

P2

THE CENTREPIECE
FOR YOUR MUSIC



NINE
INPUTS

DUAL DAC
ES9038PRO

LATEST
PROCESSOR

FEMTO
CLOCK

AV HDMI
PASSTHROUGH

FIBRE
NETWORK

LUMIN



P2

LUMIN

INTEGRATING FLAGSHIP-TIER DIGITAL AND ANALOGUE STAGES, LUMIN P2 SERVES AS AN UNCOMPROMISED CENTREPIECE FOR ALL AUDIO SOURCES.

9 DIGITAL & ANALOGUE INPUTS

USB DIGITAL AUDIO INPUT & OUTPUT SUPPORT UP TO NATIVE DSD512

SPDIF & AES INPUT SUPPORT UP TO 192/24 WITH DoP

HDMI 2.0 INPUTS & 4K PASSTHROUGH WITH ARC SUPPORT

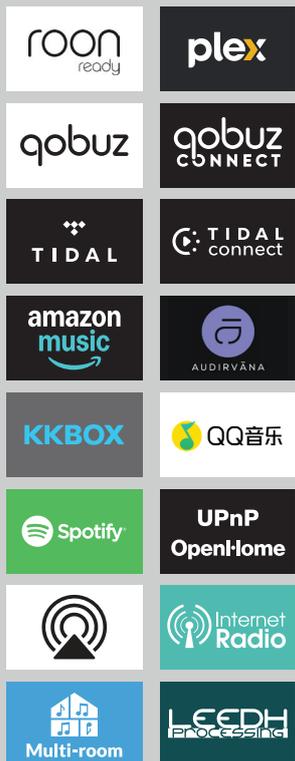
LUNDAHL OUTPUT TRANSFORMERS

DUAL ES9038PRO SABRE DACS IN MONO MODE

FEMTO CLOCK SYSTEM

INTEGRATED DUAL-TOROIDAL LINEAR POWER SUPPLY

FIBRE NETWORK PORT



LUMIN: 350mm (W), 380mm (D), 107mm (H), 12kg



NETWORK PLAYBACK:

Up to DSD512
Up to 384kHz, 16–32-bit, Stereo
MQA Full Decoding

DIGITAL INPUT:

USB:
USB Audio Class 2 Compatible
WINDOWS 10 (Release 1703 or above) / Mac OSX or above
DoP128 support
PCM 44.1–384kHz, 16 / 32-bit, Stereo
AES/OPTICAL/SPDIF:
PCM 44.1kHz–192kHz, 16–24-bit
DSD64 (DoP64, DSD over PCM)
HDMI x3:
PCM 2.0 Audio support
4K Video Passthrough

DIGITAL OUTPUT:

USB:
Native DSD512 support
PCM 44.1–384kHz, 16–32-bit, Stereo
BNC SPDIF:
PCM 44.1kHz–192kHz, 16–24-bit
DSD64 (DoP64, DSD over PCM)
HDMI x1:
PCM 2.0 Audio support
4K Video Passthrough
ARC (Audio Return Channel) support

UPSAMPLING RATES & BIT DEPTHS:

DSD256 upsampling option for all files
PCM 384kHz upsampling option for all files

ANALOGUE INPUT:

RCA Unbalanced x1
XLR Balanced x1

ANALOGUE OUTPUT:

Dual ESS SABRE32 ES9038Pro DAC chips
Fully balanced layout with high-quality components
Output connectors coupled with dual LUNDAHL LL7401 output transformers
Femto Clock System with precision FPGA distribution
XLR balanced, 6Vrms, pin 2 Hot
RCA unbalanced, 3Vrms

OPTICAL NETWORK:

Industry-standard SFP
1000Base-T Gigabit Ethernet
Adapter may be needed for your particular switch/cables
Use simultaneously with RJ45 (e.g. connect one to router and one to LUMIN L2 or NAS)

OTHER INPUTS:

RJ45 1000Base-T Gigabit Ethernet
Shared USB port can also be used for storage, flash drive, USB hard disk (Single-partition FAT32, exFAT and NTFS only)

POWER SUPPLY:

Internal dual-toroidal
Separate digital & analogue circuitry
Low-noise linear regulator

STREAMING PROTOCOL:

UPnP AV protocol with audio streaming extension (OpenHome). Roon Ready. Plex. Plays with Audirvana. Spotify Connect. TIDAL Connect. Qobuz. FLAC Lossless Radio. Tuneln Radio. AirPlay 2. QPlay-compatible for QQMusic. Gapless Playback. On-Device Playlist. Multi-Room (Songcast)

APP FEATURES:

Native support for TIDAL, MQA, Qobuz, Amazon Music, KKBox and Tuneln Radio. Tidal MQA icons to identify high-res music. Qobuz high-res icons to identify high-res music. Volume control. High-resolution artwork. Artwork caching. Search. Multiple tag handling. Composer tag support. Album-grouping in playlist. Automatic internet links to artists/album/songs. Saving and restoring of playlists (including Tidal and Qobuz)

SUPPORTED AUDIO FILE FORMATS:

DSF (DSD), DFF (DSD), DoP (DSD)
FLAC, Apple Lossless (ALAC), WAV, AIFF
MQA, MP3, AAC (in M4A container)

SUPPORTED CONTROL DEVICES:

Apple devices. iOS 11.0 or later
Android devices. Android 4.0 (Ice Cream Sandwich) or later required

FINISH:

Silver or Black anodised aluminium

OTHER:

LUMIN Infrared remote control included
Leedh Processing lossless digital volume control
MQA QRONO d2a filters available for all PCM music (excluding via AirPlay)
Compatible with LUMIN Infrared Control Package
Programme of Continuous Development – Firmware-upgradable for further features and enhancements

See website for latest software and app specification

WWW.LUMINMUSIC.COM