

P1

THE HEART
OF YOUR SYSTEM



NINE NEW
INPUTS

DUAL DAC
ES9028PRO

DSD512
PCM384

FEMTO
CLOCK

AV HDMI
PASSTHROUGH

FIBRE
NETWORK

LUMIN



P1

LUMIN

OUR MOST FLEXIBLE PLAYER
YET, LUMIN P1 IS DESIGNED
TO SIT RIGHT IN THE HEART
OF YOUR AUDIO SYSTEM

USE AS A STREAMER, A DAC, A
PRE-AMPLIFIER OR ALL THREE!

9 DIGITAL & ANALOGUE
INPUTS

USB DIGITAL AUDIO INPUT &
OUTPUT SUPPORT UP TO
NATIVE DSD512

BALANCED & UNBALANCED
ANALOGUE INPUTS

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

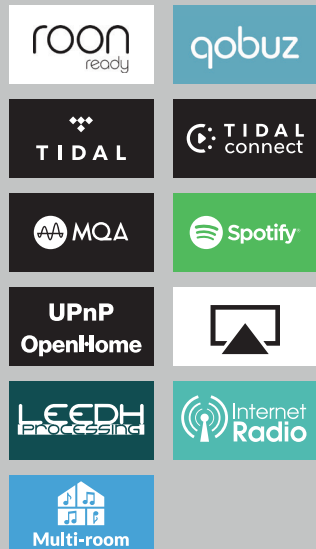
HDMI 2.0 INPUTS & 4K
PASSTHROUGH WITH ARC
SUPPORT

DUAL MONO DESIGN
THROUGHOUT INCLUDING
DUAL ES9028PRO SABRE DACS
IN MONO MODE

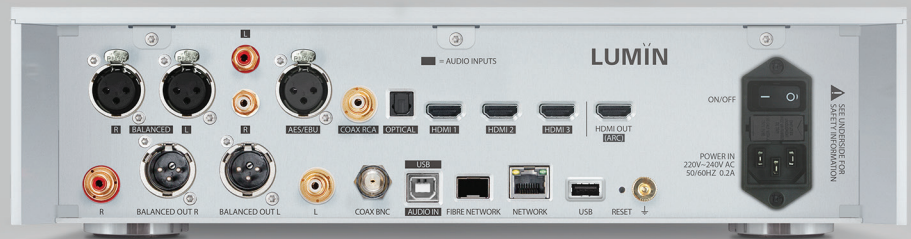
FEMTO CLOCK SYSTEM

NEW 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:

DSD128 upsampling option for all files
PCM 384kHz upsampling option for all files

ANALOGUE INPUT:

RCA Unbalanced x1
XLR Balanced x1

ANALOG OUTPUT:

Dual ESS SABRE32 ES9028Pro 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 L1 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)

See website for latest software
and app specification

POWER SUPPLY:

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

STREAMING SERVICES:

UPnP AV protocol with audio streaming extension
(OpenHome). Roon Ready. Spotify Connect.
TIDAL Connect. Qobuz. FLAC Lossless Radio.
TuneIn Radio. Apple AirPlay. Gapless Playback.
On-Device Playlist. Multi-Room (Songcast)

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 iOS devices. iOS 8.0 or later required
Android devices. Android 4.0 (Ice Cream
Sandwich) or later required

FINISH:

Raw aluminium
Black anodised aluminium

OTHER:

LUMIN Infrared remote control included
Leedh Processing lossless digital volume control
Programme of Continuous Development –
Firmware-upgradable for further features and
enhancements.

WWW.LUMINMUSIC.COM