Q-SYS™

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M2-MD Installation Guide

⚠ **WARNING!:** Q-SYS Core 510 series products manufactured with Q-SYS Designer firmware version 7.0.0 or later require re-installing a Product Key License and any purchased Feature Licenses after installing an M2-MD Media Drive. Read the *Check Core License Status* section before proceeding with the installation.

⚠ **WARNING!:** The instructions in this document are to be performed only by the product distributor's trained and qualified technician. These instructions are not provided for the end-user of the equipment.

⚠ **IMPORTANT!:** This document provides the procedure to install the M2-MD **Media Drive into a Core 510i advanced DSP appliance.** The M2-MD **is an M.2 solid state drive specifically formatted, partitioned, and pre-configured for use in a Q-SYS Core 510i.**

⚠ **CAUTION!:** Solid state drives are delicate electronic assemblies and are highly susceptible to ESD (Electrostatic Discharge). Make sure that proper grounding and handling procedures are followed.

Check Core License Status

To determine whether a Product Key License and any purchased Feature Licenses will need to be re-installed on the Q-SYS Core 510 after installation of the M2-MD:

1. Connect a laptop or PC to a LAN port on the Q-SYS Core 510.

2. Launch a web browser and navigate to the IP address of the Q-SYS Core 510.

3. See if the following notification appears:

> *"This Q-SYS Core was manufactured prior to the introduction of Q-SYS feature licensing and already includes licenses for UCI Deployment and the Q-SYS Scripting Engine. Additional licensed features such as a Multi-Track Player expansion or any new feature may require the purchase of software licenses."*

   ◦ If you see the above notification, you do not need to re-install a Product Key License or any Multi-Track Player (MTP) Licenses. Q-SYS Core 510 products manufactured prior to February 26th, 2018 that were subsequently updated to Q-Sys Designer firmware version 7.0.0 or later are not affected. Proceed with the M2-MD Kit installation.

   ◦ If you do not see the above notification, do NOT proceed with the M2-MD Kit installation. **You must contact Q-SYS Customer Support before uninstalling the factory-installed drive.** Q-SYS Customer Support will provide the necessary licenses along with the instructions for re-installing them. Contact information for Q-SYS Customer Support is on the final page of this document.

Back Up Your Files!

Be sure to back up all media and design files before installing the M2-MD into your Core 510i. Visit www.qsc.com or contact your AET representative if you need additional information regarding file backup procedures.

Required Tools

- Anti-static wrist strap - properly grounded
- Anti-static work mat
- Phillips #1 screwdriver

Safety Procedure

1. Make sure that the AC Mains power cord is unplugged from the AC receptacle on the rear panel of the Core 510i.
2. Connect, and put on, the ESD grounded wrist strap.
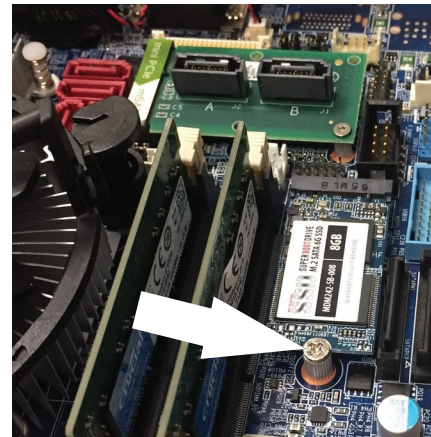
Installation Procedure

⚠️ NOTE: The SATA and USB cables have been removed from all Figures for clarity. You do not have to remove any cables to complete this procedure.
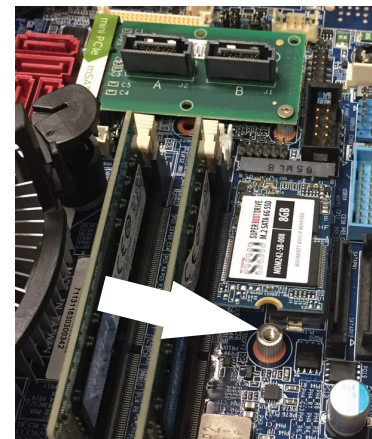
1. Use the #1 Phillips screwdriver to remove the 10 screws securing the top cover to the Core 510i chassis. Set aside for later use.
2. Remove the cover.
3. Locate the existing default 8GB M2-MD in the M.2 mounting socket on the blue Core 510i motherboard. Refer to Figure 1.
4. Use the #1 Phillips screwdriver to remove the single mounting screw. Pull the default 8GB M2-MD SSD straight out of the socket. Refer to Figure 2. Discard the default 8GB M2-MD SSD in an appropriate e-waste receptacle or save it for recovery purposes.
5. Carefully remove the new high capacity M2-MD from its packaging.
6. Insert the new high capacity M2-MD electrical contacts into the receptacle. The contacts are keyed so they cannot be installed incorrectly. Refer to Figure 3.
7. Secure the new high capacity M2-MD into its mounting socket with the screw removed in step 4, using the #1 Phillips screwdriver.
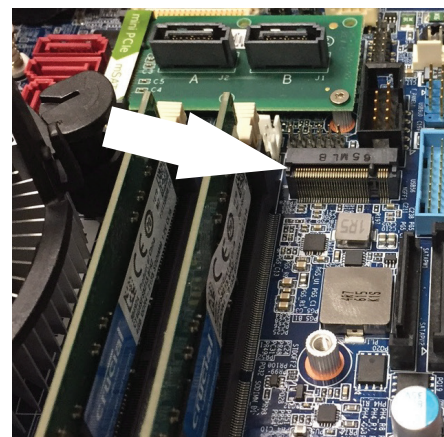
Warranty

Q-Sys M2-MD accessories include a 90-day limited warranty. Please visit the QSC, LLC website for additional details and a copy of the warranty statement for QSC accessories. www.qsc.com.

— Figure 1 —

— Figure 2 —

— Figure 3 —

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*Q-SYS 24/7 Support is for Emergency assistance with Q-SYS systems only. 24/7 support guarantees a call back within 30 min after a message is left. Please include, Name, Company, Call Back Number and description of the Q-SYS emergency for prompt call back. If calling during business hours please use the standard support numbers above.

Q-SYS Support Email

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(Immediate email response times not guaranteed)

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