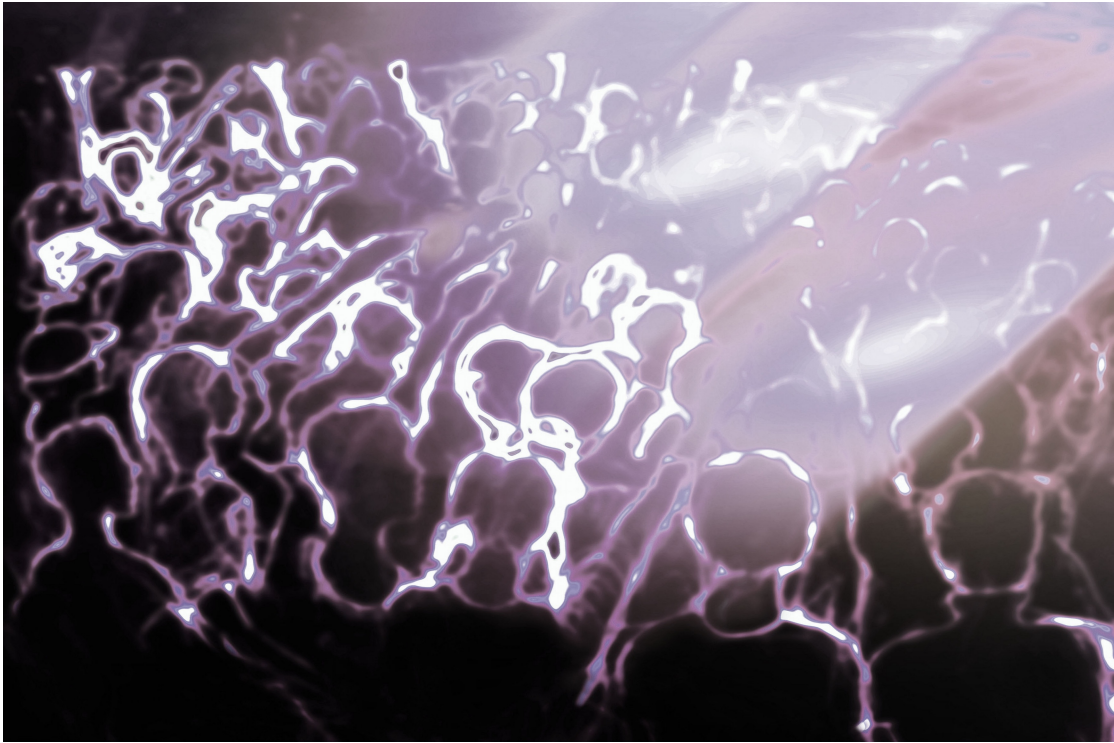




Medialon Manager Panel

Release Notes

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Medialon Manager Panel
Release Notes
Version 6.7.1 | 2020-3-23

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1 Introduction

1.1 About this document

This document provides the release notes of the different versions of the Medialon Manager Panel software and it should be used by anyone wishing to install or upgrade to a new version of Medialon Manager Panel software. These release notes are provided together with the SW via the secured [Medialon website](#).

1.2 About Medialon Manager Panel

Medialon Manager V6 is a Windows® based control software. Its legendary ease of programming and reliability has made it widely used in simple as well as critical control applications such as: Museum media control, Theme Parks and Attractions Show Control, Architectural video & Lighting control, Convention Centers audio & video remote control, etc.

Medialon Manager can control any audiovisual equipment using any protocol and network. Being software based it integrates perfectly with IT opening a wide range of new applications. Control of audio & video streaming, links to database, media management, and facility wide control are not dreams any more.

Thanks to its easy graphical programming environment, applications are programmed in much less time than with any other conventional control system, neither coding nor compilation is required.

Its native synchronization capabilities and its legendary Timeline with drag and drop programming makes it the ideal choice for Show Control applications. However, complex logical task programming is also available.

Medialon Manager is hardware independent and relies on standard hardware from IT or audiovisual industries to connect to devices. The customer has the choice between proprietary or standard hardware making maintenance and upgrade far easier.

Medialon Manager can run in hidden mode where only custom designed interfaces are visible or in user mode allowing live edition. The design of touch screen is greatly improved in Version 6. Manager convert on the fly the user designed touch pages to Web “touch” pages that can be used on iPad or Android tablets.

1.3 How to update

The easiest way to update Medialon Manager is by downloading the Windows installer from [Medialon website](#).

