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SMPTE ENGINEERING GUIDELINE

EG 17-2002

Revision of EG 17-1997

B-Chain Electroacoustical Response for Preparing Magnetic Masters for Transfer to 16-mm or 35/32-mm Monaural Photographic Film



Page 1 of 4 pages

1 Scope

This guideline specifies the electroacoustical frequency response characteristic of the monitor system when making magnetic masters intended for transfer to 16-mm photographic negative tracks.

2 Definitions

2.1 complete sound reproduction system: Represented diagrammatically in figure 1 and used in studio dubbing theaters, laboratory review rooms, and indoor theaters, generally considered to consist of an A- and B-chain.

2.2 preemphasized audio track: An audio rec-ord, either magnetic or photographic, which is intended for playback over normally deemphasized playback systems.

2.3 A-chain (transducer system): That part of a motion-picture audio system shown in figure 1, extending from the transducer to the input terminals of the main fader.

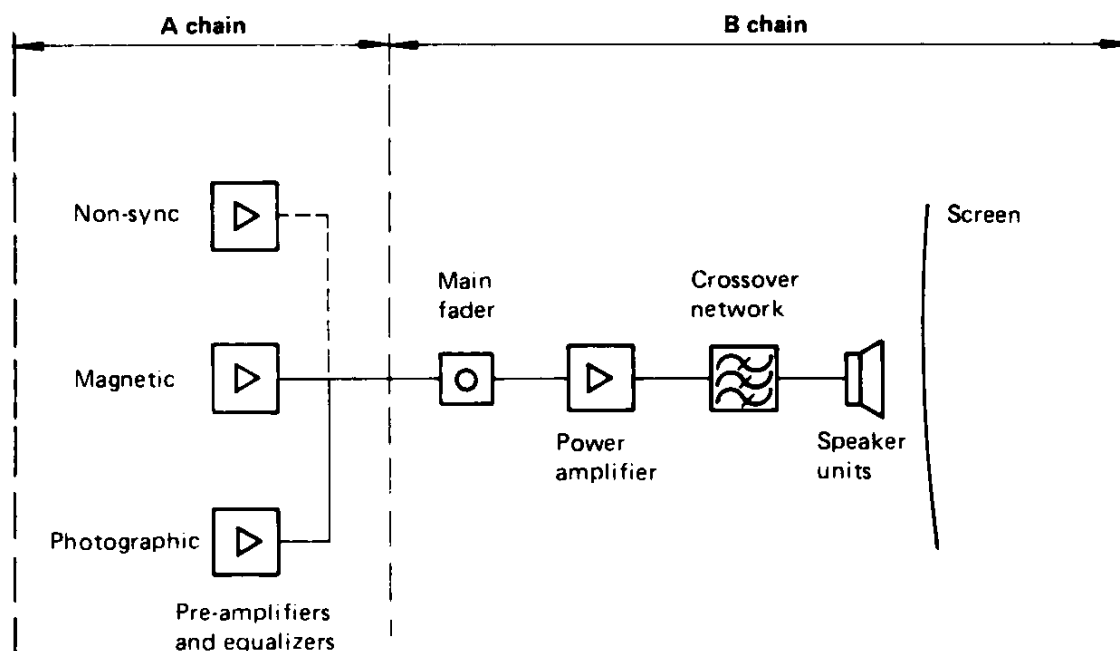


Figure 1 – Complete theatrical sound reproducing system