

StudioLive CS18AI + StudioLive RM Mixer

Recommended Network Connection Configurations

The StudioLive CS18AI and RM32AI or RM16AI combine together to create an incredibly powerful mix system. As you can expect from PreSonus Active Integration® technology, there are a variety of ways that these devices can be connected which will each meet different needs. To help you determine the best solution for your specific requirements, we've prepared this simple guide.

		CS18AI Direct Connect Ethernet	With Wifi Router	With Wifi Router and AVB Switch
CS18AI	Control of RM mixer	✓	✓	✓
	Control of Studio One 3	✗ (See FAQ)	✓	✓
	Local Audio I/O (AVB audio)	✓	✗	✓
UC Surface Control of RM Mixer	From Mac or PC via FireWire Connection to RM	✓	✓	✓
	From Mac, PC, Windows 8 Touch, or iOS devices via network connection to RM	✗	✓	✓
QMix AI Personal Mix Control	From Wireless iOS Devices via Wifi to RM	✗	✓	✓
Capture	Recording with Mac or PC via Firewire Connection	✓	✓	✓
	CS18AI Control of Capture Transport	Coming Soon		

Frequently Asked Questions

Direct Connect via Ethernet

How do I control the StudioLive RM mixer from UC Surface or Qmix-AI via wireless connection in this scenario?

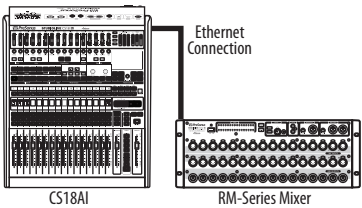
In order to control an RM mixer from remote devices running UC Surface or Qmix-AI in this scenario, the RM mixer must have its WiFi adapter installed and it must be connected to the same WiFi router/network as those remote devices.

Please note: If wireless control of the RM mixer is desired, we recommend using the Wi-Fi Router or AVB Switch + Wi-Fi Router connection method to ensure the best performance and most reliable results.

How can I control Studio One 3 from the CS18AI in this scenario?

In order to control Studio One 3 in this scenario, the CS18AI must have its WiFi adapter installed and be connected to the same WiFi router/network as the computer running Studio One 3.

Please note: If control of Studio One 3 is desired, we recommend using the Wi-Fi Router or AVB Switch + Wi-Fi Router connection method to ensure the best performance and most reliable results.



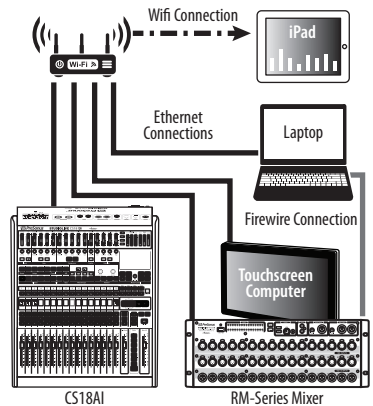
Connection via WiFi Router

Can I use the audio I/O on the CS18AI in this scenario?

No, if you are connecting the CS18AI directly to a router, you will not be able to use the local audio I/O of the CS18AI. Sending audio between the RM mixer and the CS18AI is done via AVB, and requires either a Direct Ethernet connection between the mixer and CS18AI, or the use of an AVB switch.

Do I still have full CS18AI control of the RM mixer and Studio One 3 in this scenario?

Yes, control of the RM mixer and Studio One from the CS18AI is done via the PreSonus UCNET protocol using standard Ethernet networking and does not require specialized network hardware.



Connection via WiFi Router and AVB Switch

What brand of AVB Switch does PreSonus recommend?

Please refer to the up-to-date list of recommended AVB Switches on our KnowledgeBase: <http://bit.ly/1WnPgYv>

What devices need to be connected to the AVB switch?

An AVB switch is only necessary to pass AVB audio streams, so the only devices that must be connected to the AVB switch at this time are the CS18AI and the RM mixer. Other non-AVB network devices may optionally be connected to the AVB switch, but these devices may alternately be connected to LAN ports on the WiFi Router or to other non-AVB switches.

Other Frequently Asked Questions

Which Wi-Fi Router should I use?

Recommended: <http://bit.ly/1LSB2qY> | Not-Recommended: <http://bit.ly/1G7R0f1>

Can I use SMAART in these scenarios?

Yes, however the Smaart features in UC Surface require audio transport, so you must have a computer connected via Firewire to the RM Mixer in order to display the Smaart RTA and Spectrograph views, or to launch the Smaart Room Wizards.

