

JPSL-33

Slot-in loading mechanism for CD/SACD/DVD



Affordable slot loading module

The JPSL-33 is a slot-in loading mechanism for use in discloading applications such as CD/SACD/DVD separates or Home Theatres.

A design feature is that the traverse mechanism is directly mounted to the loader chassis without any moving parts (like a subchassis) in between. This guarantees a vibration- and noise-free operation, even if an unbalanced disc is being played.

In terms of overall dimensions it is roughly within the bounding box of the JPL-2800 tray loader, so that a set cabinet can be designed that can hold either loader.

It is designed to work with Sanyo's DM-3381 traverse mechanism, with Sanyo SF-HD850 OPU. It is suitable for 8cm and 12cm discs up to 1.5mm thickness.

Driver software to operate the loader and traverse is built into the BlueTiger CD-88 and CD-84 boards. The loader is fully RoHS compliant.

Versions:

The JPSL-33 ships with rubber dampers and screws to hold a DM-3381 or compatible traverse, which can be easily mounted without any disassembling on the loader. Special versions, suitable for non horizontal operating positions can be made available on request.

Specification

Weight: 450g (without traverse mechanism)
Operating temperature: -5°C to 60°C
Storage Temperature: -25°C to 70°C
Noise: <70dB;
Shock: >100g; Open/close cycles:>50,000
Electrical connection: 5pin JST connector

Applications:

- ◆ CD-DA players, combi products with CD function.

Benefits:

- ◆ Reduced development and total system cost through platform and product line development.
- ◆ Reduced time-to-market with cost-optimized hardware platform.
- ◆ Robust high end tray loader, with choice of 2 market leading OPUs

Overview:

BlueTiger is a connected CD, DVD and BluRay opticaldrive platform. BlueTiger reference solutions are comprised of a hardware platform, a high quality CD/DVD and Blu-ray loader, and a customizable software framework that enables manufacturers to significantly improve time-to-market and lower development costs when responding to new market opportunities in media convergence.

Availability:

- ◆ **Samples:** Available
- ◆ **Mass production:** Available
- ◆ **Dev-kits:** Available
- ◆ **Recommended servo boards:** CD-80, CD-88

Further Information

StreamUnlimited Optical Storage GmbH

Gutheil-Schoder-Gasse 17

1230 Vienna, Austria

Phone: +43 1 997 4140

E-mail: opticalstorage@streamunlimited.com

<http://www.suos-hifi.com>

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