

MC-12 HD Digital Controller

Release Notes

The purpose of this document is to communicate any points that are not fully discussed or to correct and update text within the MC-12 HD User Guide, Part No. 070-17555, Rev 0.

Manual revisions pertinent to the V1.21 Software upgrade:

The V1.21 software upgrade provides the following support for the MC-12HD Digital Controller:

- Compatibility with Pioneer Kuro Plasma and Sony KDS monitors.
- Resolves the video artifacts issue (occurrence of a blue line to the left side of the picture) with Toshiba HD-DVD players.
- Resolves the loss of center channel condition that can occur while using the Logic 7 multi-channel surround modes.

Manual revisions pertinent to the V1.20 Software upgrade:

With the V1.20 software upgrade, the MC-12 HD supports 1080p 60 Hz, 1080p 50 Hz, and 1080p 24 Hz video resolutions over HDMI. The following changes pertain to the MC-12 HD user manual in support of this change:

Page 1-2: About the MC-12 HD summary

The MC-12 HD can pass digital video signals of up to 1080p, and multiple digital audio channels (5.1 channels) at sample rates of up to 96 kHz through the HDMI interface.

Page 2-23: HDMI Status menu and page 2-29: HDMI Status menu description

The VID FMT (Video Format) parameter can display 480i, 480p, 720p, 1080i, and 1080p as possible video resolution settings, as reflected by the actual setup of the MC-12 HD Processor.

Page A-2: HDMI Performance Specifications

The Video Resolutions parameter can display 480i, 480p, 720p, 1080i, and 1080p as possible video resolution settings. Note that the available resolution levels are dependent upon the capabilities of the HDMI display connected to the MC-12 HD HDMI output connector.

Manual revision pertinent to the V1.10 Software upgrade:

Page 3-22: Format Detection Parameter description

The format detection parameter does not apply to the Dolby PLIIx family of listening modes.

The Format Detect parameter is independently adjustable for each input. It was implemented to correct anomalies in certain mixed audio format and satellite broadcast signals. Within the V1.10 software upgrade, if you require the FAST FORMAT DETECT setting for one of your inputs, you should avoid using PLIIx listening modes with that input.



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General Manual Corrections (not dependent upon a software upgrade)

Customer Service and Product Shipment Information

Contact and address information have changed. Refer to www.lexicon.com for the correct information.

Page 2-8: Rear Panel graphic and page 2-10: Digital Audio Input Connectors (Section #19) description

The Rear Panel graphic, in section #19: Digital Audio Input Connectors, is incorrect, as is the accompanying description on page 2-10. The available connectors include six S/PDIF coaxial (RCA) and six S/PDIF optical TosLink connectors. There is no optical mini jack connector available.

Page 3-19: Main Advanced menu descriptions

The Main Advanced menu description on HDMI OSD was omitted from the manual. The description is:

HDMI OSD

Controls the appearance of the on-screen display when the display device is connected to the HDMI output connector. When ON, the display device shows the on-screen display as a video signal overlaid on the incoming HDMI video. If the SETUP>DISPLAYS>ON-SCREEN DISPLAY>BACKGROUND parameter is set to ON, or the INPUT SETUP menu HDMI IN parameter is set to NONE, the OSD will display on a full blue screen background. If the current input also has an active incoming S-video or composite video signal, the OSD on both the HDMI and S-video/composite Main Zone outputs display as white characters on the screen. Otherwise the HDMI OSD displays in full color. Available settings are HDMI-1 to HDMI-6 & NONE.

Corrected text to explain video connections

Pages 2-7 and 3-13 contain explanations of video output connector availability that differ (the explanation on page 3-13 is incorrect). The correct explanation follows:

- Composite video output connectors are available when a composite or S-video source is present.
- S-video output connectors are available when an S-video source is present.
- Component video output connectors are available when a component, composite or S-video source is present.

On-Screen Display color limitations

Depending on the analog video configuration of your system, when MAIN MENU > SETUP > DISPLAYS > ON-SCREEN DISPLAY > BACKGROUND is set to OFF, you may see a black-and-white on-screen display (OSD) instead of a color OSD when HDMI video is selected.

This behavior is a limitation that occurs only when an active composite or S-video source is assigned as an input in addition to an HDMI input, and you are using the HDMI OUT connector to view the video source.

To overcome this limitation, on the input(s) you have set up to pass HDMI video, set VIDEO IN to NONE.

Incorrect column headings

On pages 2-18 and 2-19, the **Zone 1** column headings should read **Zone 2**.



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