

Dolby Cat. No. 778 Digital Input/Output Card

Digital Audio Coding

16-, 20-, and 24-bit PCM, 44.1 to 48 kHz

Digital Audio Inputs

4 × AES/EBU, balanced (up to 8 channels)

Input impedance: 110 Ω

Digital Audio Outputs

5 × AES/EBU, balanced (up to 10 channels)

Output impedance: 110 Ω

Channel Pair Designations

AES 1 (L/R) Left/Right

AES 2 (C/LFE) Center/Low frequency effects

AES 3 (Ls/Rs) Left surround/Right surround

AES 4 (Bsl/Bsr) Back surround left/Back surround right

AES 5 (Le/Re) Left extra/Right extra

Synchronization

The system synchronizes to the first digital input pair (L/R);
other digital inputs must be phase- and sample-synchronous

Additional Playback Formats

With the Cat. No. 778 installed, the CP650 supports
the following additional digital playback formats:

80 Master Digital (auto-switching)

Dolby Digital (non-film)

PCM two-channel: L, R discrete or Dolby Pro Logic® decoding

81 Master Digital with Surround EX decoding

85 Five-screen-channel

PCM In: L/R, C/LFE, Ls/Rs, Bsl/Bsr (Le/Re input on Bsl/Bsr)

PCM Out: L/R, C/LFE, Ls/Rs, Bsl/Bsr (copy of Ls/Rs), Le/Re

86 Five-screen-channel with Surround EX decoding

PCM In: L/R, C/LFE, Ls/Rs, Bsl/Bsr (Le/Re input on Bsl/Bsr)

PCM Out: L/R, C/LFE, Ls/Rs, Bsl/Bsr, Le/Re

88 Six-channel

PCM In: L/R, C/LFE, Ls/Rs

PCM Out: L/R, C/LFE, Ls/Rs

89 Six-channel with Surround EX decoding

PCM In: L/R, C/LFE, Ls/Rs

PCM Out: L/R, C/LFE, Ls/Rs, Bsl/Bsr

90 Seven-channel

PCM In: L/R, C/LFE, Ls/Rs, Bs

PCM Out: L/R, C/LFE, Ls/Rs, Bsl/Bsr

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