

CLIP SERVER
MBP-200SX

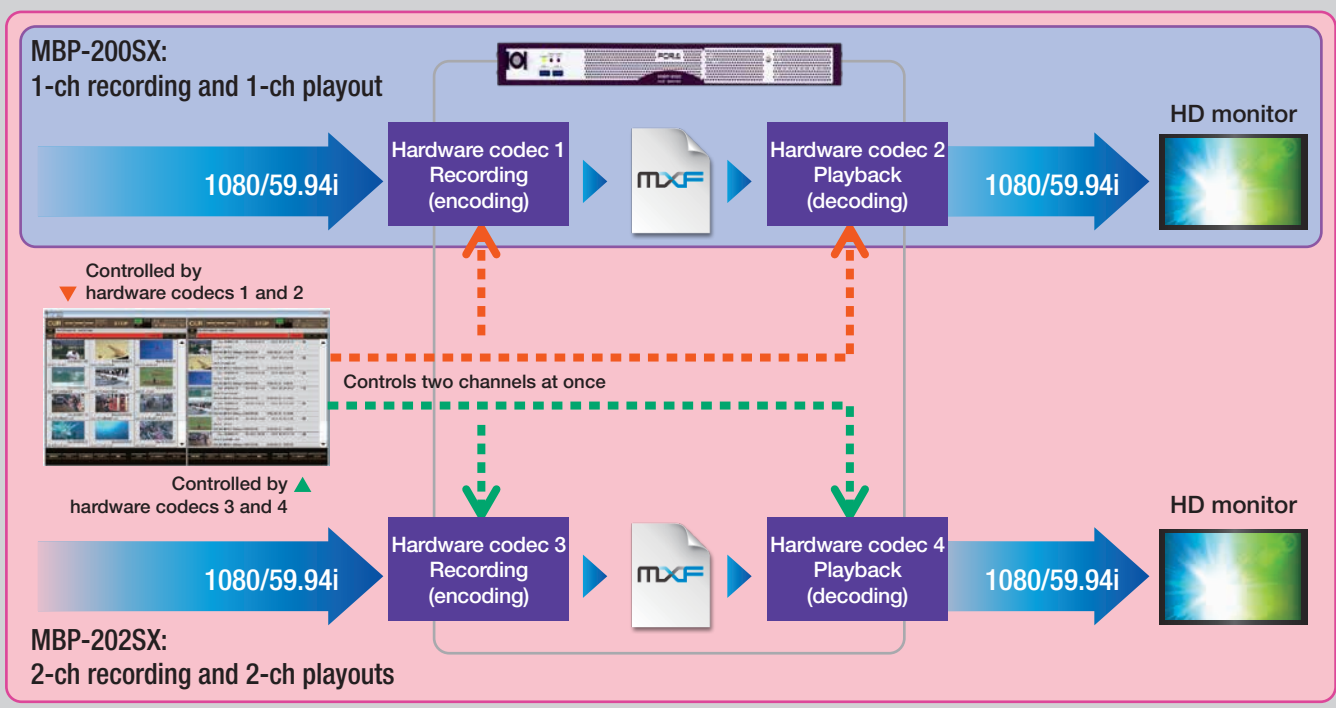


Simultaneous dual-channel recording (encoding) and playback (decoding), using hardware codec*

*MBP-200SX: Single-channel only available.

- Converts between HD-SDI signals and MXF files (compatible with Sony XDCAM), using built-in hardware codecs.
- Ample 480 or 960 GB SSD storage
- Direct playback from external XDCAM drive
- Controls two channels at once, using control software. (installed)
- Supports embedded audio and ancillary time codes.
- Compact 1U enclosure

