

plus



Wireless microphone system



Modern solutions for modern spaces

Intuitive technology for crisp audio capture in
unsupervised spaces.

Catchbox Plus system

Technical Specifications



Catchbox Plus is a wireless microphone system for presenter and audience audio capture in any space. At the center of the Plus system is the Hub DSP receiver that offers versatile connectivity options for various technical setups. Mix and match up to 4 presenter and audience microphones to connect to your Hub based on your audio capture needs.

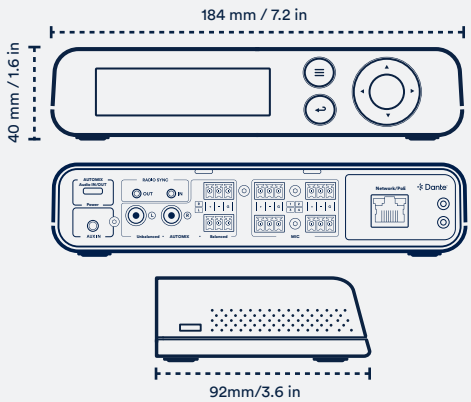
| General Specifications | | | |
|------------------------|---|------------------------------------|---|
| Audio latency | 19 ms | Max # of transmitters in one space | Unsynchronised EU:up to 10, US:up to 6 Synchronised EU:up to 20, US:up to 12 |
| Audio encryption | AES256 (available late 2024) | Wireless range | 100 m / 330 ft (Line of Sight)* |
| Radio frequency band | DECT / DECT 6.0 (1.8 / 1.9 GHz band) We will ship the product configured to the frequency band based on the delivery address provided. | Operating temperature range | 0 °C (32 °F) to 30 °C (86 °F) |

| | |
|--------------------|-----------------------------------|
| Radio output power | Up to 63mW, controllable from Hub |
|--------------------|-----------------------------------|

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

Hub DSP Receiver

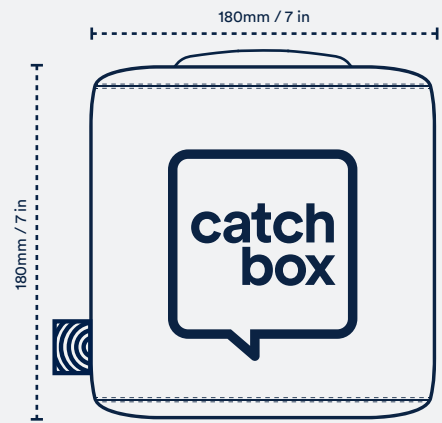
The Hub packs three devices in one - a wireless mic receiver, DSP and mixer. Utilize the built-in DSP and mixer functionality for automated audio management or connect separate mic outputs to your mixer board or DSP for complete control.



| Specifications | | | |
|-----------------------------|--|-----------------------------------|---------------------------------------|
| Audio outputs | Mic (1 - 4) - 3-pin, balanced, Mic level Mixout - RCA, unbalanced, Line level Mixout - L&R, 3-pin, balanced, Mic level Mixout - USB-C, digital output | Kensington lock | Yes |
| Audio inputs | USB-C - digital input Aux-in - 3.5mm - unbalanced, Line level | Stealth mode | Yes |
| Dante® audio networking | Audio in & out (4x4) | Power | 5V, 1A USB-C or PoE |
| Remote control & monitoring | API Q-sys, Utelogy Catchbox Control Software | Weight (without mounting kit) | 300 g / 10.58 oz |
| Radio sync | Local 2.5mm | Dimensions (without mounting kit) | 184 x 92 x 40 mm / 7.2 x 3.6 x 1.6 in |
| Antenna type | Built-in antennas | | |

Cube

Throwable audience microphone for efficient audience audio capture and enhanced audience engagement during Q&As.

