

# LEAK

...the first name in high fidelity since 1934



# LEAK

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## The Return of a Legend ...

In 1979, LEAK disappeared from the production lines. The brand was pushed into obscurity to become a mere memory and a 'cherished' brand of yesteryear.

After many years of in a state of dormancy, LEAK was rescued by the IAG Group – one of the world's premiere manufacturers of audio products and owner of a plethora of classic British brands.

In 2020, the year of Harold Joseph Leak's 113th birthday and the year of H.J. Leak & Co's 84th birthday, IAG Group proudly announce the return of LEAK!

Maintaining the traditional art-deco inspired design and high-quality engineering foundations for the modern-day hi-fi enthusiast, LEAK is reborn.

With close attention to detail, matching original styling, format, performance and outstanding value, LEAK finally returns for the masses with the LEAK STEREO 130, and the first-ever digital CD playback device for LEAK, the LEAK CDT!

Offering diverse media compatibility without compromising on style and values of audio performance, LEAK returns, for the modern-day audio enthusiast.



The original LEAK STEREO 30 was the first transistor amplifier from LEAK. A raging success, it sold over 50,000 units during its 5 years in production.



Harold Joseph Leak (left) with son and marketing manager, John D. Leak. Harold founded the seminal H. J. LEAK & CO Ltd in 1934. Originally based in London, England. LEAK was a brand specialised in designing and manufacturing high quality audio components.

LEAK developed amplifier technology, loudspeakers, pickups and turntables, amongst many seminal products in a portfolio spanning through the golden years of British audio innovation. LEAK became a market leader of affordable but high-performance home audio equipment... for decades upon decades.



From the beginnings, to the modern day, LEAK's instantly recognisable styling and performance remain corner stones of the brand's appeal. Returning for the audio enthusiast of the 21st century, the pillars of the LEAK brand remain, and are stronger than ever!







# LEAK STEREO 130

## *Integrated Amplifier*

### OVERVIEW

When LEAK launched the iconic STEREO 30 in 1963, it swiftly became Britain's favourite 'step-up' from the standard budget amplifiers of the time.

Now, in the year 2020, LEAK harnesses the latest technology to deliver an affordable integrated amplifier of the same philosophy; the STEREO 130 - fully equipped to meet the demands of modern music lovers, from vinyl record playback to digital streaming.

The LEAK STEREO 130 is high performance, high fidelity integrated amplifier designed for the modern-day audio enthusiast. It is designed to be the perfect match to a wide variety of sources and provides the necessary amplification to realise the highest quality of your stored music through your loudspeakers and headphones, or even an expanded high-fidelity system, via the pre-amp functionality.

The LEAK STEREO 130 can be connected to a host of analogue and digital sources, thanks to its diversity of inputs. A built-in Moving Magnet (MM) phono pre-amplifier allows for direct connection to turntable record players.

To fully accommodate the modern-day music enthusiast, much effort has been made to ensure the LEAK STEREO 130's digital circuitry delivers the level of quality one might expect of a high-performance standalone D/A converter, let alone an integrated amplifier solution.

You can also stream music to the LEAK STEREO 130 from any Bluetooth device, such as portable music players, tablet PCs or smartphones, via the built-in aptX and AAC Bluetooth codec. One can therefore enjoy CD quality audio over the Bluetooth wireless connection.

Carefully designed in line with the LEAK ethos of reliability and craftsmanship, the LEAK STEREO 130 matches contemporary performance with stand-out, classic LEAK styling.



### TURNTABLE READY

Traditional audiophiles will recognise the assured quality in the high-quality, low-noise turntable input of the LEAK STEREO 130. Optimised for moving magnet cartridges, the JFET-based circuit offers precise RIAA equalisation in accordance with de facto industry standards for vinyl record playback.

### HEADPHONE USERS

The LEAK STEREO 130 uses a dedicated amplifier circuit with current-feedback technology for the headphones output. Equal in performance to standalone headphone amplifiers, beyond the price-class of this complete system, the design offers high-speed output signal transition thanks to a high slew rate. The result is a dynamic, detailed and engaging performance with all manner of headphone types.

