

Transmission server

- MPEG2 based server
- Selectable profiles, GOP, and bit rates
- Up to 10 I/O configurable either as inputs or outputs with the optional MAV-EX70 Expansion Unit
- Networked system interconnection with Fibre Channel and Ethernet
- Near-line data tape storage from hundreds of Gigabytes to million of Gigabytes
- High reliability - RAID-3 storage, hot swappable components and redundant PSUs
- Open architecture
- Large storage capacity from 63 GB to up to 504 GB
- Audio /VBI support
- 5U high one-piece-design compact size

MAV-70 Server Components:

- MAV-70, Server Chassis
- MAV-EX70, I/O Extension Chassis
- BKMA-7010, SDI Encoder/Decoder Board
- BKMA-7020, Encoder Board
- BKMA-7030, Decoder Board
- BKMA-7040, Fibre Channel Port Board
- BKMA-PS70, Optional, redundant PSU

Application Software Packages:

- BZA-900, Multi-Channel Manager software
- BZA-820, Transmission Management software
- BZAA-821, I/O Expansion Option software
- BZAA-822, Time Shift Option software
- BZAA-823, Copy Management Option software

Specifications:

General

Power supply: AC 100 - 240 V, 50/60 Hz
Power consumption: 620 VA
Operating temperature: +5°C to +40°C (41°F to 104°F)
Dimensions: 220 × 424 × 630 mm
(H/W/D)(Approx.) (8 ¾ × 16 ¾ × 24 7/8 inches)
Mass (Approx.): 50 kg (110 lb 4 oz)

Video Input/Output

- 422P@ML on MPEG-2(including MP@ML)
- User Presetable Bit Rate file by file
MP@ML:1.5 - 15 Mbps
422P@ML:1.5 - 50 Mbps
- SDI
- Analog composite

Audio Input/Output

- AES/EBU 32, 44.1, 48 kHz 16 bits or MPEG - 1 Layer 2
- 4 channels per video channel
- AES/EBU (for 1/2 channel)
- AES/EBU (for 3/4 channel)
(selectable source arrangement: 3/4 or 1/4 or 3/2 or 1/2)
- Analog input and output: 2 XLR connectors
(2 channels analog input / output per video channel)

EMC & Safety

- VCCI (CLASS-A/Japan),
- FCC(PART15 CLASS-A/ USA),
- EU-EMC(EN55022 CLASS-B/Europe) (EN50082-1)
- IC(ICES-003 CLASS-A/Canada),
- AU-EMC(AS/NZS3548 CLASS-B/Australia)
(AS/NZS 4252)

