

## 5.25" Olixir F-Series Docking Bay

for Mobile DataVault F-series family of removable drives (F43, F33, F42, F32, F31, and other)

### ➔ OVERVIEW

Olixir Technologies offers military-grade (with patented shock and vibration protection) removable transportable drives, racks and towers for government and business applications.

Olixir customers include major defense contractors, government, and military agencies worldwide (including Navy, Air Force, Coast Guard, Australian Defense, Canadian Defense, City/Federal agencies, and Industrial Corporations)

Olixir's 5.25" F-Series docking bay is usable with Mobile DataVault F-series family of removable drives (including: F43, F33, F42, F32, F31, and others to be announced in the future)

The docking bay has mounting holes on the side that allow it to be used in a standard 5.25" PC slot, as is typically available in 19" rackmounts, towers, and docking station enclosures.

The docking bay allows for smooth and easy insertion of the drive, a key lock mechanism to keep the drives in place even in high vibration environments, and LED indicators that monitor the drive cartridge inside the docking bay.

### ➔ CONFIGURATION INTERFACE

The backside of the docking bay has SATA/SAS interface (SAS configuration to be announced at a later date) and mates with standard SATA/SAS cables such as the SFF-8470.

### ➔ MECHANISM

The docking bay uses a "carriage" mechanism that is conceptually similar to a file cabinet drawer which allows for smooth insertion and removal. When the drawer is manually pulled out, the Olixir F-series removable drive can be inserted into the drawer. The drawer with the Olixir removable drive is then pushed inward, and will allow for a smooth connection to the docking bay PCBA once it's at the furthest closed position. A physical key lock keeps the drawer from opening even with vibration present. See right for pictures.

### ➔ DIMENSION

5.75" (W) x 1.625" (H); fits 1U) x 8.86" (D)

### ➔ POWER OPTIONS

Single 4 pin MOLEX peripheral connector used for supplying 12V and 5V

### ➔ VIBRATION

Designed to keep the removable drive connected and usable, even in the presence of vibration. Olixir has successfully vibration tested a 6-bay 19" rack populated with 6 docking bays to MIL-STD-810F standards.

### ➔ COOLING

An internal fan and ventilation forces air from the front to back. The drive additionally has vents (with air flow path from front to back) that will keep the internal drive cool for longer life expectancy.

### ➔ WARRANTY

1 year on Docking Bay; 2 years on Drives. Extended warranties available.

### ➔ OLIXIR Part Number : A000-D8-000000

Docking Bay with  
CLOSED Drawer



Docking Bay with  
OPEN Drawer



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