

COMING SOON!

CYAN Click Digital Integrated Amplifier

Product Description

The Cyan Click is a revolution in product design. No bigger than the QBD76 but packed full of features it is the first in the Cyan range. The Click is an integrated amplifier with control for both digital and analogue inputs and also wireless via our unique digital bluetooth system. Still more than capable to drive large loudspeakers the Cyan Click will be available in two power versions both using some of the latest designs in high frequency power supplies.



Analogue sources can be connected via the XLR balanced input or to the separate RCA phono input. Both can be used at the same time and are independently switchable.

Digital connectivity is via a BNC coax, optical TOSLink or USB input and all are converted using a high quality digital to analogue converter. Again all of them can be used and controlled at the same time.

The wireless connectivity via our Bluetooth system gives the ability for A2DP enabled phones, digital assistants and personal computers to transmit high quality audio without the need for cables. The Cyan Click includes our custom designed Bluetooth receiver that extracts and decrypts the digital audio information and then sends this directly into the digital to analogue converter along with the other digital inputs. This bluetooth connection uses a very simple pairing procedure and with a range of up to 30 meters it can be used anywhere in the home.

The USB port can be connected to a personal computer and will seamlessly appear as an audio device by the operating system. Any music played on the computer will be digitally decoded and then converted to a HiFi quality signal for playback.

Selection and control of all inputs is via an easy to use front panel interface or remote control and the large display can easily be seen across a room. High quality Alps motorised potentiometers are used to adjust both the volume and balance.

The power supply uses two of the newest generation ultra high frequency power supplies. These have the ability to store and couple energy very efficiently and give a much faster response to power demands than conventional designs.

Preliminary Product Specification (Subject to change)

Pre-Amp Section

Unbalanced Input:	1 pair RCA phono
Balanced Inputs:	1 pair of 3-pin female XLR inputs
Digital Inputs:	Coax BNC, TosLink Optical, B type USB
Wireless Input:	Bluetooth A2DP
Signal to Noise Ratio:	-90dB all inputs
Frequency Range:	2.5Hz – 200kHz (-3dB)
Harmonic Distortion:	10 Hz –91dB, 1kHz –93dB, 10kHz –90dB, 20kHz –87dB
Channel Separation:	10 Hz 90dB, 1kHz 90dB, 10kHz 90dB, 20kHz 85dB
Channel Balance:	0.01dB
Input impedance:	Unbalanced 47kOhms, Balanced 94kOhms (Line 1 & Line 2)

Power Amp Section

Output Power (High Power Version):	100W rms per channel @ 0.05% distortion into 4 Ohms
Output Power (Low Power Version):	50W rms per channel @ 0.05% distortion into 4 Ohms

Frequency Response:	-1dB, 0.8Hz to 46kHz (8 Ohms) -3dB, 0.8Hz to 77kHz (8 Ohms) -1dB, 0.8Hz to 39kHz (4 Ohms) -3dB, 0.8Hz to 75kHz (4 Ohms)
Signal To Noise Ratio:	Better than –103dB, 'A' weighted two thirds
Channel Separation:	-80dB
Output Impedance:	0.03 Ohms
Output Inductance:	2.6mH
Output Connections:	2 x rhodium binding posts
Slew rate:	70V per μ S, 1kHz 20V square wave
Gain:	30dB
Stability:	Unconditional

Dimensions:	338 x 60 x 145mm (Width x Height x Depth)
Weight:	7Kg



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