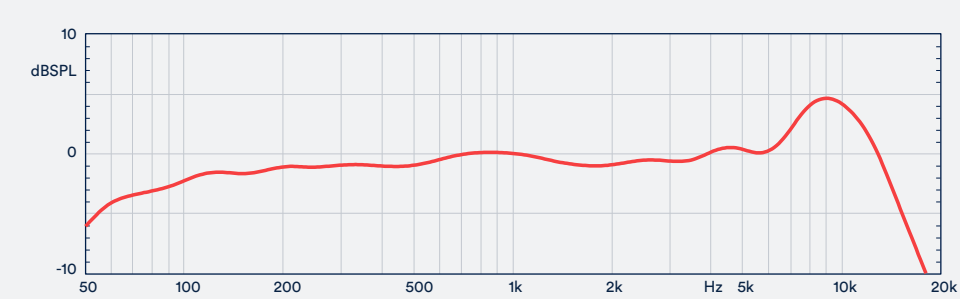


| Specifications | | | |
|-------------------------------------|---|------------------------------|-----------------------------------|
| Audio frequency response | 50 to 20000 Hz | Battery type | Serviceable, Li-ion, rechargeable |
| Microphone element, pick-up pattern | Electret condenser, Focused omni-directional™ | Battery life | Typical 22h*** |
| Sensitivity | 138,9 mV/Pa | Home station - Charging Base | Yes (included) |
| Self-noise | 22,3 dBA | Battery charge time | Charging Base: 8h USB-C: 4h |
| Max SPL | ≥ 122 dB SPL | Weight | 370 g / 13.05 oz |
| Built-in Automute™ technology | Yes** | Dimensions | 180 x 180 x 180 mm / 7 x 7 x 7 in |

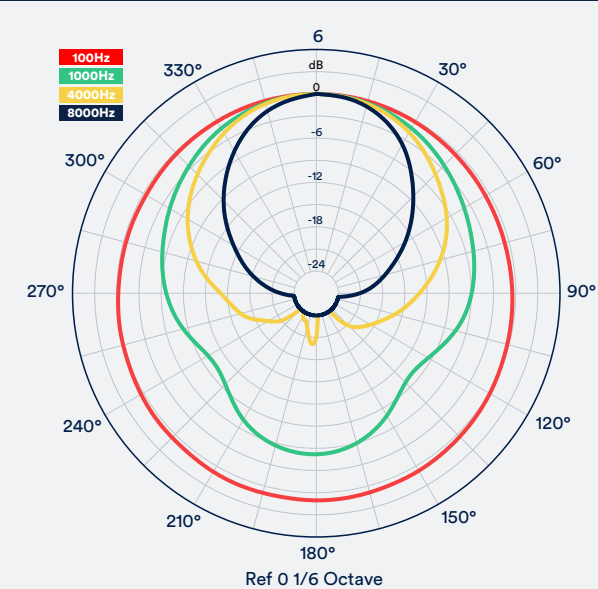
** Automute technology temporarily switches off audio when the microphone is caught, thrown or dropped to eliminate unwanted noise

*** Depends on selected RF power level

Microphone Frequency Response

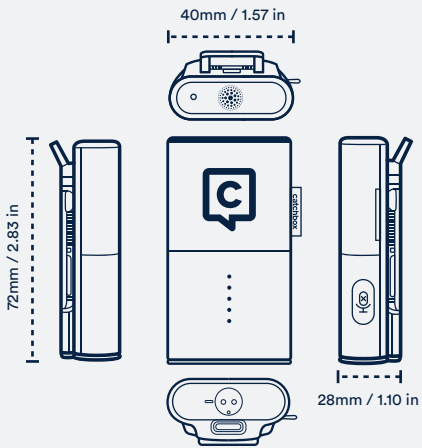


Polar pattern



Clip

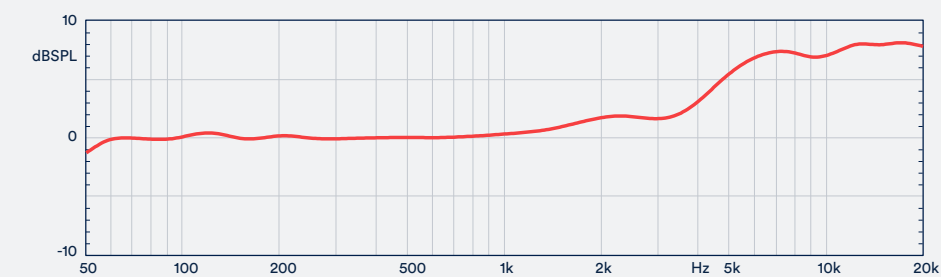
Wearable presenter microphone designed for powerful hands-free presentations for ease of use and high audio quality.