### CONVERSION WITHOUT COMPROMISE

Utilising the acclaimed ES9018 Sabre32 Reference chip with ESS Technology's 32-bit HyperStream architecture and Time Domain Jitter Eliminator, the LEAK STEREO 130 offers ultra-low noise, high dynamic range of digital audio files with a sampling rate of up to 384kHz (PCM) and DSD256.

### DIRECT AND TONE CONTROL

The LEAK STEREO 130 incorporates LEAK's signature DIRECT switch to bypass steps in the analogue circuitry, for the purest signal path. In addition, the signature BASS and TREBLE tone controls allow for customisation of the amplifier output signal to suit your music medium and matched electronics or loudspeakers.





## SPECIFICATIONS

Measurement made with 230V power supply

Model

LEAK STEREO 130

D/A Converter

ESS Sabre32 Reference ES9018K2M

Input Sampling Rates

Optical, Coaxial:  
44.1kHz~192kHz; USB: 44.1kHz~384kHz (PCM)  
/ DSD64, DSD128, DSD256

Rated Output Power

2 x 45W (8ohm) / 2 x 65W (4ohm)

Total Harmonic Distortion

< 0.005% (30W, 8ohm)

Frequency Response

20Hz-20kHz (+/-0.5dB)

Input Sensitivity

480mV (RCA AUX IN); 4.1mV (phono MM)

Input Impedance

10Kohm (AUX); 47Kohm //100pF (phono MM)

Signal to Noise Ratio (S/N)

≥ 108dB (A-weighted, ref.45W)

Pre Output Level

2.3V (Max)

Pre Output Total Harmonic Distortion (THD)

< 0.003%

Pre Output Signal to Noise (S/N)

> 110dB (A-weighted)

Bluetooth Version

4.0

Profile

A2DP

Codec

aptX (priority), SBC

USB Input

1 x USB (B-type)

Digital Audio Inputs

2 x Optical TOSlink, 1 x RCA COAX

Digital Audio Outputs

1 x Optical TOSlink, 1 x RCA COAX

Analog Inputs

2 x RCA (AUX1, AUX2), 1 x RCA (phono MM)

Analog Output

1 x RCA (PRE OUT)

Power Requirement

(depends on your area)

220-240V ~ 50/60Hz

100-120V ~ 50/60Hz

Dimensions W x H x D (mm)

302 x 118 x 270 (Metal)

326 x 146 x 276 (Wood)

Carton Size W x H x D (mm)

475 x 248 x 450

Net Weight

7.02kg (Silver)

8.30kg (Walnut)

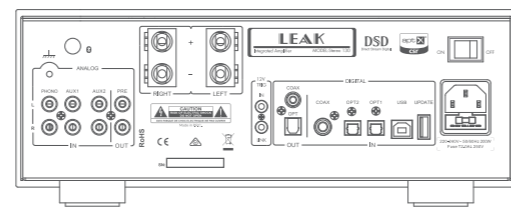
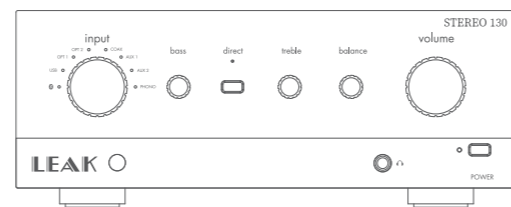
Gross Weight

9.30kg (Silver)

10.60kg (Walnut)

Finish

Silver/Walnut



Above: LEAK STEREO 130, integrated amplifier (with wood chassis) paired with LEAK CDT, CD transport





Above: LEAK STEREO 130, integrated amplifier (with wood chassis)  
paired with LEAK CDT, CD transport







## OVERVIEW

For the first time in the history of LEAK, it is possible for the audio enthusiast to enjoy CD and digital media playback.

The LEAK CDT offers the highest available standard of sound reproduction from CD playback within this price class. It is also equipped with USB storage device playback functionality.

The LEAK CDT utilizes an ultra-smooth slot loading mechanism that exudes quality and reliability.

