


# MTC-F Series IDE/SATA Daisy-Chain Duplicator



## Product Features

Features	Descriptions
<b>Operation Type</b>	<ul style="list-style-type: none"> <li>• Stand-alone, FPGA-based operation (Non-PC based system design).</li> </ul>
<b>Controller Design</b>	<ul style="list-style-type: none"> <li>• Embedded controller is designed to support capacities over 18TB+. • Constant improvement supports latest market-available devices.</li> </ul>
<b>Patented Daisy-Chain Design</b>	<ul style="list-style-type: none"> <li>• A scalable and modular system enables expansive ownership flexibility.</li> </ul>
<b>Bandwidth Performance</b>	<ul style="list-style-type: none"> <li>• Speed transfers of up to 15.0GB/min. (250MB/sec.)</li> <li>• Dedicated bandwidth enables high-volume replications without speed degradation.</li> </ul>
<b>Read-Only Source Port</b>	<ul style="list-style-type: none"> <li>• Prevents data from being written to the source drive.</li> </ul>
<b>Modular Cabling Design</b>	<ul style="list-style-type: none"> <li>• Modular-designed ports effectively reduce downtime and are cost effective for long-term ownership.</li> </ul>
<b>Event Log Management</b>	<ul style="list-style-type: none"> <li>• Records: operating durations, individual port copy progressions, connected device models, capacities, serial numbers, and PASS or FAIL results.</li> <li>• Device writing/reading speeds are recorded.</li> <li>• Log report files are generated through the front USB port and are saved to USB devices.</li> </ul>

## Product Models

Photo	Model	Target Ports
	MTC1500F	1:15

## Product Functions

Functions	Descriptions
<b>4 Copy Modes</b>	<ul style="list-style-type: none"> <li>• <b>Quick Copy (Data &amp; System):</b> Supports Windows, Mac, and Linux.</li> <li>• <b>All Partitions:</b> Users can skip HPA or unknown partitions.</li> <li>• <b>Whole Device:</b> Copies bit-by-bit from the master device.</li> <li>• <b>Percentage Copy:</b> Users can set percentages of capacity to be copied.</li> </ul>
<b>Compare (Verification)</b>	<ul style="list-style-type: none"> <li>• Bit-by-bit data comparison from the source device to target device(s).</li> </ul>
<b>7 Sanitization Modes</b>	<ul style="list-style-type: none"> <li>• Quick Erase</li> <li>• Full Erase (NIST 800-88)</li> <li>• DoD3 Pass (DoD 5220.22-M)</li> <li>• DoD3 Pass+Compare (DoD 5220.22-M)</li> <li>• DoD7 Pass [DoD 5220.22-M(ECE)]</li> <li>• Secure Erase (NIST 800-88)</li> <li>• Enhanced Secure Erase</li> </ul>
<b>Bad Sector Scan</b>	<ul style="list-style-type: none"> <li>• Scans device for any bad sectors by reading and writing.</li> </ul>
<b>Thorough Sector Scan</b>	<ul style="list-style-type: none"> <li>• Scans device for any bad sectors by reading and writing two times.</li> </ul>
<b>Skip Bad Sectors</b>	<ul style="list-style-type: none"> <li>• Choose the number of bad sectors to skip.</li> </ul>
<b>Minimum Speed</b>	<ul style="list-style-type: none"> <li>• Disable or set minimum threshold speed to drop the slowest device.</li> </ul>
<b>Check Source Minimum Speed</b>	<ul style="list-style-type: none"> <li>• Allows user to enable or disable the source speed check.</li> </ul>
<b>Unknown Format</b>	<ul style="list-style-type: none"> <li>• Choose to copy or skip unknown formats.</li> </ul>
<b>Device Power-up</b>	<ul style="list-style-type: none"> <li>• Choose time to wait for the device to power up prior to copy, erase, etc.</li> </ul>
<b>Device Power-down</b>	<ul style="list-style-type: none"> <li>• Choose time to wait for the device to power down prior to disconnection.</li> </ul>
<b>Scroll Lock</b>	<ul style="list-style-type: none"> <li>• Disable or enable ▲ and ▼ buttons on the control panel.</li> </ul>
<b>HPA Copy Modes</b>	<ul style="list-style-type: none"> <li>• Allows user to choose various HPA replication methods.</li> </ul>
<b>Language</b>	<ul style="list-style-type: none"> <li>• English or Japanese.</li> </ul>
<b>Transfer Modes</b>	<ul style="list-style-type: none"> <li>• Allows user to select the transfer rate.</li> </ul>
<b>Log Manager</b>	<ul style="list-style-type: none"> <li>• Manage and export log reports.</li> </ul>
<b>Erase Source Port</b>	<ul style="list-style-type: none"> <li>• Enable or disable source port for erasure.</li> </ul>