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2.1 Medialon Manager Panel Version 6.7.1

2.1.1 Bugs solved

2.1.1.1 Manager

- Showcontrol software should not perform a command (except specific ones like Register/Unregister/GetObject/GetObjectStatus/GetObjectList) while it is not Running.
- WaitTime variable from a StepBased is not updated if the task is not displayed.
- Scrolling lists can generate an error.
- UserScreen position is not always restored properly when Manager goes back to Stop mode.
- The 'Find' dialog box does not display properly if the text magnifying settings (DPI) is greater than 100% into Windows system.
- Graphic Objects are not always refreshed when the workspace is modified while Manager is running or when too many objects need to be refreshed at the same time.
- The Network Error -31 must log 'The connection has been aborted during the connection phase' instead of 'Undefined error'.

2.1.2 Known issues

2.1.2.1 Manager

- Tasks from imported projects won't run correctly until the project is saved / reloaded.
- Sometimes, dialog boxes stay hidden by the splash screen.
- Task tab does not repopulate when the Software switches from 'User Mode' to 'Stop' mode.
- Local Panel on Microsoft Surface takes single click in 'Debug' mode and double click in 'Run' mode.
- When importing, tasks with clashing names are not duplicated/renamed.

2.2 Medialon Manager Panel Version 6.7.0

2.2.1 New features/feature improvements

2.2.1.1 Manager

- 'Object Text Control' has been renamed 'Object Control' and allows to control new properties like Enable, Visible, Color, Text Color. 'Object Control' can be used in Timelines
- Configuration files, MXMs, MRCs and dynamic content moved to Windows' folder
- New Application device variables have been added: 'CPUUsage', 'MemoryUsage'
- New Application device variables have been added: 'HostName', 'HostIPAddresses', 'ConnectedWebpanelsIP'
- The 'Dark Flat' theme has been added and set as the default theme
- Enhanced user experience when running under High DPI settings
- Enable and Visible properties have been added to Graphical Objects.

2.2.2 Bugs solved

2.2.2.1 Manager

- Devices could be added to user groups while the group was not selected; Automatic grouping now requires the group to have the focus.
- Double click on a 'Enums' property of an Enum variable to edit its item list causes a crash.
- Focus is not on searchbox when Find dialog is opened.
- Deleting user groups dragged to a tab that contained tasks would cause a crash and the tab would not be removed.
- Projects saved with passwords longer than 15 characters would end up corrupted.
- Invoking the contextual menu on graphical objects would cause an exception when starting a new project if a project had already been loaded.
- User variable values would get overwritten with invalid content because expressions get evaluated when trying to delete any task.
- Duplicated LEDs lose the ability to specify a Bitmap per status.
- An 'OnExpression/Case' cue cannot be modified if a condition becomes invalid after an object deletion.
- Watchdog does not start when Windows's User Account Control is enabled

2.2.3 Known issues

2.2.3.1 Manager

- Tasks from imported projects won't run correctly until the project is saved / reloaded.
- Sometimes, dialog boxes stay hidden by the splash screen.
- Sometimes when loading a project, the user screen is in a different position from the one saved.
- Task tab does not repopulate when the Software switches from 'User Mode' to 'Stop' mode.
- Local Panel on Microsoft Surface takes single click in 'Debug' mode and double click in 'Run' mode.
- When importing, tasks with clashing names are not duplicated/renamed.

2.3 Medialon Manager Panel Version 6.6.1

2.3.1 Bugs solved

2.3.1.1 Manager

- Sometimes, Threads are not actually started. Because of this, a task cannot run for example...
- By deleting tasks having Expressions where deleted User Variables were used, a crash can happen.

2.4 Medialon Manager Panel Version 6.6.0

2.4.1 Bugs solved

2.4.1.1 Manager

- 'Pause Task'/'Stop Task' OpenCapXML commands work but return an invalid 'wrong state' error code (32)
- A 'Start Task' cue, created by dropping a task in another one, wont accept a longer task name.

2.5 Medialon Manager Panel Version 6.5.1

2.5.1 New features/feature improvements

2.5.1.1 Manager

- When an enum variable is set persistent, only its current state is saved into the persistence storage. Therefore any changes in the enum list is not saved/reloaded. Now, all the enum list is saved as part of the enum variable. This change is backward compatible, however, the enum list will be lost if the project is opened with a previous version of Manager/Showmaster.
- Added support for Overture OpenCap connections.

