

HD/SD Chroma Keyer

MBP-100CK

The MBP-100CK is a High performance chroma keyer with FOR-A's unique algorithm.



- 4:4:4:4 Internal Process
- HD/SD-SDI 3 inputs, 8 outputs
- Edge color replacement
- Filtering to eliminate flickering
- Internal Delay Lines (7 frames)
- 2 Independent Layering Downstream Keyers
- Still Store Function
- GUI Control Software
- MBP-12RU: Remote control unit (option)



MBP-100CK Set-up Display

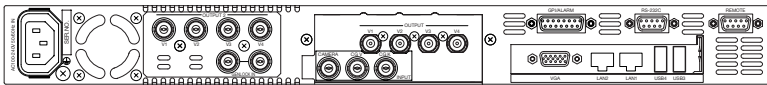


Chroma Key Display

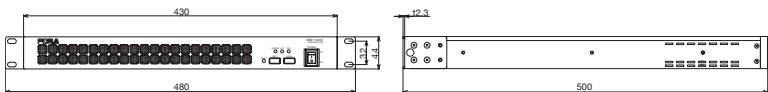
Specifications

Standard	HD: 1080/59.94i, 1080/50i, 720/59.94p, 720/50p SD: 525/60 (NTSC), 625/50 (PAL)
Standard (Option)	1080/30p, 1080/30PsF, 1080/29.97p, 1080/29.97PsF, 1080/24p, 1080/24PsF, 1080/23.98p, 1080/23.98PsF
Video Input	HD-SDI: 1.485/1.001Gbps or SD-SDI: 270Mbps, 75Ω, 3 inputs (CAMERA, CGV, CGK), BNC
Reference Input	BB: NTSC: 0.429Vp-p/PAL: 0.45Vp-p or Tri-level sync: 0.6Vp-p, 75Ω, 1 input, BNC
Video Output	
OUTPUT (V1-V4)	HD-SDI: 1.485/1.001Gbps or SD-SDI: 270Mbps, 75Ω, 4 outputs, BNC
OUTPUT 2 (V1-V4) (Same signals as OUTPUT)	HD-SDI: 1.485/1.001Gbps or SD-SDI: 270Mbps, 75Ω, 4 outputs, BNC
VGA Output	15-pin D-sub (female), 1 output.
Signal Processing	4:4:4:4 component
Quantization	Y: 10-bit, C: 10-bit, K: 10-bit
Chroma Keyer	FOR-A unique algorithm chroma keyer with Auto chroma key and Edge color replacement technology
DSK	MIX: Normal/Add (selectable) Priority: Selectable 4 layer Transition Rate: 0 sec - 30 sec
Camera Delay Adjustment	0H - 7 frame
Interfaces	VGA: 15-pin Mini D-sub (female), 1ea. Ethernet: 100Base-TX (1000Base-T is future support), RJ-45, 2 ea. USB: USB 2.0 (High Speed) Series A connector, 4ea. (2 ports on front panel and 2 ports on rear panel) REMOTE (RS-422): 9-pin D-sub (female), 1ea. RS-232C: 9-pin D-sub (male), 1ea. GPI/ALARM: 15-pin D-sub (female), 1ea. - GPI: 4 inputs/2 outputs (relay input, open collector output) - ALARM: Power, Fan alarms (relay output)
Temperature / Humidity	0°C - 40°C / 20% - 80% (no condensation)
Power	100VAC - 240VAC ±10%, 50/60Hz
Consumption	110 VA (115 W) at 100 VAC 132 VAC (118 W) at 200 VAC
Dimensions / Weight	430 (W) x 44 (H) x 500 (D) mm EIA1RU / Approx. 9kg
Accessories	Operation manual, AC cord, rack mount brackets
Options	MBP-12RU: Remote control unit

Rear Panel



External Dimensions



Remote Control Unit: MBP-12RU



Remote control unit enabling control over the MBP-100CK. It provides intuitive operation by touch panel and button switch.

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