Mira Express Replay System • Software Release Notes

Welcome to the Mira Express V8.3.1 Software Release Notes. Please read this document to find important information on areas of Mira Express that may not be covered in the Getting Started Guide or the User Help system.

CONTENTS

VERSION HISTORY

VERSION 8.3.1 – AUGUST 2022

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

1. **Mira Replay app: PL-EDIT Mode CUT operation that deletes all Playlist items causes Mira Replay & Mira Explorer app crash**

   Fixed Bug: When a CUT operation is performed on a Playlist during PL-EDIT mode, and <u>all</u> items in the Playlist are deleted, the Mira Replay and Mira Explorer apps both close / crash.

2. **Mira Replay app: PL-EDIT Mode CUT operation on 1st Playlist item causes last Playlist item to be replaced with duplicate of penultimate Playlist item**

   Fixed Bug: When a CUT operation is performed on the 1st item in a Playlist during PL-EDIT mode, the last item in the Playlist is replaced with a duplicate of the penultimate playlist item.

3. **Mira Replay app: PL-EDIT Mode "SHIFT+SK-9" (PASTE ▲) operation broken**

   Fixed Bug: The **PASTE ▲** function did not function at all.

4. **Mira Replay app: Applying a Replay Event Template to a New Replay Event will not apply stored "Playlists with Server Clips"**

   Fixed Bug: Applying a Replay Event Template with stored Playlists containing Server Clips would not apply the Playlists to the New Replay Event.

5. **Mira Replay App: Broken Playlist AUX Audio**

   Fixed Bug: When a Playlist is aired with AUX audio enabled, the main audio from SDI Output would be a mix of AUX Audio and the Audio from the video portion of the Playlist (when it should be only AUX Audio). Also, when monitored from Mira Control Surface headphone output, only the Audio from the video portion of the Playlist is heard (when it should be only AUX Audio).

6. **Mira Replay App: Distorted Headphone Audio from Mira Control Surface panel**

   Fixed Bug: Intermittent issue caused severe distortion in Headphone audio from Mira Control Surface panel.

7. **Mira Replay App: During 2-PGM Playlist AIR (PVW>PGM), Headphone Audio from Mira Control Surface panel is not heard on *every other* Playlist Item**

   Fixed Bug: Headphone audio from Mira Control Surface panel was present only on every other Playlist item.

8. **Mira Explorer app: Unable to re-arrange items in Playlist while Playlist Editor is active**

   Fixed Bug: Applies to the Playlist Editor in the Mira Explorer application only; items could not be rearranged with drag-and-drop operation.

VERSION 8.3.0 – JUNE 2022

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

1. **System: Windows Security Patch**
   Added work-around security patch for Microsoft Windows CVE-2022-30190.

2. **Mira Explorer app: Search now 'Auto-Expands' Folder(s) with matching clips/playlists/sub-folders**

   When searching for text in Mira Explorer, the Clip Library now automatically expands any folder containing matching clips, playlists, and sub-folders.

3. **Mira Explorer app: New Timecode Chase Feature**

   Added new timecode chase functionality, where a "Chase List" of clips can be created (similar to a Playlist), with each item/clip is assigned a timecode at which the clip is loaded into a video channel and played. This timecode chase list follows the incoming timecode signal fed from an external "master" device and into the "LINE IN" 3.5mm audio jack on the motherboard audio I/O at the rear of the Mira Express chassis.

4. **Mira Explorer app: New "Viewer" Feature**

   A new button is added near the top of the Mira Explorer app that activates a MultiViewer to display all video channels of Mira Express on the computer display. This Viewer can also be "Undocked" (via the "View" menu) with the undocked Viewer window placed onto a secondary computer display.

5. **Mira Explorer & Mira Replay apps: New "Clip Networking" Feature**

   Enables two or more Mira Express video servers to be interconnected via 1G Ethernet, with .clip files played across the network from one Mira Express server and into another Mira Express server. This feature applies to both the Mira Explorer app and the Mira Replay app.

   To enable this feature: In Mira Config app on the Video tab, enable the "Net Video" checkbox on all Mira Express servers interconnected via 1G Ethernet network.

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6. **Mira Explorer apps: New "Transport Controls" Feature**

   Adds a new menu item in Mira Explorer "Transport Controls" that provides a series of QWERTY keyboard short-cuts to the Mira Explorer app. These shortcuts can also be used by external third-party control panels via any USB port on Mira Express (suchs as P.I. Enterprise "X-Keys" control panels).

7. **Mira Import app: New "Watch Folders" Feature**

   Adds the Watch Folder functionality to the Mira Import app running on Mira Express.

8. **Mira Replay app: Short-Cut to change Play List # from Play List Library**

   In the Mira Replay app, while `PL` `EDIT` mode is active in **PGM Player**, press and hold down the `PLAY LIST` button, then tap the `▲` / `▼` buttons on Mira Control Surface to change to a new Play List # from the Play List Library.