2.5.2 Bugs solved

2.5.2.1 Manager

- The day of the week which is displayed in the Lister for each Date variables is not correct. Only the displayed value is affected. A call to the DayOfWeekAsNumber() function in an Expression return the appropriate value.
- Internal changes.
- When the menu 'File->Convert' has been used, using the menu 'File->Open' afterwards, causes Manager/Showmaster Editor to crash.
- Sometimes, when using large projects, listers are not updated and tasks cannot be started from the GUI after having switched to debug mode.
- Manager Server with no user/password denies connections from MON clients which are configured to use user/password.
- Crash of Manager Server if there are a lot of concurrent connections/disconnections of MON clients
- When the creation of a variable from an User Group view is cancelled, saving the project afterwards caused a crash.
- Task Names are not fully display in task editor when the DPI settings are greater than 100%
- The period character (.) was allowed in the create device dialog. Although it was replaced by an underscore character (_), the active cursor was moved back to the first character.

2.6 Medialon Manager Panel Version 6.5.0

2.6.1 New features/feature improvements

2.6.1.1 Manager

- The projects loading time has been improved.
- 'Don't ask me again' option has been added when deleting multiple devices.
- A hour-glass cursor has been added when multiple tasks are deleted or duplicated.
- An alert has been added when an assignment is used within a start or logical expression (condition).
- Warnings/Errors concerning Variables which are displayed in the 'Project File Load Result' have been improved and contain now the name of the object.
- During the Installation, a checkbox allows to specify the Windows setting associated to the software in order to launch it by default this one as administrator.

2.6.2 Bugs solved

2.6.2.1 Manager

- Save icon/menu is no longer enabled when a new user variable is created.
- Value of system variables were stored in the project even when it was not required. This allows reducing the project size.
- When a string variable has a limited length, it is possible to set a longer string that this max length.
- The ZOrder variable of an UserScreen is not modified in a LocalPanel in Run mode.
- In the Task lister, icons indicating that tasks are locked are partially hidden.
- Affect a String containing alphabetic character to a Time variable does not set its value to 00:00:00/00.
- Comparison between a String variable and a String which is formatted as a date like 01/02/1903 will always return false even if the String variable has the same value.

2.7 Medialon Manager Panel Version 6.4.1

2.7.1 New features/feature improvements

2.7.1.1 Manager

- Improved speed of sorting in listers for large sets of items

2.7.2 Bugs solved

2.7.2.1 Manager

- When a project containing User groups is unloaded, there is a memory leak.
- A memory leak happens when a MON Client is destroyed.
- A crash may happen on MON clients disconnecting.
- LocalPanel and WebPanel variables node cannot be dragged in order to create a new lister
- It is possible to give a name containing unauthorized characters to a MON device. This would result in expression evaluation errors.

- UserScreen's List item #0 is selected automatically when the list gets focus and when no item was selected yet
- There is no warning when a task is delete and is also referenced into a Start Task/Call Task/etc... cue
- A crash can happen when multiple devices containing variables are deleted.

2.8 Medialon Manager Panel Version 6.4.0

2.8.1 Bugs solved

2.8.1.1 Manager

- The Notes in Preferences->Project are not erased when a new Project is created.
- Some command parameters cannot be edited after the project is loaded (such as DeviceControl's device name).
- Entering values for inset properties which exceed the size of the image causes a crash.
- OpenCapXML command could sometimes be falsely rejected.
- OpenCap and OpenCapXML clients are not notified when a variable is added to the client shared group.
- OpenCapXML command GetObjectList() does not return shared user groups as part as shared objects.
- If a StepBaseTask is stopped during a Wait execution, the Wait Time display in the editor is not reset and keep the current wait value.
- An access violation occurs when the Properties, Browser, Control, or DeviceMap tab is dragged into the Lister area which contains a list of UserScreens.
- 'Object Text Control' command do not allow to retrieve the Text of an 'Text Edit' graphical object.
- Importing tasks with the update/replace option incorrectly updates start task names.

2.9 Medialon Manager Panel Version 6.3.1

2.9.1 Bugs solved

2.9.1.1 Manager

- A crash can happen when a project containing Userscreen objects is opened.
- The text color of the dialog window 'Project File Load Result' does not follow entirely the current theme.
- When an 'Open Userscreen' command is executed on a screen which has multiple userscreens, the Page variable is updated with the ZOrder value and the wrong page is opened.

2.10 Medialon Manager Panel Version 6.3.0

2.10.1 New features/feature improvements

2.10.1.1 Manager

- The message which is displayed when the server port cannot be opened, has been improved with more information.

2.10.2 Bugs solved

2.10.2.1 Manager

- Opening a recent project from the 'Start' Windows menu can open the specified project with a short path form.
- A project, which has been saved with a detached window on a second screen, will not display this detached window on a computer which has only one screen.
- The device icon is not fully displayed in the Task area.
- Messages like 'StartTask requested by' initiated by MON doesn't mention task name.
- Default Userscreen font is not applied to Text object.

