INTRODUCTION

The Addonics family of M2/SSD/HDD duplicator is designed for making multiple copies of M2 SATA SSD or 2.5" SATA HDD/SSD from a single master drive. Each duplicator comes bundled with a set of 2,5" M2 flash drive adapter that turns a M2 SATA SSD into a 2.5" SATA SSD. You can mix and match the M2 SATA SSD, 2.5" SSD or hard drive into the duplicator, thus making it a handy tool for transferring the content between the M2 SATA SSD and 2.5" SATA HDD/SSD. There is no computer needed or complex software to operate the Addonics duplicator. Just load the master media into the source bay and the target media of capacity equal or larger into the target bays, lock the drive doors and push the start button to start the copying process.

About This Model

This 1:11 M2 / 2.5" HDD/Flash Subcompact duplicator allows copying from one source media onto as many as eleven (11) M2 SATA SSD or 2.5" HDD/SSD at one time. Using the included 2.5" M2 flash drive adapters, the M2 SATA SSD can be used just like a regular 2.5" SATA hard drive. The 2.5" M2 flash drive adapters or HDD/SSD is easily loaded or unloaded from the duplicator via removable drive trays, just like an ordinary cassette tape. Using other optional Addonics 2.5" Flash drive adapters, this duplicator can also be used for making copies of many common flash media such as mSATA/mini mSATA SSD, CFast SSDcard, CF card, slim SATA and 1.8" HDD/SSD.
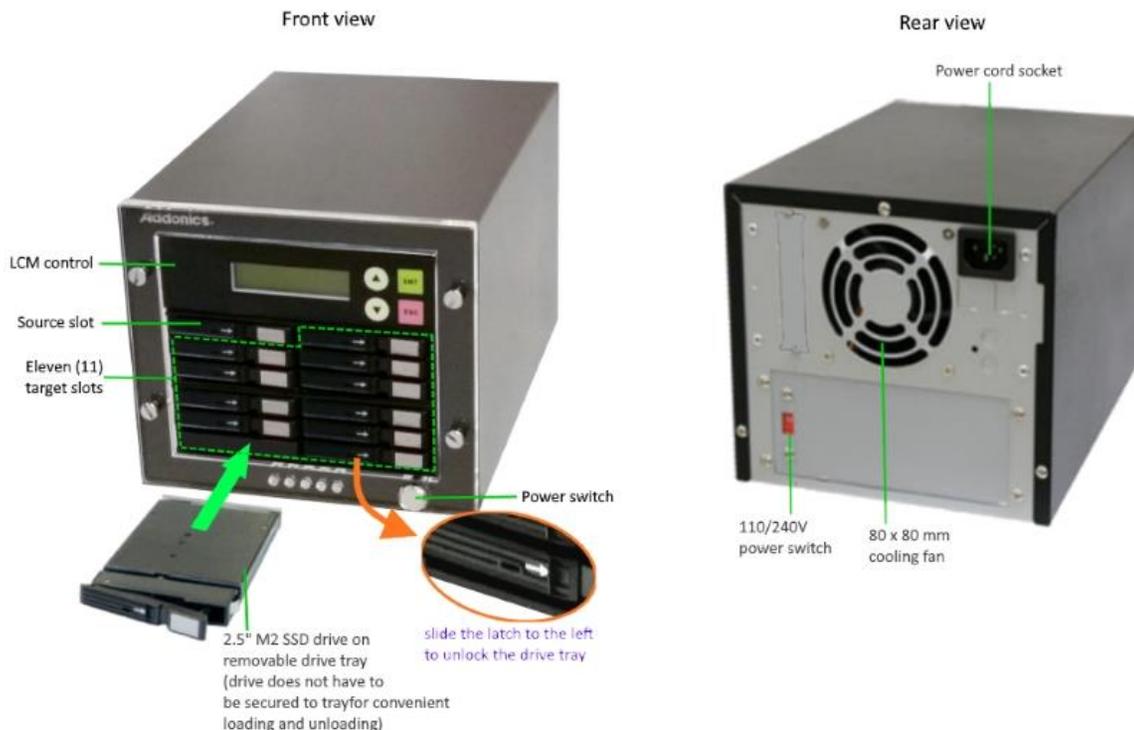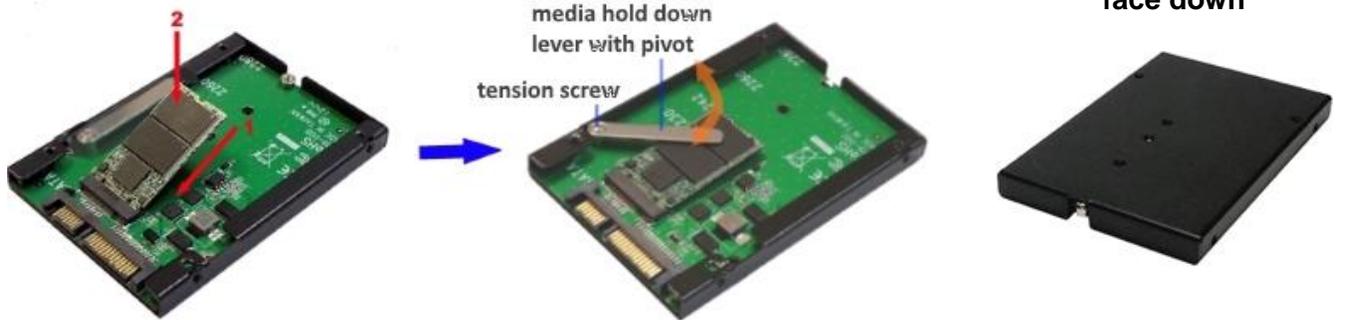
Illustration of installing the M2 SATA SSD onto the 2.5" M2 SSD drive kit

