





All of the settings are found under **System Preferences** and should be changed prior to launching PlaybackPro or PlaybackPro Plus.



1 Unmirror the displays. PlaybackPro works with an extended desktop mode so mirroring displays should be unchecked in the Displays preferences.

| | Display Arrangement Color | |
|---|---|-----------------|
| To rearrange the displays, drag To relocate the menu bar, drag | them to the desired position. it to a different display. | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| Mirror Displays | | |
| AirPlay Display: Off | | |
| | | Ooth as Windows |

2 Uncheck Displays have separate spaces.

| | Mission Co | ntrol | Q | ⊗ | |
|--|---|------------------------------|--------------------------|---|--|
| Mission Control screen application | Mission Control gives you an overview of all your open windows, thumbnails of your full- screen applications, and Dashboard, all arranged in a unified view. | | | | |
| Automatically rearrant | nge Spaces based on most re | cent use | | | |
| 🗸 When switching to a | n application, switch to a Spa | ce with open windows f | or the application | | |
| Group windows by a | oplication | | | | |
| Displays have separa | ate Spaces | | | | |
| Dashboard: Off | | | | | |
| | | | | | |
| Keyboard and Mouse Shortc | uts | | | | |
| With a single keystroke, vie item on the desktop that m | w all open windows, windows of t ight be covered up. | he current application, or h | ide windows to locate an | | |
| Mission Control: | ^ † 🖸 | - | | | |
| Application windows: | ^↓ 🗘 | - | \$ | | |
| Show Desktop: | F11 🗘 | - | \$ | | |
| Show Dashboard: | F12 | - | | | |
| (fo | (for additional choices press Shift, Control, Option, or Command) | | | | |
| Hot Corners | | | | ? | |
| | | | | _ | |

3 Turn off screen saver.



4 Adjust Energy Saver sleep settings. You may not have all of these options depending on your system. If your system has a battery it is best to adjust the settings on both the Battery and Power Adapter tabs.

| When automatic switching is disab This may decrease battery life. | led, your comput | er will always use high | -performance graphics. |
|--|------------------|-----------------------------------|-----------------------------------|
| | Battery | Power Adapter | |
| Turn display off after: | Never letting y | our display go to slee | o may shorten its life 3 rs Never |
| Prevent computer from sle | eping automat | tically when the dis | play is off |
| Put hard disks to sleep wh | en possible | | |
| Wake for network access | | | |
| Enable Power Nap while p | lugged into a p | ower adapter | |
| calendar, and other iCloud up | dates | ne wachnie and pe floo | Jically check for new email, |
| Battery is charged. | | | Restore Defaults |
| | | | |

5 Uncheck Automatic Graphics Switching. If

your system has two graphics chipsets a setting in Energy Saver will appear at the top. Uncheck it so the more powerful graphics processor will always be used.

| This may decrease battery life. | ica, your comparer inn annayo abo nigh | |
|--|---|----------------------------------|
| | Battery Power Adapter | |
| Turn display off after: | Never letting your display go to sleep | nay shorten its life 3 hrs Never |
| Prevent computer from sle | eeping automatically when the disp | lay is off |
| Put hard disks to sleep wh | nen possible | |
| ✓ Wake for network access | | |
| Enable Power Nap while p While sleeping, your Mac can calendar, and other iCloud upo | lugged into a power adapter back up using Time Machine and period dates | ically check for new email, |
| | | Restore Defaults |

6 Turn off system audio sounds. This is also a good time to click on the Output tab and select the audio output if you are using an external audio device.

| | Sound Effec | ts Output Input | |
|-----------------------|--------------|-----------------|--|
| Select a device for s | ound output: | | |
| Name | | Туре | |
| Internal Speakers | | Built-in | |
| USB Audio DAC | | USB | |
| | left | right | |
| | | | |



7 Disconnect from the internet. Connections to the internet can generate unwanted back-ground connections that could impact system performance during playback.



Turn off Bluetooth. We don't recommend the use of Bluetooth devices in show environments.

