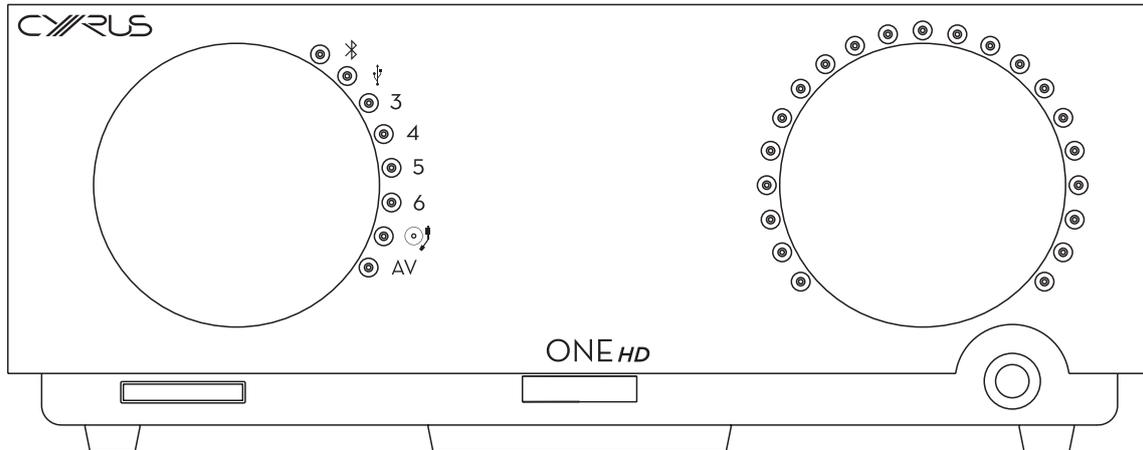


# CYRUS ONE HD

Cyrus ONE HD  
Integrated amplifier



## Cyrus ONE HD Power and scale with a wealth of features

### Product Information:

The Cyrus ONE<sup>®</sup> HD extends the versatility and performance of the original Cyrus ONE adding multiple digital inputs as well as improving critical signal path components. Conceived as a truly integrated amplifier, just add speakers to get audiophile quality performance from any source.

Now in its 4th generation, the Cyrus Hybrid Class D amplifier with S.I.D. (Speaker Impedance Detection) calibrates itself to perform optimally with any loudspeaker it encounters. With 2 x 100W of power, it is capable of driving even notoriously difficult speakers to exceptional standards.

Inputs now include digital asynchronous USB, Optical, SPDIF and aptX<sup>®</sup> HD fed into a high-resolution ESS<sup>®</sup> 32-bit DAC specifically engineered to produce an optimum performance for each of these inputs. The built-in passive RIAA MM phono stage is now separated from the main circuit, lowering the noise-floor and providing an even better performance when directly connected to a turntable.

Control is provided by a dedicated Bluetooth app, downloadable for both Apple and Android devices. This allows full control of input switching, volume setting, adjustment of the brightness of the display LEDs and configuration of the AV mode, should you wish to integrate your Cyrus ONE HD with your existing home theatre amplifier.

### Cyrus ONE HD features and benefits:

#### Bluetooth Enabled - aptX<sup>®</sup>HD:

aptX<sup>®</sup> HD compatible *Bluetooth* enables you to stream better than CD quality music from your phone/tablet or computer via a wireless *Bluetooth* connection, providing maximum flexibility without the need for a home network or any complicated set up. This allows everyone in the family to enjoy their music from their portable devices quickly and easily.

#### High-power Amplifier:

2 x 100W gives class-leading power output that will drive most loudspeakers regardless of their size. All that power enables Cyrus ONE HD to present your music with a huge dynamic range, giving 3D detail and bags of energy without the need to buy big, bulky, inefficient amplifier boxes.

#### MM Phono Stage:

Cyrus ONE HD features a built-in phono stage that is compatible with all Moving Magnet cartridges and requires no adjustment or extra set up, enabling you to play all your favourite vinyl from most turntables.

#### Digital and analogue inputs:

Asynchronous USB, optical and SPDIF inputs enable you to connect your PC, TV, Games Console, CD player, indeed virtually any source, directly to the Cyrus ONE HD. Four analogue inputs include RCA terminals for a turntable and an AV input that can be set to fixed gain in order to integrate with a separate AV amplifier.

