When screening Dolby® Digital 35 mm films, the Dolby ScreenTalk™ system superimposes subtitles over the projected image using a video projector, or displays the text via an alternative subtitling device. There is no need for special prints; the film distributor simply provides the cinema, either electronically or via CD-ROM, a computer file containing the subtitling and audio description information for a particular release.

The Dolby ScreenTalk system can also be used with a video projector to exhibit advertising slide shows. Cinema staff can assemble and load the shows using Dolby ST Media Master software supplied with the Dolby ScreenTalk package.

For audience members with disabilities, the system interfaces with the cinema’s wireless headphone installation to transmit audio commentary directly to visually impaired patrons. Subtitles for the hearing impaired can be projected simultaneously, using a different color for each character’s dialogue to provide a more satisfying cinema experience.

The Dolby ScreenTalk Package

The Dolby ScreenTalk system operates in conjunction with an off-the-shelf PC running Linux-based Dolby software. Projectionist control is provided by the Dolby Model ST100 System Controller, which eliminates the need for a keyboard, mouse, or monitor for the PC. Timing information from the film’s Dolby Digital soundtrack links the subtitles and audio description to the film being shown.

The Dolby ScreenTalk package also includes an electronically controlled douser (Dolby Cat. No. 765A), which is positioned in front of the video projector. The douser automatically adapts to the size of the subtitle, opening just enough to project the text, thereby preventing unwanted light from reaching the screen. The douser makes it possible to use a standard video projector without compromising presentation quality.

Your Dolby cinema equipment dealer can provide a Dolby ScreenTalk system tailored to your individual needs, including a suitable PC, a video projector appropriate to your cinema’s size and configuration, an infrared headphone system if required, and the Dolby ScreenTalk components and software.
Dolby ScreenTalk Cinema Subtitling and Audio Description System

ScreenTalk Front Panel

Alphanumeric Display
Two-line, 16-character display with control keys

Status LEDs
- Video data acquired
- Audio data acquired
- Sync with film achieved

Douser Power LED
- Cat. No. 765A video projector douser active

ScreenTalk Rear Panel

Douser Output
- 9-pin female D-connector for Cat. No. 765A power and control

Serial Data Port
- 9-pin male D-connector, RS-232, for external control

Subtitle Data Output
- 9-pin male D-connector for alternate subtitling device

Automation
- 15-pin female D-connector for controlling and indicating Film mode, Advert mode, and System Off

PC Port
- USB Type B

Construction
- 1-U rackmount chassis

Cinema Processor Compatibility
- Dolby DA20, CP500, or CP650

Power Requirements
- 100–240 VAC, 50–60 Hz, 5 W, from centrally switched power source

Dimensions and Weight
- ST100: 483 x 44 x 179 mm (19 x 1.75 x 7 inches)
  - Net: 2.7 kg (5.95 lb)
- Cat. No. 765A:
  - 219 x 258 x 54 mm (8.6 x 10.16 x 2.13 inches)
  - Net: 1.4 kg (3.1 lb)

Environmental Conditions
- Operating: 0°C to 40°C (32°F to 104°F)
- Nonoperating (storage): 0°C to 85°C (32°F to 185°F)
- Humidity: 20% to 80% relative, noncondensing

Regulatory Notices
- North America: This unit complies with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules, and Industry Canada ICES-003 specifications. It is UL Listed for the US and Canada.
- Europe: This unit complies with the requirements of Low Voltage Directive 73/23/EEC and EMC Directive 89/336/EEC and carries the CE marking accordingly.

Warranty
- One-year limited, parts and labor; see disclaimer below.
- Specifications subject to change without notice.

Disclaimer of Warranties
- Equipment manufactured by Dolby Laboratories is warranted against defects in materials and workmanship for a period of one year from the date of purchase. There are no other express or implied warranties and no warranty of merchantability or fitness for a particular purpose, or of noninfringement of third-party rights (including, but not limited to, copyright and patent rights).

Limitation of Liability
- It is understood and agreed that Dolby Laboratories’ liability, whether in contract, in tort, under any warranty, in negligence, or otherwise, shall not exceed the cost of repair or replacement of the defective components or accused infringing devices, and under no circumstances shall Dolby Laboratories be liable for incidental, special, direct, indirect, or consequential damages (including, but not limited to, damage to software or recorded audio or visual material), cost of defense, or loss of use, revenue, or profit, even if Dolby Laboratories or its agents have been advised, orally or in writing, of the possibility of such damages.

© 2005 Dolby Laboratories, Inc. All rights reserved.
W05/082 Part No. 91906 Issue 2