MTS-SAS Series:
SAS /SATA Hard Disk and SSD Eraser and Duplicator

MTS-SAS series is a professional SAS/SATA HDD eraser, specially designed for high volume erase. U-Reach adopted a unique multitasking technology that can asynchronously erase up to 15 targets with a high transfer speed of 18 GB per minute. We guarantee the highest productivity without speed degradation, even as the number of targets increase.

Features

Operation Type
Stand-alone, FPGA-based operation (Non PC-based system design).

Bandwidth Performance
Speed transfers of up to 18.0GB/min. (300MB/sec.) Dedicated bandwidth enables high-volume erase or replications without speed degradation.

Modular Socket Design
Modular-designed ports effectively reduce downtime and is cost-effective for long-term ownership.

Asynchronous Erase Button
A fast key functions when any erase process is utilized and increases erase efficiency.

Controller Design
Embedded controller is designed to support capacities over 18TB+. Constant improvement supports latest market-available devices.

Open-Platform Design
The flexible platform-based design allows acceptance of external HDD enclosures.

Real-Time PC Monitoring
View live status for: writing/reading speed, total capacity, current function progress per port.

Event Log Management
- Records: operating durations, individual port copy progressions, connected device models, capacities, serial numbers, and PASS or FAIL results.
- Device writing/reading speeds are recorded.
- Log report files are generated through Port #1 or through the U-Reach PC Link Software Utility.

Product Models

Photos	Models	Target Ports	Product Dimensions	Package Dimensions	Package Weight
	MTS400-SAS	1:3	39.3 x 22 x 21 cm	51 x 32.7 x 31.2 cm	7 Kg
	MTS800-SAS	1:7	39.3 x40 x 21 cm	53 x 52 x 39 cm	13.5 Kg
	MTS1600-SAS	1:15	60.5 x 38 x 44.2 cm	74 x 51 x 45 cm	23 Kg

Standard Package
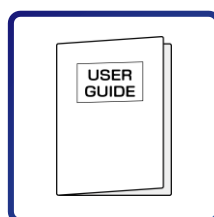

Duplicator x 1

Power Cord x 1

Grounding Cable x 1

USB Cable
for PC Link x 1

PC Link Software
Disc x 1

User Manual x 1
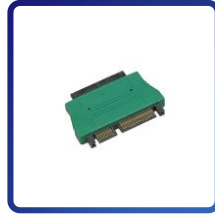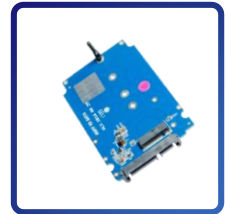
Optional Accessories

TB1534

SAS Cable

TB1529

IDE Adapter

P1040

microSATA Adapter

P1051

M.2 (NGFF) Adapter

P1053

CFast Adapter

P1041

mSATA Adapter

TB1602

SATA DOM Adapter*

*There are 3 types of power supply for SATA DOM cards. Please double check before purchase.

Specifications

Bandwidth Performance		18.0GB/min *Actual performance is dependent on device transfer speeds*
Supported Capacity		Over 18TB+.
Operation Mode		Standalone, FPGA-based Operation
Language		English, Japanese
Erase		• 7 Erase Modes. • Asynchronous and Synchronous Erase. • Support Erase HPA.
Copy	Supported Formats	• Quick Copy (System and Files): FAT16/32/64, Windows (NTFS), Linux(Ext2/Ext3/Ext4), and Mac(HFS/HFS+/HFSX) • Whole Device Copy: All formats, including proprietary formats. • GPT, MBR, and Advanced Formats.
	Supported OS	All (Windows, Mac, Linux, and other proprietary systems)

Functions

Sanitization Modes	Quick Erase, Full Erase (NIST 800-88), DoD Erase (DoD 5220.22-M), 7-Pass Erase (DoD 5220.22-M(ECE)), Secure Erase (NIST 800-88) , Enhanced Secure Erase, NSA Erase.
Copy Modes	Quick Copy (System and Files) / All Partitions / Whole Device / Percentage Copy
Compare (Verification)	Bit-by-bit data comparison from the source device to target device(s).
Skip Bad Sectors	Skip the number of bad sectors during Erase/Copy/Compare.
Minimum Speed	Disable or set minimum threshold speed to drop the slowest device.
Clear HPA at Erase	Keep or clear HPA settings during sanitization process.
HPA Copy Modes	Allows user to choose various HPA replication methods.
Log Manager	Manage and export log reports.
Others	Copy/Skip Unknow Format, Erase Source Port, Transfer Modes, Device Power-up/down Time.

Compatibilities

Compatible Device	1.8"/2.5"/3.5" SATA HDD and SSDs.
Devices Require Optional Cables or Adapters	IDE, mSATA, microSATA, eSATA, M.2(NGFF), CFast, SATA DOM
Compatible Protocol	SAS, SATA

Hardware Specifications

LCD Display	2x20 Backlit Monochrome LCD Display	
LEDs	3 LED Indicators per Port: Yellow (Power), Green (Pass), Red (Fail)	
Control Panel	4 Push Buttons (▲, ▼, OK, ESC), 1 Fast Key for Asynchronous Erase	
Power Requirements	Universal Power: 115V AC or 230V AC, 50/60Hz	
Temperature	Working: 0°C ~ 60°C	Storage: -20°C ~ 85°C
Humidity	Working: 20% ~ 80%	Storage: 5% ~ 95%
Certifications	FCC, CE, RoHS, and Reach	

**Specifications subject to change without notice.