

EBU Technical Statement D85-1999 Constraints on MPEG 4:2:2 P@ML compression to ensure interoperability in television production

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The EBU has listed in Technical Statement D84-1999[1] the interoperability requirements for television installations intended for complex programme production and postproduction that are based on the use of MPEG 4:2:2P@ML compressed video bit streams. In order to meet these requirements, the EBU believes that:

- a single bit rate at 50 Mbit/s should be used;
- the video encoding algorithm should use I-frame only compression and a constant number of bytes per GOP (Group of Pictures).

The EBU encourages the manufacturers of equipment using MPEG 4:2:2P@ML compression to agree on the details of the single bit stream mentioned above. The EBU would be willing to publish the resulting specification as a formal Standard.

Bibliography

[1] EBU Technical Statement D84-1999 **Use of 50 Mbit/s MPEG compression in television programme production**