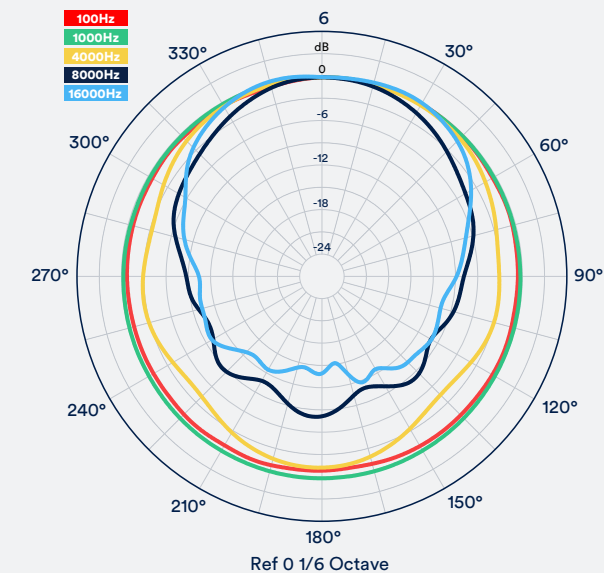
| Specifications | | | |
|-------------------------------------|---|---|--|
| Audio frequency response | 50 to 20000 Hz | Battery life | Typical 8h*** |
| Microphone element, pick-up pattern | Electret condenser, focused omni-directional™ | Home station - Single & Dual Dock Charger | Yes (included) |
| Sensitivity | 62,8 mV/Pa | Battery charge time | Catchbox dock: 2h USB-C: 2h |
| Self-noise | 18,5 dBA | Attachment types | Lever (clip on clothing) Lanyard (wear around the neck) |
| Max SPL | ≥ 125 dBSPL | Weight | 57 g / 2.01 oz |
| Quick-mute function | Yes | Dimensions (with lever) | 40 x 72 x 28 mm / 1.57 x 2.83 x 1.10 in |
| Battery type | Serviceable, Li-ion, rechargeable | | |

*** Depends on selected RF power level

Microphone Frequency Response

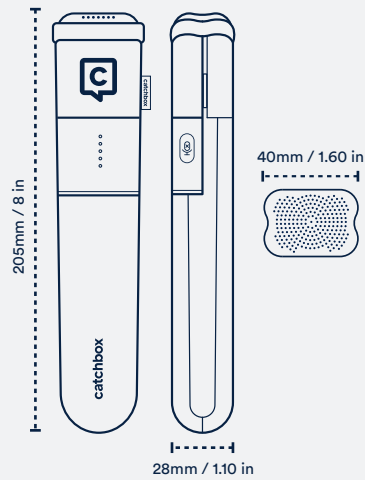


Polar pattern



Stick

Handheld wireless microphone for delivering exceptional presenter audio. Its ergonomic design provides a comfortable grip, ideal for presentations and speeches.

