

SMPTE RECOMMENDED PRACTICE

Stereo Audio Track Allocations and Identification of Noise Reduction for Video Tape Recording



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1 Scope

This practice recommends the allocation of stereo audio tracks on quadruplex television tape recorders employing a split audio head, 1-in types B and C, 3/4-in type E, and 1/2-in types H, L, and M, for the exchange of stereo program material between television organizations. It also recommends an identification procedure if noise reduction is employed, and identification and marking of the tape reel or cassette and the associated box.

2 Track allocation

For stereo audio on television program material, track 1 shall carry the discrete left (L) signal and track 2 shall carry the right (R) signal. The terms "left" and "right" shall relate to the viewer's perspective.

3 Noise reduction

Unless explicitly provided for by the applicable format documentation, noise reduction shall only be employed by prior arrangement of the persons exchanging program material.

4 Labels

The tape reel or cassette and the associated box shall be marked with an indication that the program material is recorded in stereo. If noise reduction is employed, the tape reel or cassette and the associated box shall be marked to identify its use, type, and reference fluxivity.

Annex A (informative)

Bibliography

Type B:

SMPTE 16M-1998, Television Analog Recording — 1-in Type B Helical Scan — Records

SMPTE 17M-1998, Television Analog Recording — 1-in Type B Helical Scan — Frequency Response and Operating Level

Type C:

SMPTE 19M-2003, Television Analog Recording — 1-in Type C — Records

SMPTE 20M-2003, Television Analog Recording — 1-in Type C Recorders and Reproducers — Longitudinal Audio Characteristics

Type E:

ANSI/SMPTE 21M-1997, Video Recording — 3/4-in Type E Helical-Scan — Records

Type H:

SMPTE 32M-1998, Video Recording — 1/2-in Type H - Cassette, Tape and Records

Type L:

ANSI/SMPTE 229M-1996, Television Analog Recording — 1/2-in Type L — Records

ANSI/SMPTE 230M-1996, Television Analog Recording — 1/2-in Type L — Electrical Parameters, Control Code and Tracking Control

2-inch:

SMPTE 6-1998, Video Recording — 2-in Quadruplex Tape — Video, Audio and Tracking-Control Records