

# DRAWMER

## M-Clock Plus

NEW

AES GRADE 1 MASTER CLOCK/DUAL SAMPLE RATE CONVERTER



M-Clock Plus is a high stability master clock generator offering clock rates between 44.1 and 192kHz. In addition to the internal clock source, the M-Clock Plus can distribute an external word clock source or extract the clock frequency from an AES11 (digital black) source.

Two sample rate converters re-clock an input at any input sample rate within the M-Clock Plus' range to the currently selected sample rate. This allows synchronization of inputs from a CD player, DAT or musical keyboard that may not be operating at the project sample rate.

A numeric readout on the front panel displays the selected clock frequency in kHz to four decimal places, nominal frequency  $\pm$ PPM deviation, or nominal frequency  $\pm$ %.

### Features:

- Internal clock generator: 44.1, 48, 88.2, 96, 176.4 and 192kHz.  $\pm$ 1 PPM accuracy (AES Grade 1)
- External clock inputs: BNC word clock, AES11
- Sample Rate Converter inputs are selectable AES/EBU (XLR), S/PDIF Coax (RCA) and S/PDIF optical (TOSLink). Outputs are simultaneous AES/EBU, S/PDIF Coax, and S/PDIF optical. Output word length is selectable between 24-bit and 16-bit dithered.
- One set of sample rate converter inputs and two BNC word clock outputs are located on the front panel for convenient connection of visiting equipment.
- Word clock outputs: Ten BNC, two AES11 XLR, two AES11 RCA
- Power Supply: Universal, 85 to 250 VAC, 50-60 Hz
- Dimensions: 1 rack unit / 44mm(h) x 482mm(w) x 145mm(d) / 1.75" (h) x 19" (w) x 5.7" (d)
- Weight: 2.02 kg / 4.45 lb