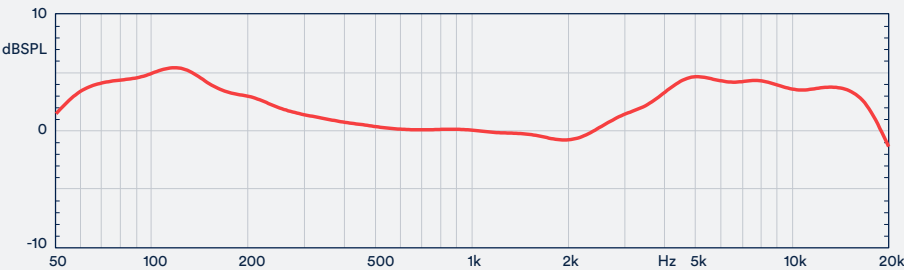


Specifications

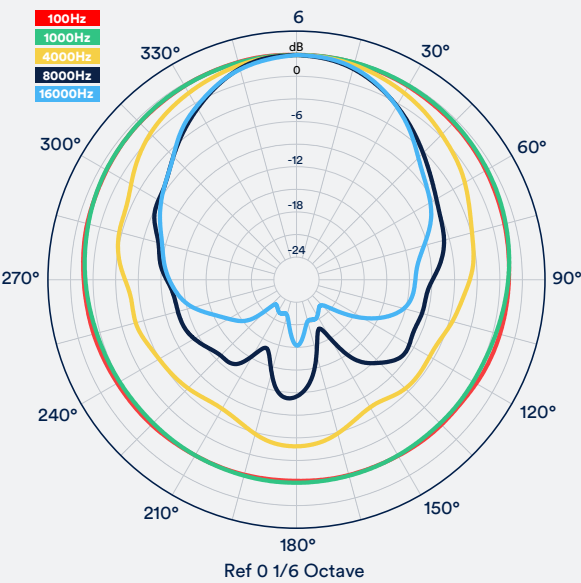
| | | | |
|-------------------------------------|---|-------------------------|---------------------------------------|
| Audio frequency response | 50 to 20000 Hz | Battery type | Serviceable, Li-ion, rechargeable |
| Microphone element, pick-up pattern | Electret condenser, focused omni-directional™ | Battery life | Typical 8h*** |
| Sensitivity | 54,0 mV/Pa | Battery charge time | Catchbox dock: 2h USB-C: 2h |
| Self-noise | 23,5 dBA | Attachment types | No |
| Max SPL | ≥ 130 dB SPL | Weight | 232 g / 8.18 oz |
| Quick-mute function | Yes | Dimensions (with lever) | 40 x 205 x 28 mm / 1.60 x 8 x 1.10 in |

*** Depends on selected RF power level

Microphone Frequency Response



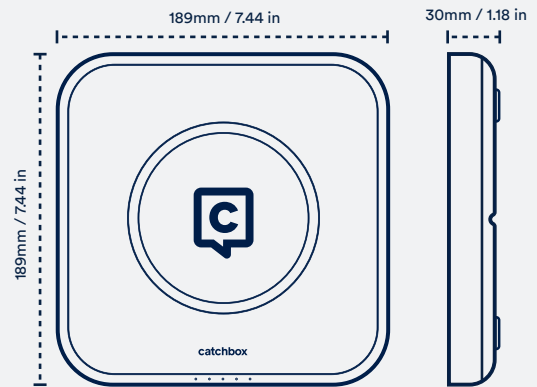
Polar pattern



Charging Base

For Cube

Home station for the Cube.
Place the Cube on the Charging base to
mute the mic and start charging.

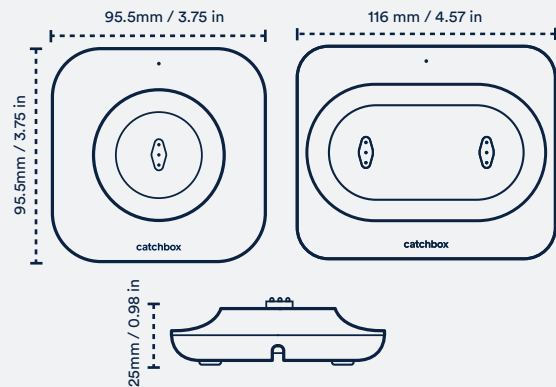


| Specifications | | | |
|-------------------|----------------------|------------|---|
| Compatible with | Cube | Weight | 385 g / 13.6 oz |
| Charging protocol | Catchbox proprietary | Dimensions | 189 x 189 x 30 mm / 7.44 x 7.44 x 1.18 in |
| Power supply | 5V 1A USB-C | | |

