

Film-Tech

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These manuals are designed to facilitate the exchange of information related to cinema projection and film handling, with no warranties nor obligations from the authors, for qualified field service engineers.

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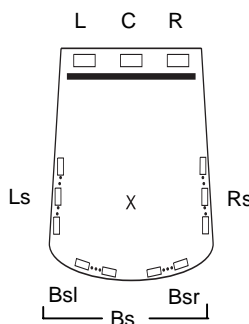
Cat. No. 1013 Dolby Digital Surround EX Test Film

The Cat. No. 1013 is a Dolby Digital audio-only test film (no picture or analog track) used for a quick sound check in theatres equipped with a Dolby Model SA10 Digital Surround EX Adapter.

The Cat. No. 1013 is a 32 foot length of 35 mm film. The Dolby Digital track is comprised of pink noise, with the response rolled off below 100 Hz. It plays for three seconds on each of the six channels, following the sequence: left, center, right, right surround, back surround and left surround. The film should be looped for continuous playback.

Using the Test Film

1. Splice the film to form a 32 foot loop. Use caution when threading the loop as it is on a mylar or polyester base.
2. Set up to take sound level readings. Make sure that the SPL meter is in the exact center of the width of the auditorium, i.e., centered between the two side walls. It should also be 2/3 of the length of the theatre away from the screen. Set the meter to "slow".



3. Set the cinema processor to format 10, **Digital Surround EX off**.
4. Play the film loop and confirm levels of approximately 81 dBC *slow* from each of the six pink noise signals played through L, C, R, Rs+Bsr, all surround speakers, and Ls+Bsl. The tonal balance and acoustic level should subjectively match.
5. Turn Dolby **Digital Surround EX on** and reselect format 10 on the cinema processor.
6. Confirm levels of approximately 81 dBC *slow* from each of the six pink noise signals played through (L, C, R, Rs, Bs, and Ls). Again, the tonal balance and acoustic level should subjectively match.

Availability

The Cat. No. 1013 Digital Surround EX test film is available from Dolby Laboratories, Inc.