

# Mutec MC-3+ USB Audio Re-Clocker/USB Interface/lowest Jitter Master Clock

## Interfaces

- 1 x USB2.0 interface, bi-directional usable
- 1 x BNC input for Word Clock + 1-10MHz, 75 ohms termination switchable, unbalanced
- 1 x XLR input for AES3/11, 110 ohms terminated, transformer balanced
- 1 x BNC input for S/P-DIF + AES3id, 75 ohms terminated, unbalanced
- 1 x Optical input for S/P-DIF, Toshiba Toslink™, EIAJ RC-5720
- 1 x Cinch input (coaxial) for S/P-DIF, 75 ohms terminated, unbalanced
- 4 x BNC outputs for Word Clock, terminated, unbalanced, individually buffered, adjustable in pairs
- 1 x XLR output for AES3/11, terminated, transformer balanced, buffered
- 1 x BNC output for AES3id, 75 ohms terminated, unbalanced
- 1 x BNC output for S/P-DIF, 75 ohms terminated, unbalanced
- 1 x Cinch (coaxial) output for S/P-DIF, terminated, unbalanced, buffered
- 1 x Optical output for S/P-DIF, Toshiba Toslink™, EIAJ RC-5720

## Frequency Synthesis and Basis Clock Generation

- MUTECH's proprietary, ultra-low jitter 1G-Clock technology based on highest-clocked DDS process
- Digitally-compensated basis clock accuracy of <0.1ppm (when shipped), AES11, Grade 1
- Operating temperature 0°C to +50°C

## Power Supply

- Type: Internal switching power supply
- Input Voltage: 90V – 260V (automatic adjustment), 47Hz – 440Hz
- Power Consumption: max. 10W

## Mechanical Details

- Cover size / material / color: 196 x 42 x 156mm without connectors and case feet (W x H x D), 1mm steel sheet, black powder-coated
- Front panel size / material / surface / color: 198 x 44 x 4mm (W x H x D), aluminium, anodized incl. anodic printing or silk screening, aluminium- or black-colored
- Weight: approx. 1350g