2.11 Medialon Manager Panel Version 6.2.0

2.11.1 New features/feature improvements

2.11.1.1 Manager

- Internal Module Help generator has been improved to support a new help format.
- The 'Revision List' is accessible from Help menu.
- Added Cue Index and Cue Time for cues in the Find Result window
- When an image is deleted from the image list, it is not clear when its image file is deleted or not. This is mainly due to the succession of alert dialog boxes. Additionally, if the image file is deleted, it is now moved to the Recycle Bin, instead of being removed from the disk.
- The option 'Disabled objects only' has been added to the Search dialog. This option allows searching for disabled objects such as disabled (or invalid) cues.
- The meaning of alarm and error messages generated after a project loading has been improved.

2.11.2 Bugs solved

2.11.2.1 Manager

- Some informations are missing in the Error displayed message when a project fails to load.
- When the start condition of a task is true and there is a pause point within this task on a command within a while loop, the execution of the task starts to freak out.
- Wrong warning message 'String Max Length Missing in XML Element' on loading project.
- There is a bad reference in cue parameter when an object associated to this cue is deleted.
- Object names can get duplicated due to invalid chars, such as space, which were allowed for these names.
- The Inspector allows enter a value for command parameters which are output only. This is confusing although doesn't do anything.
- A task is not always displayed as stopped, when selected in the editor, if a stop is issued when the task was previously not visible in the editor (part of a non visible tab).
- In the Task Editor, printing a selection of cues causes these cues to be grouped.
- Comparing two Real variables using operator != or operator == doesn't work
- Sometimes, LocalPanel mouse and keyboard variables stop to be updated
- When an image file is selected to be added into the image list, the image is not added if the file already exists in the image folder but is not referenced by any image within the list.
- Pages created using either the 'Next' page button or the 'Move Objects' menu are not displayed in the Browser until the project is loaded again.
- No answer is given when an unknown OpenCap/OpenCapXML command is received.
- Some windows and dialog boxes don't display properly if the text magnifying settings (DPI) is greater

than 100% into Windows system.

- Usage of Min() or Max() functions into expressions could cause a crash if variables are involved in that expression.
- A UserScreen which is defined as 'Always on Top' can be hidden behind another UserScreen which doesn't have this property activated.
- User Rights settings for cues in Cue Library do not stay after a save and reload.

2.12 Medialon Manager Panel Version 6.1.0

2.12.1 New features/feature improvements

2.12.1.1 Manager

- Log trace selection has been improved and expanded to tasks, cues and modules such as MXM or MRC.
- 'Load Image' feature from the Image Selector has been improved. It is now possible to either update an existing image or to create a new one if the image file is already used.
- The 'Select a variable' dialog now gets the focus in the 'Find' field automatically, each time the dialog is opened. This dialog box can also be invoked using 'Insert' key within the Cue's Properties to select a variable for the current cue's parameter.

2.12.2 Bugs solved

2.12.2.1 Manager

- When a project is loaded with AutoRun mode, alarm & error dialogs - if any - are hidden, the application seems then hanged.
- Watchdog crashes if the same instance of an application tries to be register twice.
- The depth of some graphical objects is not correctly rendering in relation to other objects.
- When a task is deleted, usage of graphic objects' wizard may generate a crash.
- When the network cable/connection is physically disconnected several times, Manager Panel client may not reconnect on Manager Lite, Showmaster ST.
- When the login or the password for the MON connection are not correct, the connection always ends with error "Cannot connect Manager On Network", not telling about the reason of that error.
- The MON setup dialog box displays a confirmation password field which is not used for a client configuration. It has been removed.
- Access Violation when deleting several variables at once.
- A crash can occurs when a variable or a device is deleted and is also part of a shared group.
- A cue containing an expression can be stay marked as faulty (red cross line) after a project has been loaded, although it is not faulty.
- List of items of sorted list are not the same between the inner variable and the display when there are duplicate entries.
- Set the Width of a Slider (or a DigitalSlider) object to 2 generates the Warning message: 'Division by zero'.
- 'Trace Buffer Size' value of Logs settings can be set outside the accepted range value.
- When a graphic object referenced in 'Object Text Control' cue is renamed, its reference is not updated in those cues.
- It is possible to write something with multi lines in an Edit object when it's property 'Single Line' is enabled by pressing Ctrl+Enter.
- The 'Find' field of the Variable Selector dialog doesn't always have the focus.
- Manager (or ManagerPanel) looks like being stuck when opening an auto-run project when the current code page of the machine doesn't match the project code page.
- 'Remove Unused bitmaps' may remove actually used bitmap files when the same bitmap(s) has(ve) been imported more than 1 time.

