

**CC1** *Jitter is the Achilles heel of digital audio. A stable clock is of vital importance for high quality sound. CC1: without doubt **The Final Word.***



*driven to improve*

The CC1 distributes word clock and AES3 sync signals of superb quality to all equipment in your system. It operates in master mode or slaves to word clock and AES3 inputs.

**Grimm** | **AUDIO**

Grimm Audio's extensive research into the correlation between jitter and sound quality brought to light that emotional response to music is vastly more sensitive to jitter than previously realized. Attention turned from "making jitter low" to achieving the most stable clock possible. This research turned up a surprising array of previously underestimated performance factors like power supply noise, oscillator control circuit noise and low-level crosstalk. Owing to a radically redesigned discrete crystal oscillator, clock stability betters that of even the best test equipment available.

The CC1 is not only designed to be a perfect master clock, but also offers superior performance in slave mode, for instance when slaving to a studio reference signal or when reclocking a digital audio signal. To sync to an external reference the CC1 has a PLL offering an astounding 90 dB of jitter suppression at 10 Hz modulation, further improving at 60 dB/dec.

The CC1 offers base rates of 44.1 kHz and 48 kHz and 1/2/4 multiples in two separately selectable groups, in addition to an AES/EBU reclocker for cleaning the digital feed to your DA converter. Like all Grimm Audio products, the CC1 has striking styling and solid build quality.

## Features

- Ultra low jitter clock oscillator (< 1 ps from 10 Hz modulation frequency upwards)
- Superior PLL with 90 dB jitter suppression at 10 Hz modulation frequency
- 16 BNC word clock outputs
- AES/EBU (S/PDIF) reclocking
- Sample rates fro 44.1 kHz up to 192 kHz
- Two independent sample rate groups
- For video sync, add our VCC
- 5 year limited warranty
- 430 x 44 x 200 mm (WxHxD)

