



MHC Software  
Release Notes  
Version 2.5.2

MHC	Version 2.5.2 [Build Id 2.5.2.0]
Releases Date	24/07/2019

**Revision History**

Date	Version	Description
08/05/2019	1.0	Release note for MHC v2.5.0
24/07/2019	2.0	Release note for MHC v2.5.2.0

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## Release Notes

### 1. Introduction

Multi-Head Controller, or MHC, is a software by Mark Roberts Motion Control used to control the MRMC camera heads via Ethernet, designed for professional studio and external broadcast environments with simplicity in mind. MHC provides smooth, precise and real-time control over a multitude of MRMC robotic heads at the touch of a button and connectivity to external controllers, such as a USB Joysticks, Broadcast panels, Xbox controllers and Ethernet based Pan-Bar controllers from a single workstation.

#### 1.1. Purpose

The purpose of Release Notes is to communicate the major new features and changes in new MHC Release v2.5.2 (Version number 2.5.2.0). It also documents known issues and work arounds.

### 2. Software Location

New version of MHC Release version 2.5.2 can be found in

<https://www.mrmoco.com/resources/downloads/>

### 3. Compatibility

#### 3.1 Firmware

<b>Recommended Firmware Versions</b>	<b>MRMC POD:</b> Hex_HC_POD_v3.45.btl or above <b>MRMC POD ROUTER:</b> v2.41 or above <b>MRMC HEX:</b> Hex_HC_v2.70.btl or above <b>MRMC ULTI:</b> Ulti_HC v2.70.btl or above <b>MRMC QUAD:</b> Quad_HC_v2.52.btl or above <b>MRMC UNI:</b> v0.29 <b>MRMC Aux Board (POD v1.7):</b> Uni_usb-eth_v1.05
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#### 3.2 Products

Visit MRMC website for more details about compatible products list.

<https://www.mrmoco.com/broadcast/products/>

### 4. Installations and Upgrading

It is highly recommended that the users perform a backup procedure to the current MHC environment before an upgrade or a new installation. The software installation process will provide the users an option to either perform a new installation or an update process. New installation process will remove all previous user specific configurations.

Backup procedure for MHC Upgrade.

1. Make a **copy** of the MHC folder in C:\Program Files (x86)\MHC and name it accordingly
2. Select the upgrade option during MHC v2.5.2.0 installation

Backup procedure New Installation.

1. **Rename** the current working environment located under C:\Program Files (x86)\MHC [Change MHC folder to MHC\_xy]
2. Select New Installation option during MHC v2.5.2.0 installation

## 5. Fixes

MHC v2.5.2 (Build 2.5.2.0) consists of following bug fixes;

1. Focus axis creeps while pan-bar roll is rocker type
2. Advance Colour Controls - Tint is reset to 0 after connecting via USBoIP
3. Polycam Player – Keep framing settings to the MHCTracking.xml

## 6. Known Bugs and Limitations

- MHC Client can sometimes be slow when maximum number of heads are in use
- Homing and direct zero may not work as expected with AFC-100 and analogue lenses (Direct Zero will move the lens to its 0 positions)
- Enabling USB direct to PODs D5 can cause slowness to host PC (Limited to one connection at a time)