

U2x

THE ULTIMATE
IN DIGITAL OUTPUT



SOLID BILLET
CNC CHASSIS

EXTERNAL PSU
DUAL-TOROIDAL

ISOLATED
USB OUTPUT

DSD512
PCM768

WORD CLOCK
IN/OUTS

FIBRE
NETWORK

LUMiN

U2x

LUMIN

FLAGSHIP LUMIN TRANSPORT
DESIGNED TO BE THE
ULTIMATE IN DIGITAL OUTPUT

SOLID BILLET CNC CHASSIS
FOR MAXIMUM STIFFNESS
AND ISOLATION

EXTERNAL DUAL-TOROIDAL
POWER SUPPLY FEATURING
SOLID BILLET CNC
CONSTRUCTION

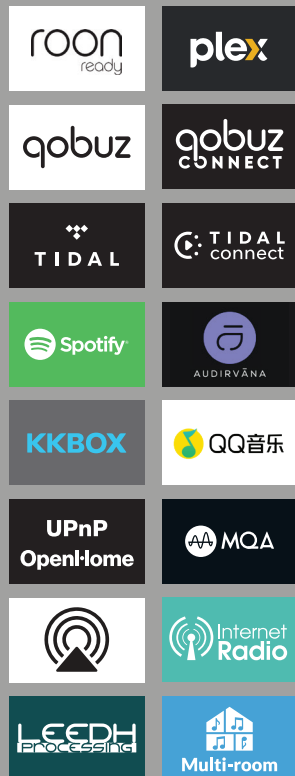
DSD512 & PCM768 PLAYBACK

TRANSPORT-SPECIFIC NEW
CLOCKING ARCHITECTURE

10M WORD CLOCK INPUT AND
OUTPUTS

ISOLATED USB AUDIO OUTPUT

FIBRE NETWORK INCLUDING
DUAL-NETWORK BUILT-IN
NETWORK SWITCH



LUMIN: 350mm (W), 345mm (D),
60mm (H), 8kg
PSU: 106mm (W), 334mm (D),
60mm (H), 4kg

STREAMING PROTOCOL:

UPnP AV protocol with audio streaming extension (OpenHome). Roon Ready. TIDAL Connect. Qobuz Connect, Spotify Connect. Plays with Audirvana. AirPlay-compatible. QPlay-compatible for QQMusic. Gapless Playback. On-Device Playlist.

SUPPORTED AUDIO FILE FORMATS:

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

SUPPORTED SAMPLE RATES & BIT DEPTHS:

PCM, 44.1-768kHz, 16-32-bit, Stereo
DSD512, 22.6MHz, 1-bit, Stereo

UPSAMPLING RATES & BIT DEPTHS:

Upsampling and downsampling to every supported format up to DSD256/PCM384

APP FEATURES:

Native support for TIDAL, MQA, Qobuz, KKBox and TuneIn 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 CONTROL DEVICES:

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

INPUT:

Industry-standard SFP (adapter may be needed for your particular switch/cables)
Gigabit Ethernet Network (1000BASE-T) RJ45
Use SFP/RJ45 simultaneously (e.g. connect one to router and one to LUMIN L1/L2 or NAS)
USB storage, flash drive, USB hard disk (Single-partition FAT32, exFAT and NTFS only)

See website for latest software
and app specification

DIGITAL AUDIO OUTPUT:

Isolated USB:

Native DSD512 support
PCM 44.1-768kHz, 16-32-bit

Optical, Coaxial RCA, Coaxial BNC & AES/EUB SPDIF:

PCM 44.1-192kHz, 16-24-bit
DSD (DoP, DSD over PCM) 2.8MHz, 1-bit

FINISH:

Silver or Black anodised aluminium

POWER SUPPLY:

External dual-toroidal PSU. CNC construction with finish matched to main unit
Available in 220-240V AC and 110-120V AC versions ~ 50/60Hz

OTHER:

Leedh Processing lossless digital volume control
Compatible with LUMIN Infrared Control Package
Programme of Continuous Development - Firmware-upgradable for further features and enhancements

WWW.LUMINMUSIC.COM