The CD transport is carefully mounted within its own electromagnetically shielded enclosure and is provided with a dedicated power supply. The digital clock is controlled by a temperature-compensated crystal oscillator that makes sure the digital output from both the coaxial and optical sockets has minimum digital distortion, thus the digital signal extraction is exceptionally precise.

The USB storage device playback functionality offers full transport controls and folder / file navigation. The LEAK CDT is compatible with FAT16 and FAT32 formatted devices and will playback media in the format of WMA, MP3, WAV and AAC.

Carefully designed in line with the LEAK ethos of performance, reliability and craftsmanship, the LEAK CDT satisfies contemporary audio enthusiast demands with stand-out, classic LEAK styling.

## ONE STEP AHEAD

The premium CD mechanism uses read ahead buffering to reduce disc read errors and deliver the highest level of digital signal extraction from CD media.

## ACCURACY FOR THE BENEFIT OF THE ENTHUSIAST

A temperature-compensated crystal oscillator controls the master clock. This enables the digital only output to provide incredibly low digital distortion (also referred to as 'jitter'). This low jitter output offers superior performance when compared to like-for-like players.

## EXCELLENCE IN ISOLATION

The LEAK CDT shields the CD mechanism from electrical interference, thus ensuring purity of signal. Such incremental benefits further enhance the performance for the audio enthusiast.

## DISC OR DISK? EITHER, OR

The modern audio enthusiast will enjoy music in many formats due to the convenience and modern day quality of digital files. The LEAK CDT facilitates your digital audio collection with digital file playback from USB storage devices. The LEAK CDT will play CD, CD-R, CD-RW discs as well as .WAV, .MP3\* .WMA\* and .AAC\* digital audio files via USB.

\*up to 48kHz, 320kps

## A TIMELESS DESIGN

Matching the classic art-deco inspired, traditional, LEAK industrial design, the LEAK CDT echoes a long-lost legacy in home audio, with stunning aesthetics.

# LEAK CDT

## *CD Transport*



## SPECIFICATIONS

Measurement made with 230V power supply

**Model**  
LEAK CDT

**USB Memory Device Audio Format**

Supports WAV, MP3, AAC, WMA format

**USB Memory Device File System**

Supports FAT12, FAT16 & FAT32 format

**Output Level**

500 +/- 50mVpp

**Output Impedance**

75ohms

**Frequency Response**

-0.01 dB (20Hz-20kHz, ref. 1kHz)

**Sampling Frequency**

44.1kHz (CD)  
44.1kHz, 48kHz (USB memory device)

**Digital Output Interface**

1 x Coaxial , 1 x Optical

**Standby Power Consumption**

< 0.5W

**Power Requirement (depending on your area)**

220-240V ~ 50/ 60Hz  
100-120V ~ 50/60Hz

**Dimensions W x H x D (mm)**

302 x 117.1 x 278 (Silver)  
326 x 145.1 x 283 (Walnut)

**Carton Size W x H x D (mm)**

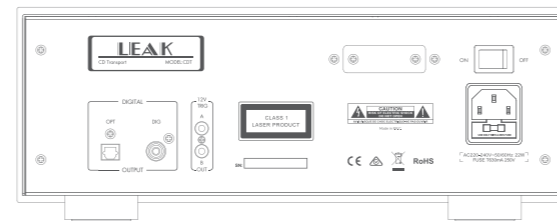
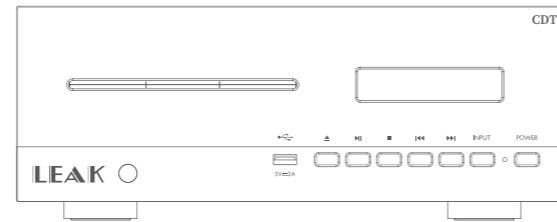
475 x 248 x 450

**Net Weight**

5.3kg (Silver)  
6.9kg (Walnut)

**Finish**

Silver/Walnut



Above: LEAK CDT, CD transport (without wood chassis) paired with LEAK STEREO 130, integrated amplifier







Above: LEAK CDT, CD transport (without wood chassis)  
paired with LEAK STEREO 130, integrated amplifier