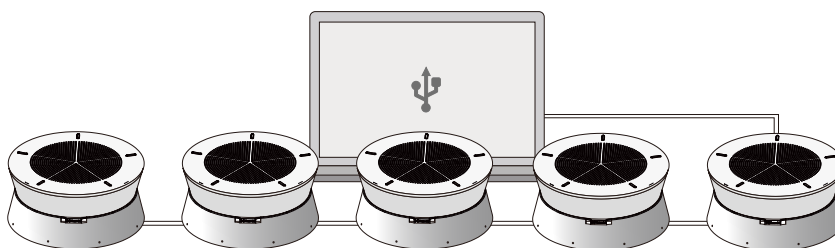# Hamedal

DATASHEET

Hamedal A20 SpeakerMic

Hamedal was born with minimalist concept to fix hardware limitations faced with video conferencing SaaS users. We are on a mission to equip conference rooms with the best audio & video hardware that clicks with the best video conferencing SaaS. We believe that every business should have access to great, flexible new technology for enterprise connectivity and we're on a mission to make it happen.

Full-Featured Full-Duplex SpeakerMic

Hamedal A20 is powered by patented 8-element microphone array algorithms to intelligently pick up noise-filtered, echo-canceled voices within in-room coverage, so that everyone is heard with phenomenal clarity.
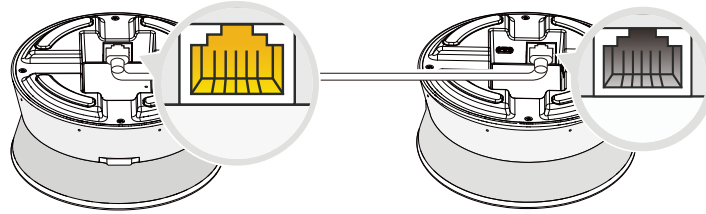
Daisy Chain for your small to large offices

Hamedal A20 is designed to accommodate different room sizes from small huddle room, team meeting room to large board/training room. You can simply daisy chain up to five devices to make sure that everyone in the room can be heard equally.

Concealing design to make your room look better

Powerful devices should not look ugly. Hamedal A20 could be daisy chained with wired cable going below your desk. You can enjoy the stunning beauty of the device without making your desk clustered.

Hamedal A20 specifications

Size

- 12*12*6.4cm

Weight

- ~19.2oz (544g)

Connection Interface

- USB Type-C

Keys

- Pick up /Hang up call
- Mute
- Volume up
- Volume Down

Daisy Chain

- Daisy chain with network cable up to five devices

Speaker

- Peak output power: 2W
- RMS: 3W for music playback and 1.5W for call
- Effective frequency range: 160hz ~16kHz
- Volume: 82dB SPL @1kHz at 0.5m

Microphone

- 8 omni-directional microphones
- Microphone effective pickup distance: 15 feet

Adapted Room Conditions

- T60 (Reverberation time) < 0.5 s
- Noise level: < 50dBa

ProperAcoustics Technology

- Effective background noise supression
- Effective microphone zooming
- Full-duplex
- Acoustic echo cancellation
- Echo supression
- Automatic gain control

System Requirements

- PC or Mac with USB connection
- Android phone with USB OTG

Compliance

- FCC
- CE
- ROHS

Warranty

- 12 months