Charging Docks

For Clip and Stick

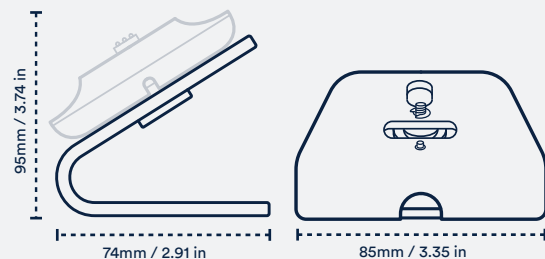
Home station for Clip and Stick mics.
Snap Clip/Stick on the dock to mute the
mics and start charging.



| Specifications | | | |
|-----------------|---------------------------------------|------------|--|
| Compatible with | Clip and Stick | Weight | 150 g / 5.29 oz |
| Power supply | 5V 1A USB-C | Dimensions | Single: 95.5 x 95.5 x 25 mm / 3.76 x 3.76 x 0.98 in Dual: 116 x 95.5 x 27mm / 4.57 x 3.76 x 0.98 in |
| Daisy chain | Up to 6 single docks / charging slots | | |

Dock Bracket

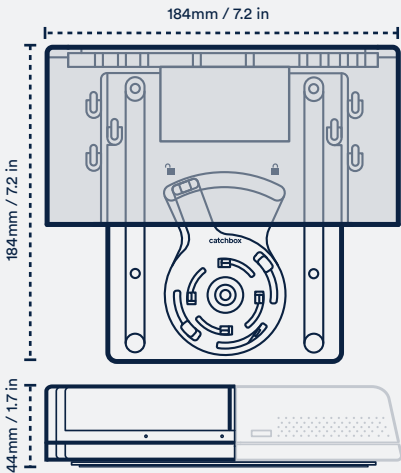
Elevated mount for the Dock Charger.
Attaches to horizontal or vertical surfaces.



| Specifications | | | |
|-----------------|--------------------------------|------------|---|
| Compatible with | Dock Charger (Single and Dual) | Dimensions | 85 x 95 x 74 mm / 3.35 x 3.74 x 2.91 in |
| Weight | 500 g / 17.64 oz | | |

Hub Mounting Kit

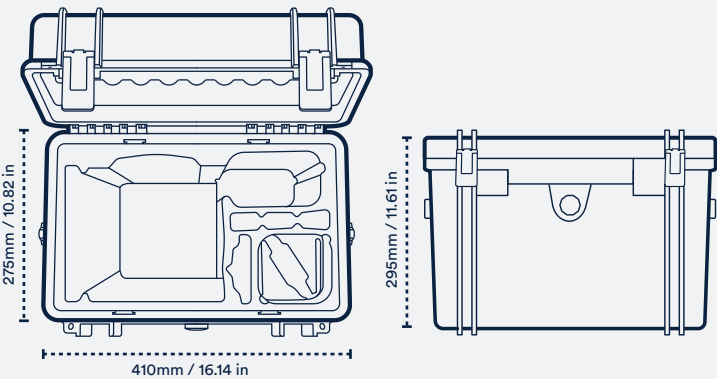
An accessory that allows you to lock and mount the Hub on any direction oriented surface.



| Specifications | | | |
|------------------|--|------------|--|
| Compatible with | Hub | Weight | 190 g / 6.70 oz |
| Mounting options | Dual lock for adhesion mount VESA 100mm pattern for Screw mount | Dimensions | 184 x 184 x 44 mm / 7.2 x 7.2 x 1.7 in |
| Cable manager | Yes | | |

Storage Case

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



| Specifications | | | |
|-----------------|--|------------|--|
| Weight | 3 kg / 6.61 lb | Dimensions | 410 x 275 x 295 mm / 16.14 x 10.82 x 11.61 |
| Compatible with | Hub, Clip, Cube, Stick Wireless Charger, Dock Charger (single and dual), dock bracket Mounting kit, cables | | |