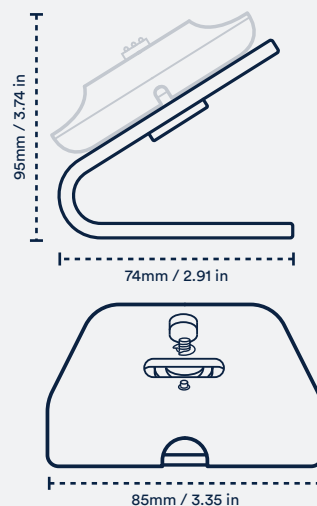
Compatible with	Clip
Power supply	5V 1A USB-C
Daisy chain	Up to 4 Docks
Weight	150 g / 5.29 oz
Dimensions	95.5 x 95.5 x 25 mm / 3.76 x 3.76 x 0.98 in



Dock Bracket

Elevated mount for the Dock Charger. Attaches to horizontal or vertical surfaces.

Compatible with	Dock Charger
Weight	500 g / 17.64 oz
Dimensions	85 x 95 x 74 mm / 3.35 x 3.74 x 2.91 in



Storage Case

Dedicated storage case for the Plus system components (Clip and Cube bundle)

Compatible with	Hub, Clip, Cube, Cub, Wireless Charger, Dock Charger, Dock Bracket, Mounting kit, Cables
Weight	3 kg / 6.61 lb
Dimensions	410 x 275 x 295 mm / 16.14 x 10.82 x 11.61 in