#### Class AB Headphone Amplifier:

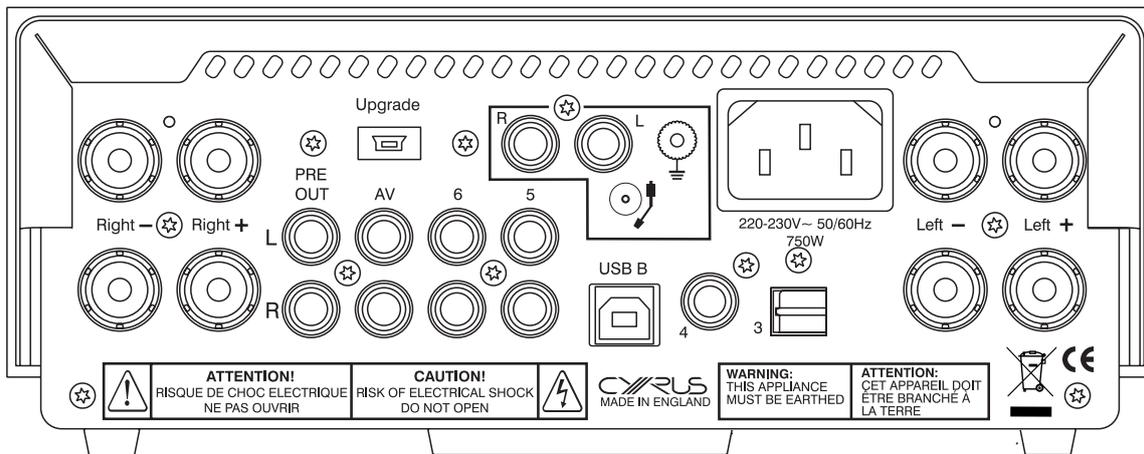
Uniquely, when headphones are connected, the large toroidal transformer is switched to power just the headphone section. These huge reserves of power result in a high power, high voltage class AB headphone amplifier that will drive almost all headphones with ease. The resulting musical performance is on a par with most stand-alone headphone amplifiers

#### Speaker Impedance Adjustment:

SID – Speaker Impedance Detection automatically matches the amplifier's output response to the electrical load of the loudspeakers. This means that matching Cyrus ONE HD to any brand of loudspeaker has suddenly been made so much easier.

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The Cyrus ONE HD is designed in a clean, simple, elegant non-ferrous chassis that minimizes eddy currents and reduces pickup of external noise. Extensive mains supply filtering is used to reduce the impact of this noise which has the ability to colour the audio performance.

## Suggested Systems

The Cyrus ONE HD is an exceptionally powerful amplifier capable of driving even large form-factor loudspeakers from almost any analogue or digital source. It remains a relevant component in high-end systems costing many thousands of pounds.

The ability to run the Cyrus ONE HD as a power amplifier in AV bypass mode enables it to be easily integrated into any home theatre system whilst still offering amazing musical performance.

As a high-performance amplifier system, headphone amplifier, or as an integral part of an AV system, the ONE HD is class-leading.

A perfect complement to the Cyrus ONE HD, the Cyrus ONE *linear* speakers have been specifically designed to benefit from the Hybrid Class D topology used in all Cyrus ONE models.

## Cyrus ONE HD Specifications

Asynchronous USB input

Optical Toslink digital input

Coaxial SPDIF digital input

RCA input to built-in MM phono stage

aptX® HD compatible *Bluetooth* audio

3 x line level inputs – including AV integration option

Pre outputs – connect to additional power amplifiers

High power, high voltage class AB headphone amplifier

Bi-wire compatible speaker binding posts

User upgradeable firmware – updates to the latest firmware for new features in your own home

*Bluetooth* control app

Cyrus 4th generation Hybrid Class D amplifier – outputs 2 x 100W (into 6 Ω at 0.1% THD+N)

SID – Speaker Impedance Detection

Linear power supply

Dimensions (H X W X D) – 85 x 220 x 390mm

Weight - 5.6kg



Cyrus audio products are designed, manufactured and supported at our headquarters in Cambridgeshire, England.