9. **Mira Replay app: Replay Event Name now displayed in Window Title Bar**

   The Replay Event Name is now displayed in the Mira Replay app window within the Title Bar at the very top of the window.

10. **Mira Replay app: Tagged Team Name displayed on Tag Softkey label**

    Within the Mira Replay app, when a "team name" is assigned to the Tag function, that "team name" is now displayed on the Tag Softeky label on SK-8 and SK-9.

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

9. **System: Functional hang-up after deleting .clip files via Mira Explorer app and via remote control interfaces.**

   In rare cases under very particular conditions, deleting a .clip file via the Mira Explorer app or from remote control interfaces would then cause the controlling app to "functionally hang"; the only remedy was to quit and re-start the controlling app. This bug is now fixed.

10. **Mira Explorer / Mira Replay apps: Export of .clip Files stored on Drive Volumes other than "H:\Video"**

    Fixed issue where the Mira Explorer and Mira Replay applications would not export content from ".clip" files stored on drive volumes other than "H:\".

    For Mira Express, that means Mira Replay app would not export content from ".clip" files stored on the "K:\" or "M:\" drive volumes (a.k.a. "CLIPS SSD").

11. **Mira Explorer app: Playlists containing "missing items" now skips those items**

    When a Playlist contains "missing items" (items in which the underlying clip files were either re-named, deleted, or moved to another folder), the Playlist playout would halt on the missing item(s). This bug is now fixed.

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12. **Mira Import app: Failure to 'close' MXF media file after import during "native" codec import**

    This bug would leave the source MXF media files "open" from the file system point of view, preventing other applications from moving, deleting, re-naming, or otherwise altering the source media files after they were imported. This bug is now fixed.

13. **Mira Replay app: Entry Field text when navigating to/from Play List Library**

    Any text in the Entry Field within the Mira Replay app window is now cleared when using the softkeys to navigate to or from the Play List Library.

VERSION 8.2.4 – 8.2.1 (VERSION NUMBERS SKIPPED)

These version numbers were skipped.

VERSION 8.2.0 – FEBRUARY 2022

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

1. **System: Timecode Chase Input**
   Changed Timecode Chase feature to use 'stereo audio input' on computer motherboard instead of 'mono audio input' to allow Timecode Chase to work on legacy motherboards.

2. **Mira Replay app: New Tags Feature**
   Added new functionality to Mira Replay app to allow metadata tags to be applied and saved with Clip Register clipped content, and exported as a 'sidecar' XML file when clip content is exported from a Clip Register.

3. **System: New "As Run Log" Report Generator app**
   Added this new feature to filter, display, and generate a PDF or CSV file of media clips that have been played in any video channel for up to the previous 90 days.

4. **System: RossTalk RECEIVE Commands**
   Added new feature to support RossTalk protocol "receive" commands via Ethernet to control video channels in the Mira replay system.

5. **System: Updated MXF Media File Libraries to latest version**
   These updated MXF libraries improves handling of MXF media files during Import and Export operations when the MXF contains native video codec essence.

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

1. **Mira Replay App: Rare Crash**
   Fixed an issue where the Mira Replay application would sometimes crash on very rare occasions.

2. **System: Missing Video Panes in DashBoard**
Fixed an issue where the video panes would not appear in a DashBoard panel running on the Mira replay server itself.

3. **Mira Explorer app: "Create Child Clip" from non-existant angles in a multi-angle .clip file**
Angles that were not present in the .clip file would be offered for creating a Child clip. These angles are now dimmed and unselectable in the pop-up menu that appears when you right-click on this .clip file and select > "Create child clip from angle".

4. **System: Erroneous Error Messages about assigning RS422 to a Video Channel**
Fixed an issue in which erroneous error messages would appear asking the User to assign an RS422 port to a video channel.

5. **Mira Import app: Media Files Imported with "Frame of Black" at Start or End of .clip file**
Fixed an issue with the Media File Import app (using FFmpeg libraries) when importing certain content that caused a frame of Black to be included at either the start or end of the imported .clip file.

6. **Mira Import app: Media Files Imported with "Audio Glitches" in .clip file**
Fixed an issue that caused "audio glitches" when importing media files containing audio with a 44.1kHz sample rate.

7. **Mira Import app: Media Files Imported with Incorrect Aspect Ratio**
Fixed an issue with the Media File Import app (using FFmpeg libraries) when importing media files with an aspect ratio different from the currently active video standard. The File Import app now anchors video into upper-left corner, instead of resizing it.

8. **System: AMP Protocol – Root folder now called "Default" in command replies**
Some external third-party applications require this exact name for the 'root folder' (a.k.a. "H:\Video" folder) in order to function properly.

9. **System: AMP Protocol – Received Command "No Reply"**
Fixed an issue where received AMP protocol commands sometimes resulted in 'no reply' to the external controlling device.

10. **System: AMP Protocol – Record Cue Command when used with 'long' clip name**
Fixed an issue where the AMP protocol RECORD_CUE command would fail when a 'long' clip name was specified with the command.

