RFC-ONE

Real-Time Flash Corrector

Features

- Maintains a clear, natural appearance by reducing flash brightness
- Provides real-time flash detection and correction (2-frame delay)
- Fully automated, from flash detection to correction
- Clear correction without afterimages
- Enables corrected video output by simply connecting the cables
- 1 RU compact unit

RFC-ONE-RU Remote Control Unit (optional)

- Controls two RFC-ONEs simultaneously
- Reads the content of RFC-ONE memory (five scenes, including correction off) for use in control
- Adjustable image parameters, including flash correction level and video level
- 1 RU compact unit

Automatic real-time detection and correction of flash. Perfect in coverage of breaking news with no time for editing
Specifications

RFC-ONE

- Video formats: HD-SDI: 1080/59.94i, 1080/50i
- Video input: HD-SDI: 1.5 Gbps 75Ω, BNC x 1
- Video outputs: HD-SDI: 1.5 Gbps 75Ω, BNC x 4
- Genlock Input: BB: NTSC 0.429 Vp-p/PAL 0.45 Vp-p or Tri-level Sync: 0.6 Vp-p, 75Ω (termination required) or Loopthrough, BNC x 1
- Input Adjustment: ±0.5H relative to Genlock signal phase
- I/O Delay: 2 frames if video and Genlock input phases are the same.

Interface

- DVI: DVI x 1 (Not used)
- USB 1-4: Series-A type connector x 4 (2 on front panel, 2 on rear panel)
- LAN 1-2: 100BASE-TX/1000BASE-T, RJ-45 x 1
- ALARM: 9 pin D sub (female) x 1, Power and fan alarm (Relay contact output)
- RS232C: 9 pin D sub (male) x 1 (Not used)
- DisplayPort 1-4: DisplayPort x 4 for control screen output

Power/Consumption

- 100 V to 240 V AC ±10%, 50/60 Hz
- 138 VA (136 W) at 100 V - 120 V AC
- 148 VA (132 W) at 220 V - 240 V AC

Temperature/Humidity

- 0°C to 40°C/20% to 80% (no condensation)

Dimensions/Weight

- 430 (W) x 44 (H) x 500 (D) mm EIA 1 RU/9 kg

Accessories

- Operation manual (CD), AC adapter, Rack mount brackets

Consumables

- Cooling fans: Replace every 3 years
- Power unit: Replace every 5 years
- Battery: Replace every 5 years

RFC-ONE-RU (Preliminary)

Interface

- LAN 1-2: 10/100BASE-TX, RJ-45 x 1 (Hub is required to connect 2 units of RFC-ONE)

Temperature/Humidity

- 0°C to 40°C/20% to 80% (no condensation)

Power/Consumption

- DC ±12V ±10%

Dimensions/Weight

- 430 (W) x 44 (H) x 42 (D) mm EIA 1 RU/9 kg

Accessories

- AC adapter; Replace every 5 years

Consumables

- Cooling fans: Replace every 3 years