8

| | Bluetooth | Q | 8 |
|-------------------------------------|--|----------|-----|
| * | Devices Magic Mouse Not Connected Test's MacBook Pro Not Connected | | |
| Bluetooth: Off Turn Bluetooth On | | | |
| | Show Bluetooth in menu bar | Advanced | . ? |

9 Turn off automatic updates. In the event you forget to disconnect the internet is it also a good idea to disable automatic application updates. There are also some applications, like Flip4Mac, that have separate settings so be sure to turn those off as well.

| ••• < | > IIII App | Store | Q | 8 |
|-------|--|--|----------------------------------|---|
| | The App Store keeps OS X and ap Automatically check for update Download newly available up You will be notified when the up Install app updates Install OS X updates Install System data files and Automatically download apps p Can't determine if automatic download Your computer is set to receive be Software updates are available | os from the App Store up to solutes in the background dates are ready to be installed security updates urchased on other Macs ads are enabled due to a netwo ta software updates Show Updates | o date. ork problem Change | |
| | Password Settings Require a password for additional pu from the App Store with this comput Purchases and In-app Purchases: Free Downloads: Can't retrieve the current password | rchases after a purchase with r? Always Require Require Password settings due to a network probl | C C em. | |
| | | | | ? |

10 Turn off TimeMachine. Llke automatic updates, if TimeMachine is on it can make unwanted system calls in the background that can impact performance.



11 Disable Spotlight indexing for external drives. Spotlight is a great technology that helps macOS locate files faster on a drive, however, it takes time and it can slow down a system. If you don't have time for Spotlight to index an external drive you can add it to the Privacy tab to prevent it from being indexed.

| ••• | | Spotlight | Q | 0 |
|-------|--|---|--|--------|
| Q | Spotlight helps you quick Internet, iTunes, App Sto | ly find things on your computer are, movie showtimes, locations n | and shows suggestions fr earby, and more. | om the |
| | Prevent Spotlight from so | earching these locations: | 1 | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| C | +- | | | |
| Keybo | pard Shortcuts | About Spot | ight Suggestions & Privac | y ? |

12 Disable FileVault. FileVault encrypts all the contents of a MacOS disk. It requires significant overhead and it should be disabled. If your system has it enabled, you need to check with the system admin before changing this setting.



12 Stop unnecessary apps from loading on

startup. The Login Items list is populated with apps that load during macOS startup and may not be needed when playing back content. A clean install of macOS will have an empty Login Items list. To stop an app from loading at start up, select it in the list and click on the minus (-) button. We recommend you understand the function of any application prior to removing it from the list.

| Current User | | Password | ems |
|-------------------|-----------------------|------------------------------|------------------------|
| Greg Admin | These items will o | pen automatically when | you log in: |
| Other Users | Hide Item | Kind | |
| Guest User Off | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | To hide an applicatio | n when you log in, select th | e checkbox in the Hide |
| A | column next to the a | oplication. | |
| | | | |
| \bigcirc | | | |

Helpful Tips

Fullscreen Mode

Using the Fullscreen button in the PlaybackPro interface can cause unexpected application issues including program shut down. We recommend starting in fullscreen or non-fullscreen and staying in that mode during use. If you need to change the mode use the green fullscreen button provided by macOS.



Interface Window

If your system is having a difficult time playing content, lowering the resolution of the PlaybackPro Interface screen will free up graphics processing power and may resolve the problem. There isn't an option to change this on Retina screens.



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Optimal File Types

If a file does not play well in PlaybackPro or PlaybackPro Plus a quick solution can be to re-encode and rewrap the file in a .mov container using QuickTime Player.

Other transcoding software like Apple Compressor, Wondershare Video Converter Ultimate and MPEG Streamclip can be very helpful to process playback content.

Our recommended codecs are Apple Prores 422 (Standard) or H.264 in a .mov container.

| QuickTime Player | File Edit View Wind | dow Help |) |
|------------------|--|----------------------------|---|
| | New Movie Recording New Audio Recording New Screen Recording | N第ブ へて第N へて第N の第N | |
| | Open File Open Location Open Recent | ¥O ¥L ► | |
| | Close Save Duplicate Rename Move To | 光W 光S 企光S | |
| | Export | • | 1080p |
| | Revert To Share |) | 720p 480p iPad, iPhone, iPod touch & Apple TV |
| | | | Audio Only iTunes |