

CG-2000



Master Clock Generator

- the ultimate solution for broadcast and postproduction studios
- Stable synchronization between picture and sound
- Flexible system setup with a large variety of audio and video formats (Audio: Wordclock, AUS3, AES11, SPDIF, Video: NTSC, PAL, HD tri-level)
- High-quality OCXO (Oven Controlled Crystal Oscillator) rubidium oscillator for highly accurate clock signal generation
- Jitter management circuit and glitch-less relock management to avoid problems caused by master clock signal
- Clock input supports clock rates up to 10 MHz
- 4 video sync outputs, 12 wordclock outputs, 2 AES3 or AES11 outputs, 2 SPDIF outputs
- 2 wordclock outputs support Fs/4, Fs/2, 2 Fs, 4 Fs and 256 Fs to be used with ProTools and other DAW software
- Support for 0.1%, 4 % pull-up/pull-down
- Self-calibration function* allows maintenance by operator for optimum accuracy at any time
- Output levels of the wordclock connectors can be adjusted
- Analyzer feature allows to measure input frequencies, input levels and the termination of output devices
- Logging function for troubleshooting (check the log on the display or capture a CSV-format file on a USB flash drive)
- Up to 4 system settings can be saved for recall and saved settings can be imported and exported via USB
- Panel-lock to prevent misoperation
- Organic EL display with a wide viewing angle
- Firmware updates possible using the USB port
- Highest reliability through redundant power supply and redundant video sync and wordclock inputs
- GPO signaling outputs for monitoring the error status

*Use of the self-calibration function requires preparation of a separate PPS-output or 10-MHz oscillator with a built-in GPS antenna

- External dimensions (w × h × d) 483 mm × 44 mm × 310mm
- Weight: 3.3 kg