1. remove screw in the middle of the PCB and insert the M2 Card into the connector at ~ 30 degree
2. push the M2 card down flat onto the PCB

3. secure the M2 card by turning the media hold down lever to the top of the M2 card

media hold down lever with pivot

tension screw

2.5" M2 SSD drive shown face down

The following Addonics optional 2.5" flash drive kit allows this duplicator to copy mSATA/mini mSATA, CFast, CF card or slim SATA SSD

mSATA SSD in 2.5" mSATA drive adapter, also support mini mSATA media (AD25MSD-E)	CFast card in 2.5" CFast drive adapter (AD25CFASTD-N)	CF card in 2.5" CF drive adapter (AD25CFD-N)	Slim SATA SSD 2.5" HDD adapter (AA25SEMBK)	2.5" HDD adapter for 1.8" drive (AD18M25S)

Note: the flash cards shown above are for illustration purpose and are not part of the flash drive adapter

FEATURES

- Copy up to eleven (11) M2 SATA SSD or 2.5" SATA HDD/SSD with thickness up to 9.5 mm
- Great for cloning hard drives, making back up hard drives, system upgrade or data distribution or for copying data between M2 SATA SSD and 2.5" SATA HDD/SSD
- Source and 11 targets can be a mix of M2 SATA SSD or 2.5" HDD/SSD
- Comes with twelve (12) units of 2.5" M2 flash drive adapters (AD25M2SSD-E) to convert M2 SATA SSD to 2.5" SATA SSD
- Additional support for mSATA/mini SATA, CFast, CF, slim SATA SSD and 1.8" HDD/SSD with the following optional model of 2.5" flash drive kit
  - AD25MSD-E, AD25CFASTD-N, AD25CFD-N, AA25SEMBK, AD18M25S
- Compact size - slighty larger than a shoe box
- Weight less than 10 lbs
- Typical copying speed*:

Copying Speed		
1 target	3 targets	4 targets or more
~ 105 MB/sec	~ 70 MB/sec	~ 50 MB/sec

- Support any file system
- Maximum storage capacity >4TB
- Source and Destination drives are added or removed like tape cartridges from each drive bay with no special tool required
- Drive sanitization:
  - SECURE ERASE - HDD duplicator sends a WIPE command to the hard drive. This command fills 00 string to entire HDD (this option may not be supported on some SSD or mSATA card)
  - OVERWRITE - One pass, 3 passes and 7 passes 5220.22-M. The duplicator writes a string of pattern over the entire disk one time, three times or seven times. 5220.22-M is the DoD standard for drive sanitization
- LCM control module provides a rich set of robust advanced configuration options (diagram of duplicator features can be here Full LCD console feature list)
- Operate as a stand alone appliance. No computer or software needed

* The speed here is for reference only. The actual transfer rate varies depending on the speed of the source and destination drive

Components for the main unit
Storage Tower 3 (ST3), 1:11 HDD Duplicator subsystem (HDU11SAS), two (2) 2.5" Disk Array 6SA (AE6RT25S),

Bundled accessories: twelve (12) units of 2.5" M2 flash drive adapters (AD25M2SSD-E), power cord, user guide

SPECIFICIATIONS

- Writing mode: Sector to Sector
- Typical copying speed:

Copying Speed		
1 target	3 targets	4 targets or more
~ 105 MB/sec	~ 70 MB/sec	~ 50 MB/sec

- Sturdy metal frame construction
- Drives are added or removed just like VHS cassette without tools via removable drive tray
- LCD display with functional control panel
- Well ventilated for efficient air flow.
- Low noise high CFM ball bearing cooling fan
- Integrated 150W 110/240 power supply
- Dimensions (W x D x H): ~ 7.48 x 10.63 x 6.5 inch (190 x 270 x 165 mm)
- Weight (main unit only): ~ 9.79 lb (4.44 Kg)
- Operating temperature and humidity: 0 - 50 degree C, 15% - 90% RH
- Storage temperature and humidity: (-20) - (65) degree C, 0% - 95% RH non-condensing

Specification subject to change without notice