

Preliminary Allt-i-Ett Design Brief V2

Allt-i-Ett (Norwegian and Swedish for “*all-in-one*”) is a complete high-performance sound system designed for those who may not have the space, budget, or desire for separate components—as well as for those who already own a full-scale audio system but want uncompromised sound in additional rooms.

Compact yet powerful, Allt-i-Ett integrates a multi-source streamer, amplifier, and speaker system into a single cabinet. With versatile inputs and outputs, multiple high-resolution streaming options, and advanced digital signal processing (DSP), it delivers rich, room-filling sound from its precision-engineered speaker array.

Allt-i-Ett extends the experience of a true high-end audio system to anyone, anywhere in the home, reflecting Primare’s mission to deliver the best possible music and movie experiences to the widest audience.

Connection and Control

Prisma Application

- Switch between all analog and digital inputs, stored or streamed.
- Adjust volume and input sensitivity.
- Customize and rename inputs.
- Multi-room/multi-zone playback with other Prisma-enabled devices.
- Create playlists and manage queues from LAN storage.
- Wake on cast signal.
- Access Internet Radio, Qobuz, and TIDAL MAX streaming (up to 24-bit/192 kHz).

AirPlay 2

- Streams content wirelessly from Apple devices over WiFi with lossless compression.
- Supports Apple Lossless Audio Codec (ALAC) up to CD quality (44.1 kHz).
- Offers greater range than Bluetooth, making it suitable for critical listening.

Bluetooth

- Direct connection from Apple, Android, and Windows devices.
- Uses lossy compression (SBC, AAC, AptX, AptX-HD).
- Best for convenient, informal listening.

Qobuz Connect

- Seamless streaming up to 24-bit/192 kHz, bit-perfect.
- Shared queues, cross-device control (desktop to mobile), and access to Qobuz’s editorial content.

Spotify Connect

- Streams directly from the Spotify app via WiFi.
- Supports playback at the highest quality offered with Spotify Premium.

TIDAL Connect

- High-resolution playback (up to 24-bit/192 kHz) directly from TIDAL’s servers.



FM and DAB+ Radio

- Built-in tuners.
- Favourites easily saved to touchscreen preset buttons.

Additional Inputs

- HDMI eARC: High-resolution audio direct from TV.
- Dual Optical Inputs: For consoles, streamers, or players.
- Coaxial Digital Input: Detailed playback from digital sources.
- USB-A & USB-B: Local storage playback or direct streaming from computer/media server.
- Stereo RCA / MM Phono: Full support for analog sources and vinyl playback.

Speakers, Amplification & Headphone Support

- Speaker Array:
 - 6 low-frequency drivers (2 front-firing, 2 rear-firing, 2 down-firing)
 - 2 midrange drivers
 - 2 waveguide tweeters
- Amplification: DSP-controlled 300 W peak output.
- Subwoofer Output: With full bass management for extended low-frequency performance.
- Headphones:
 - Wired: 3.5 mm jack (32 ohm at 30 mW).
 - Wireless: High-quality Bluetooth transmission.

Digital Signal Processing (DSP)

Placement Settings

- Optimizes performance for free-standing, wall, or corner placement.

Auto Room EQ

- Integrated into the Prisma app.
- iOS devices can measure directly; Android requires the included Zen wireless microphone.
- Calibration process:
 - Speakers emit pink noise for 60 seconds while device/mic is moved around the room.
 - System analyzes room modes, applies bass filters (<500 Hz), and aligns frequency response.
- Users can further fine-tune sound using the Graphic EQ.

Zen Wireless Microphone

- Rechargeable, supports Bluetooth setup and 2.4 GHz WiFi.
- Collects accurate acoustic data, surpassing typical mobile device microphones.
- Transfers data to the app for processing and calibration.

Graphic EQ

- 11-band equalizer for precise manual tuning.

BACCH 3D Sound Technology



- Employs advanced crosstalk cancellation for immersive, spatially accurate 3D sound from stereo speakers or headphones.

Specifications

Display & Control

- 1 x fixed touchscreen
- 1 x motorized display
- Prisma remote (with TV control)

Inputs & Outputs

- HDMI eARC/CEC: stereo PCM up to 24/48 kHz
- Optical digital: 2x, up to 32/192 kHz
- Coaxial digital: 1 x, up to 32/192 kHz
- USB-A (storage, up to 2 TB; FAT32, exFAT, NTFS)
 - PCM up to 768 kHz / 32-bit
 - DSD up to DSD512
 - File types: AAC, AIFF, DSF, DFF, M4A, MP3/MP4, ALAC, FLAC, WAV, APE, WMA, OGG
- USB-B (computer/media server)
- Stereo RCA / MM Phono input with ground lug
- FM and DAB+ antenna socket
- 3.5 mm headphone out
- Subwoofer output (bass management)
- Trigger out, IR out (3.5 mm), service port

Networking

- WiFi 6 (2.4 GHz and 5 GHz)
- LAN: 10/100 Mbps, dual sockets (in/out)
- Prisma UPnP/DLNA:
 - Radio (MP3 default)
 - Qobuz: up to 24/192 kHz
 - TIDAL MAX: up to 24/192 kHz
 - NAS: PCM up to 768 kHz / 32-bit; DSD up to DSD512

Streaming Protocols

- AirPlay 2
- Qobuz Connect
- TIDAL Connect
- Spotify Connect
- Bluetooth 5.0 (Rx: SBC, AAC, AptX, AptX-HD; Tx: SBC, AptX)

Amplification & Drivers

- DSP-controlled amplifier, 300 W peak
- 6x 4" woofers
- 2x 4" midrange drivers
- 2x 0.75" waveguide tweeters

DSP Features

- Placement optimization (Free, Near Wall, Corner)
- Auto Room EQ (iOS/Zen mic)
- 11-band Graphic EQ



- BACCH 3D Spatial Audio

Power

- Multi-voltage (100–120 V, 220–240 V)
- Operating: 18 W
- Normal standby: 5 W (remote/app wake)
- Eco standby: <0.5 W (manual wake)
- Continuous: 300 W

Dimensions & Weight

- 690 mm (W) x 303 mm (D) x 150 mm (H)
- 230 mm height with display fully raised
- Weight: 16 kg

Specifications subject to change.

