Four-Frequency Calibration Tapes: 1 kHz, 10 kHz, 16 kHz, and 50 Hz, ¼ each

These "minimalist" four-frequency Calibration Tapes contain a 1 kHz signal for setting level, a 10 kHz signal for setting azimuth and high-frequency equalization, a 16 kHz signal for checking high-frequency response, and a 50 Hz signal for checking the low-frequency equalization. They are shown in the table below for ¼-, ½-, 1-, and 2-inch widths; and 3.75-, 7.5-, 15-, and 30-in/s tape speeds.

Catalog numbers are shown for reference fluxivities of both 250 nWb/m ("+3 dB") and 355 nWb/m ("+6 dB"). All tones are recorded at 0 dB on 15- and 30-in/s tapes; all tones are recorded at -10 dB on 3.75- and 7.5 in/s tapes, to avoid saturating the tape at high frequencies. All of these recordings are fringing compensated. For 2-track ½ inch, or 2- or 4-track 1 inch use, inquire for the catalog numbers of non-fringing compensated tapes. Please also see Publication LF, on the other side.

Catalog numbers and prices are given for total durations of 4 minutes (54 s per tone) and for 8 minutes (115 s per tone). See "Choosing and Using MRL Calibration Tapes for Audio Tape Recorder Standardization", MRL Publication, for more information on choosing and converting between different equalizations and levels, as well as descriptions of other test signals that are available from MRL, and notes on using Calibration Tapes.