Simultaneous records and plays two channels

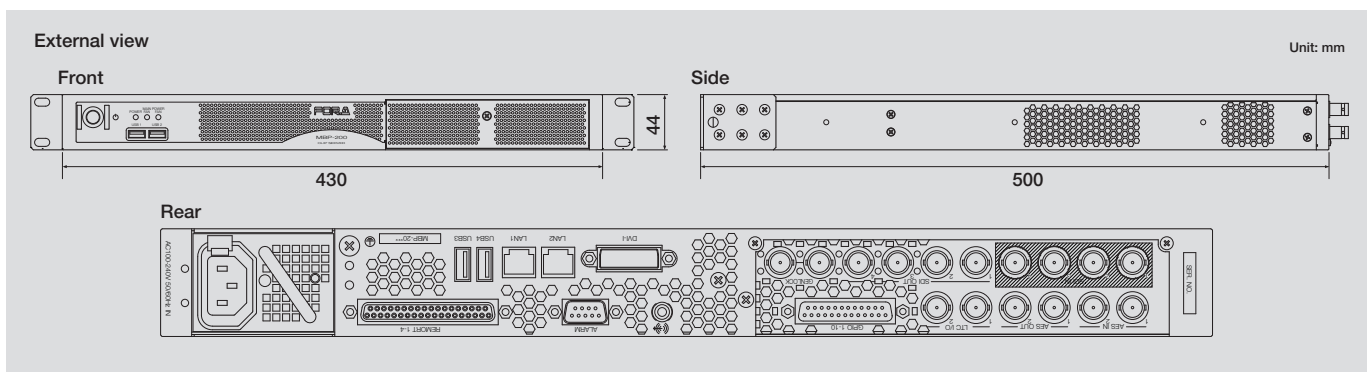


Specifications

MXF	XDCAM HD: 25 Mbps (CBR), 35 Mbps (VBR) XDCAM HD422: 50 Mbps (CBR)
Video format	1080/59.94i, 1080/50i, 720/59.94p, 720/50p
Video input	HD-SDI: 1.5 Gbps, 75Ω, BNC x 4 *Among four inputs, 1 input for MBP-200SX and 2 inputs for MBP-202SX
Reference input	BB: NTSC 0.429 Vp-p or Tri-level Sync: 0.6 Vp-p, 75Ω, BNC x 2 with pass-through
Video output	HD-SDI: 1.5 Gbps, 75Ω, BNC x4 (time code overlay available for two outputs) MBP-200SX: Play/TC super/recording-through selectable. (Default setting: 1. playout, 2. TC super, 3. playout, 4. TC super) MBP-202SX: Play/TC super/recording through selectable for each channel. (Default setting: 1. First channel playout, 2. First channel TC super, 3. Second channel playout, 4. Second channel TC super)
Audio input	HD-SDI (embedded audio): Up to 8 channels (four stereo pairs), 16/20/24-bit, 48 kHz AES: 16/20/24-bit, 48 kHz, BNC x 2
Audio output	HD-SDI (embedded audio): Up to 8 channels (four stereo pairs), 24-bit, 48 kHz AES: 24-bit, 48 kHz, BNC x 2
Time code input/output	SMPTE RP188 ATC (VITC/LTC) LTC: 1.0 Vp-p, unbalanced, BNC x 2 *input/output selectable via software
System partition	80 GB, SSD, Windows®7 embedded
Data partition	MBP-200SX: 480 GB (480 GB x 1) *records approx: 15 hours with XDCAM HD422 50 Mbps material MBP-200SX-S1: 960 GB (480 GB x 2 RAID-0) *records approx: 30 hours with XDCAM HD422 50 Mbps material MBP-202SX: 480GB (240GB x 2 RAID-0) *records approx: 15 hours with XDCAM HD422 50Mbps material MBP-202SX-S1: 960GB (480GB x 2 RAID-0) *records approx: 30 hours with XDCAM HD422 50Mbps material (System partition and data partition SSD sizes subject to change.)
Interface	DVI: DVI-I x 1 (can be connected to a display) Ethernet: 100BASE-TX/1000BASE-T, RJ-45 x 2 USB: 3.0 Type A x 2 (on the front panel) 3.0 Type A x 2 (on the back panel) REMOTE 1-4: 37-pin D-sub (female) x 1 (for four remote control connections), supplied with a four-branch cable (9-pin D-sub connector x 4) GPI: 25-pin D-sub (female) x 1, 10 inputs and 10 outputs (insulated input, insulated open-collector output) ALARM: 15-pin D-sub (female) x 1 for power supply and fan alarm (contact output) Audio output: 3.5 mm stereo mini jack x 1
Temperature/humidity	0°C to 40°C / 20% to 80% (no condensation)
Power	100 V AC to 240 V AC ±10%, 50/60 Hz
Consumption	140 VA (137 W) (at 100 V AC to 120 V AC), 154 VA (132 W) (at 220 V AC to 240 V AC)
Dimensions/weight	430 (W) x 44 (H) x 500 (D) mm / 9 kg
Consumables	Cooling fan: Replace every 3 years Power supply: Replaced every 5 years Battery: Replaced every 5 years (replaced every 1 year when the unit powered off for an extended period.)
Accessories	CD-ROM (Operation manuals), Power cable (with outlet tether), Rack mount brackets, Four-branch cable (9-pin D-sub connector), Control software (installed)

- XDCAM is a trademark of Sony Corporation.

- Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries.



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