



MHC

Software Release Notes

Version 2.3

MHC	Version 2.3
Releases Date	10/08/2018

Revision History

Date	Version	Description
10/08/2018	1.0	Release note for MHC v2.3
17/10/2018	2.0	Firmware compatibility list added

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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 (Version 2.3). It also documents known issues and work arounds.

2. Software Location

New version of MHC Release version 2.3 can be found in

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

3. Compatibility

3.1 Firmware

Recommended Firmware Versions	MRMC POD: Hex_HC_POD_v2.99.btl MRMC POD ROUTER: v2.31 MRMC HEX: Hex_HC_v2.70.btl MRMC ULTI: Ulti_HC v2.70.btl MRMC QUAD: Quad_HC_v2.52.btl MRMC WHISPER HEAD: v3.22 or above
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3.2 Products

Please visit MRMC website for more details about compatible products list.

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

4. 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.

- Make a **copy** of the MHC folder in C:\Program Files (x86)\MHC and name it accordingly
- Select the upgrade option during MHC v2.3 installation

Backup procedure for MHC v2.3 New Installation.

- **Rename** the current working environment located under C:\Program Files (x86)\MHC [Change MHC folder to MHC_vxx.xx]
- Select New Installation option during MHC v2.3 installation

5. New Features

The following new features appear in this release:

- New **User Interface (UI)** for ethernet based Pan bar devices.
- Improvements for VISCA Camera Control via live view.



6. Known Bugs and Limitations

- "Home All Button" not greyed out for heads with absolute decoders - No major user impact.
- Focus controller can sometime fail to work with Xbox Controller – Use MHC focus slider.
- Remote direct features are enabled without a remote direct connection – Enable Remote Direct in MHC to use USB controlled camera functions.