## Product Compatibilities

Compatibilities	Descriptions
<b>Compatible Devices (Requires Optional Adapters)</b>	<ul style="list-style-type: none"> <li>• 1.8" ZIF HDD/SSD, M.2 SSD, 2.5"/3.5" IDE, iVDR, mSATA SSD, MicroSATA, M.2 (NGFF), Cfast, eSATA, and Panasonic CF-29 through CF-74.</li> </ul>
<b>Supported Formats</b>	<ul style="list-style-type: none"> <li>• Quick Copy Function: FAT16/32/64, Windows (NTFS), Linux (Ext2/Ext3/Ext4), and Mac (HFS, HFS+, HFSX).</li> <li>• Whole Device Copy Function: All Formats, including proprietary formats.</li> <li>• GPT, MBR, and Advanced Formats.</li> </ul>
<b>Supported O/S</b>	<ul style="list-style-type: none"> <li>• All (Windows, Mac, Linux, and other proprietary systems).</li> </ul>

## Product Specifications

Specifications	Descriptions
<b>LCD Display</b>	<ul style="list-style-type: none"> <li>• Backlit Monochrome LCD Display</li> </ul>
<b>LEDs</b>	<ul style="list-style-type: none"> <li>• 3 LED Indicators per Port:</li> <li>• Yellow (Power), Green (Pass), and Red (Fail)</li> </ul>
<b>Daisy-Chain Connector</b>	<ul style="list-style-type: none"> <li>• Mini-SAS (SFF-8088)</li> </ul>
<b>Control Panel</b>	<ul style="list-style-type: none"> <li>• 4 Push Buttons (▲, ▼, OK, ESC)</li> </ul>
<b>Power Requirements</b>	<ul style="list-style-type: none"> <li>• <u>Universal Power</u>: 115VAC or 230VAC, 50/60Hz</li> </ul>
<b>Operational Temperature</b>	<ul style="list-style-type: none"> <li>• 0°C ~ 60°C (32°F ~ 140°F)</li> </ul>
<b>Non-operational Temperature</b>	<ul style="list-style-type: none"> <li>• -20°C ~85°C (-4°F ~ 185°F)</li> </ul>
<b>Humidity</b>	<ul style="list-style-type: none"> <li>• <u>Operating</u>: 20% ~ 95%, non-condensing</li> <li>• <u>Non-operating</u>: 5% to 95%, non-condensing</li> </ul>
<b>Packaging Dimensions (L×W×H)</b>	<ul style="list-style-type: none"> <li>• <u>MTC1500FAR2</u> – 611 mm x 357 mm x 220 mm (24 in x 14 in x 8.5 in)</li> </ul>
<b>Product Weight</b>	<ul style="list-style-type: none"> <li>• <u>MTC1500FAR2</u> – 9.3 kg (20.6 lbs.)</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• FCC, CE, RoHS, and REACH</li> </ul>
<b>MIL-STD-810H</b>	<ul style="list-style-type: none"> <li>• 500.6 / 501.7 / 502.7 / 507.6 / 514.8 / 516.8 (altitude, high temp, low temp, humidity, vibration, shock)</li> </ul>

## More Information

For additional details on the U-Reach® MTC-F Series, please visit: <https://ureach-usa.com/Products/SATA-Duplicators-Sanitizers/MTC-Series/MTC-F-Series-HDD-SSD-Daisy-Chain-High-Speed-Duplicator-and-Sanitizer-1-15/>

Specifications are subject to change without notice.