

Inspired . . .

The most technically advanced 70mm/35mm magnetic processor is 20 years. New features and the truest sound reproduction ever offered.

Please see other side for details.



PANASTEREO CSP4600

The CSP4600 has been designed for use in cinemas, preview theatres and film production facilities. The CSP4600 may be configured to contain up to 30 magnetic preamplifier channels, plus 6 channels of A-type noise reduction and 6 channels of Panastereo CM353 SR (patent pending) or Dolby Cat280* SR noise reduction. Comprehensive software controlled crosspoint switching is provided for unlimited flexibility in output configuration allowing instant selection between various 6-track, 4-track, 3-track etc. sep mag formats for film production. The system includes playback capability for all 70mm and 35mm magnetic film formats past and present, including TODD-AO and Dolby Formats 40, 41, 42 and 43.

Software control.

The CSP4600 can be fully controlled and configured from any computer system via RS232 / RS485 serial interfaces.

Features of the new Panastereo CSP4600 include:

- Replay of TODD-AO, Dolby Format 40, 41, 42 and 43 soundtrack formats.
- Replay of 35mm 4-track mag format.
- Replay of 35mm 4-track mag prints with 12 kHz control signal on surround.
- Multi-format replay of sep mag systems for film studios and preview theatres.
- Inputs for up to 5 x 6-track projectors, allowing configuration for two-projector systems with both 70mm and 35mm playback heads.
- 6 channels of A-type noise reduction.
- Optional 6 channels of SR noise reduction (accepts Panastereo CM353 or Dolby Cat280 SR cards).
- Balanced Outputs for Le (Left Extra) and Re (Right Extra) speaker channels.
- Balanced Outputs for Lt (Left Total) and Rt (Right Total) for film studio applications.
- Optional 30 band 1/3 octave or 10 band octave equalizers for Le and Re channels.
- High performance digitally controlled analog audio circuitry - no DSP circuits.
- Serial controlled, high accuracy volume tracking for Le and Re outputs from Panastereo cinema processors and Dolby CP500 cinema processors.
- Simple direct ribbon cable audio connection to Panastereo and Dolby cinema processors.
- State-of-the-art electronically balanced (transformerless), ultra low noise magnetic preamplifiers.
- Adjustable playback equalization of HF, MF and LF for each preamplifier.
- Software controlled highly flexible crosspoint switching eliminates the need for audio patch bay systems in multi-format theatres. Fully microprocessor controlled.
- May be configured to mix Le to L channel and Re to R channel for playback of TODD-AO when only 3 stage speakers are present.

Specifications:

Inputs: Up to 30 (5 groups of x 6) balanced inputs for magnetic tape heads or line inputs for Hard Disk playback systems etc. Systems can be ordered with up to 5 x 6-track preamp cards or any combination of preamp cards and 6-track line inputs cards (up to a total of 5). Each 6-track magnetic preamp card or line input card can be used for 1 x 6 track, 1 x 4 track + 1 x 2 track, 2 x 3 track or 3 x 2 track. All inputs electronically balanced and floating.

Outputs: Left, Center, Right, Left Surround, Right Surround, Sub Bass, Left Extra, Right Extra, Left Total, Right Total. Le/Re and Lt/Rt outputs balanced and floating and will drive a balanced 600ohm load to +26dBu. All other outputs unbalanced for direct connection to cinema processors (nominal output level 300mV to suit most cinema processors).

* Dolby Cat280 SR cards must be supplied by the user.



Made in Australia



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