

## Cyrus Audio Ltd: Cyrus 6 DAC and Cyrus 8 DAC

### Product Names:

Cyrus 8 DAC.

Cyrus 6 DAC (this is a subset of the Cyrus 8 DAC).

### Product description:

Cyrus 8 DAC: 70Watt/Channel integrated stereo amplifier.

Cyrus 6 DAC: 40Watt/Channel integrated stereo amplifier (Differences between the two models: the toroidal power transformer used in the Cyrus 6 DAC has a lower VA rating as does the current rating of AC mains fuse).

Analogue input signals are switched with an analogue function switch and then fed into a digitally controlled analogue volume control IC. The output signal is fed into a class B power amplifier or a headphone amplifier.

A USB-SPDIF IC provides USB audio streaming, outputting digital audio data to a switch/multiplexer. Other external digital inputs are also connected to the same switch/multiplexer. I2S audio is then fed to a DAC. The audio output of the DAC is sent to the analogue input selection.

Power is supplied from a linear power supply, with the option of connecting an external DC power supply (PSXR) to the Cyrus 8 DAC (only).

Control of the unit is from a microcontroller on the front panel assembly.