11. **System: Timecode Output Error**
(Mira Express only)
Corrected an issue with error in the embedded ATC and LTC timecode output on the two PGM Players in Mira Express.

VERSION 7.1.18 – JULY 2021

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUG FIXES • (MIRA EXPRESS REPLAY SYSTEM)

No Bug Fixes.

VERSION 7.1.17 – JULY 2021

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUG FIXES • (MIRA EXPRESS REPLAY SYSTEM)

No Bug Fixes.

VERSION 7.1.16 – JUNE 2021

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUG FIXES • (MIRA EXPRESS REPLAY SYSTEM)

No Bug Fixes.

VERSION 7.1.15 – MAY 2021

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUG FIXES • (MIRA EXPRESS REPLAY SYSTEM)

No Bug Fixes.

VERSION 7.1.14 – APRIL 2021

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUG FIXES • (MIRA EXPRESS REPLAY SYSTEM)

1. **Quad Viewer SDI OUT Display**
Fixed an issue where data overlaid onto the Quad Viewer SDI Output (i.e. Clip Name and Timecode) would not appear.

   This bug was introduced in V7.1.13 software.

VERSION 7.1.13 – NOVEMBER 2020

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

1. **Piero Broadcast Integration with Mira Replay systems**
Added integration of Ross PIERO sports graphics analysis system (Broadcast edition) with all Mira replay systems.

2. **Default Softkey Label Toggle in Mira Replay App**
Changed default softkey menu for Mira Control Surface when entering Playlist Edit mode—so camera angles are now presented first.

   o Double-tap **SHIFT** button (on either Mira Control Surface or QWERTY Keyboard) to switch to Playlist editing softkeys. Tap again to return to Camera-select softkeys.

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

No Bug Fixes.

VERSION 7.1.12 – SEPTEMBER 2020

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUGS FIXED – MIRA FILE IMPORT APP

1. **Media File Import App Compatibility Fixes**
Improved compatibility of certain media files codecs and wrappers during media file import transcoding while using the FFmpeg codec libraries.

VERSION 7.1.11 – AUGUST 2020

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

1. **Unresponsive Mira Control Surface panel**
   Corrected an issue which could cause Mira Control Surface control panel to become unresponsive after 2 to 3 hours (*or more*) of continuous operation.

2. **Mira Control Surface Jog control Playback Error**
   Corrected very rare JOG playback issue: When Rotary Dial stops spinning, the PGM playout channel sometimes would not stop playing.

VERSION 7.1.10 – MARCH 2020

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

1. **New Motherboard Support**
The motherboard for the 2RU chassis video server/replay systems (Mira Express) migrated to a new model. This software version adds support for this new motherboard.

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

No Bug Fixes.

VERSION 7.1.7 THROUGH VERSION 7.1.9

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features. These release version numbers were only for **Tria News** video servers.

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

No Bug Fixes. These release version numbers were only for **Tria News** video servers.

VERSION 7.1.6 – AUGUST 2020

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

No Bug Fixes.

VERSION 7.1.5 – NOVEMBER 2019

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

No Bug Fixes.

VERSION 7.1.4 – NOVEMBER 2019

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

1. **File Import on Mira Express while operating in 720p Video Standards**
   Corrected an issue where Media file import while operating in 720p standards would not function at all.

VERSION 7.1.3 – OCTOBER 2019

NEW FEATURES • (MIRA EXPRESS REPLAY SYSTEM)

No New Features.

BUGS FIXED • (MIRA EXPRESS REPLAY SYSTEM)

No Bug Fixes.

KNOWN ISSUES

VERSION 8.3.0 – JUNE 2022

No known issues.

VERSION 8.2.4 – JUNE 2022

No known issues.

VERSION 8.2.0 – FEBRUARY 2022

No known issues.

VERSION 7.1.14 – APRIL 2021

(MIRA EXPRESS REPLAY SYSTEM)

1. Embedded timecode of a clip may not appear within the SDI video output stream. (Issue resolved in V7.1.15 software release)

GETTING HELP

- Ross Online Mira Express Help on the Web: [Mira Express Online Help](#)

- Ross Support on the Web: https://support.rossvideo.com/hc/en-us

- Our 24-hour hotline service provides access to technical expertise around the clock. After-sales service and technical support is provided directly by Ross Video personnel…

  - **During business hours (Eastern Standard Time):**

    Ross Technical Support personnel are available by telephone:

    - **Technical Support: (+1) 613-652-4886**
    - **After Hours Emergency: (+1) 613-349-0006**

  - **After hours and on weekends:**

    Emergency technical support is available. A telephone-answering device will provide the names and phone numbers of technical support and field service personnel who are on call. Ross staff are available to react to any problem and to do whatever is necessary to ensure customer satisfaction.

  - **Serious issues needing urgent attention and tracking:**

    Please ensure you are given a ticket number and refer to this number in follow-up communications.