- Menu 'Object->UserScreens->New UserScreen...' is enabled when no Panels are created, but does not ask to create a new one.
- 'Allow changing value of System variables' option in preferences has been re-introduced.
- Invoking a wizard for a selection of multiple cues only changes the first cue.
- Drag and drop a device on an unselected object doesn't always create the proper task.
- Copy/Cut/Paste keyboard shortcuts don't work in Text Edit controls.
- Variable selector menu is not available for 'Object Type' parameter of 'Get Object List' internal command.
- Virtual screen size information is not refreshed when size of a Panel is changed.
- UserScreen name change doesn't update related task cues in some circumstances.
- Some commands as OpenUserScreen generates a crash when the parameter is a String with more than 1024 characters.
- Slider thumb bitmap is not updated when the bitmap is replaced by another one. The update only occurs when switching to Run/Debug mode or when the size of the slider changes.
- Countdown time value is erratic when no timeout is set for WaitFor command.
- 'Select a variable' dialog opens twice when it is invoked from 'Insert' key in the Expression editor (when the selector is closed, it is opened again).
- Time display was not updated properly when switching from a task to another in the task Editor.
- When switching from a task to a timeline in the task Editor, the new displayed timeline is sometime not refreshed anymore.
- Waitfor countdown counter is not paused when the task is paused. The display is paused, but the internal countdown is not paused.

2.13 Medialon Manager Panel Version 6.0.3

2.13.1 New features/feature improvements

2.13.1.1 Manager

- A new load report window is shown to display load reports, if any, at the end of the load project process.

2.13.2 Bugs solved

2.13.2.1 Manager

- "Text On" Button property cannot be set if there is no "Text Off" entry.
- Erratic Time Display of task when WaitFor is used.
- Variable Timecode type displayed in the variable lister is not correct, it is always 100fps.
- Impossible to change Font/Size properties in the Device Map property box.
- Quit (Reboot) Manager command doesn't work properly under WindowsXP.
- Some projects can generate a Manager crash on loading.
- Manager does not support multiple instances.
- Manager and ManagerPanel instances limitation are confused.
- MON Variables are corrupted after Project import.
- Password Character does not used Text Color in Panel and WebPanel.
- GetEnumerator() returns the count in the "Text" return variable instead of "Index/Count".
- MON devices in a Showmaster cannot connect to a ManagerPanel.
- Task internal consecutive commands may not be executed properly such as Stop/Play cues adresssing the same task.
- Copy/Paste of a List Control object changes the object reference.
- Wrong messages after a project loading.

2.14 Medialon Manager Panel Version 6.0.2

2.14.1 Bugs solved

2.14.1.1 Manager

- "Goto Line" (or "Goto Label") cue is not executed if it is the last cue of a task.
- Virtual Screen resolution doesn't match the real screen resolution.
- Representation of Gauges are not correct
- A wrong MXM version error message is generated when a task's export project is loaded.
- If an import project error occurs and the current project is not already saved has user bitmaps, a wrong error message is generated about missing image folder.

2.15 Medialon Manager Panel Version 6.0.1

2.15.1 Bugs solved

2.15.1.1 Manager

- Watchdog is not activated.
- Tip of the day menu doesn't open when Manager has been started by double clicking on a Manager project.

2.16 Medialon Manager Panel Version 6.0.0

2.16.1 What's new in Manager Panel V6

2.16.1.1 Enhanced Ergonomy and functionalities

More intuitive ergonomics: programming in Manager V6 has been improved to be smoother and easier for the programmer.

- JPG and PNG images are now natively supported.
- Char(◆) function in expressions has been added.
- Variable creation feature has been added into the variable dialog selector. This will ease the process when a command needs a return variable.
- Image Selector is now accessible from the Tools menu (for image deletion for instance).
- Drag'n'drop of a page into a task creates a Goto page cue.
- Drag'n'drop of a UserScreen into a task creates a cue Open UserScreen.
- Medialon logo has been added to standard bitmap list.
- Buttons for 'Send to front/back' and 'Align' have been added to the toolbar of the screens-tab.
- Font, color, and text size properties have been added for UserScreen's Gauge.
- Default Font Size parameter has been added in the Manager Preferences.
- A multiline zone has been added in the Preferences->Projects to store more detailed project information.
- "Don't ask me again" option has been added to the confirmation dialog box when tasks are deleted.

3 License and 3rd party Software

The End User License agreement and the overview of all 3rd party Open Source SW packages can be found on the secured [Medialon website](#).