



 **PreSonus**[®]

TTC **surface**[™]

multi-touch-
ready control
system

Now with unlimited **FILTER DCAs**

StudioLive[™]

RM32AI **RM16AI**

Next-Generation Digital Mixing Systems

RM RM

Touch the future of live sound mixing.



On a Windows® 8 multi-touch computer.

On a Windows® or Mac® laptop.



On an iPad®. Or do all three at once!



StudioLive™ RM32AI

32-channel/25-bus mixer

- 32 recallable remote XMAX™ analog mic preamps with +48V phantom power
- 32 channels each with dual (A/B) Fat Channel processing (4-band parametric EQ, compressor, limiter, high pass, gate)
- 16 aux mix buses with full Fat Channels
- 4 internal FX buses (2 reverb, 2 delay)
- Main L/R + mono or LCR mixing
- 52 x 34 digital FireWire I/O



StudioLive™ RM16AI

32-channel/25-bus mixer

- 16 recallable remote XMAX™ analog mic preamps with +48V phantom power
- 32 channels each with dual (A/B) Fat Channel processing (4-band parametric EQ, compressor, limiter, high pass, gate)
- 16 aux mix buses with full Fat Channels
- 4 internal FX buses (2 reverb, 2 delay)
- Main L/R + mono or LCR mixing
- 52 x 34 digital FireWire I/O



We enhanced the feature set of our StudioLive AI mixers — including fully analog, yet digitally-recallable XMAX™ mic preamplifiers. And then engineered it into an intuitive, touch-ready interface called UC Surface.

StudioLive RM Series I/O lives in a rack...but the real breakthrough is the ease and flexibility of control options you get with UC Surface. It takes the concept of moving faders *and* DCAs into the future.

The UC Surface battle-ready interface is designed specifically for live sound mixing with contextual-based navigation for quick, intuitive access to all functions. Without bank switching or complicated menus.

UC surface

We chose the term “battle-ready” to describe UC Surface because it’s the first on-screen mix control application to truly handle the spontaneous and often chaotic demands of live mixing.

All primary mixing functionality is at your fingers without the need to navigate complex views or deep menus.

Displays automatically change context depending on what you’re trying to adjust.

And you can see all critical level functions at a glance. You can simultaneously run Front of House from a touch screen, mix monitoring from a laptop to the side or on-stage and also roam around the venue with an iPad.

The information displayed in this area changes based on where you are in your workflow.

- Select any input channel, the Flex Master Channel, or a Main output to display the associated Fat Channel DSP.
- Select the Flex Master Channel GEQ or FX Edit to display the associated graphic EQ or effects settings.
- Select Scenes/Mutes (main output area) to display the Quick Scenes and Mute Groups.

In UC-Surface, we’ve replaced traditional Fat Channel “knob”

graphics with a more informative parameter box, displaying the parameter name, text of the current value, and a meter showing the value. On a touchscreen, the parameter box will open an adjustment meter under your finger. Move your finger along the meter to change the value. Remove your finger and the meter will snap back to show the compact parameter box. When working with a mouse, click on the parameter box to display the adjustment meter or use the scroll wheel to adjust the value without opening the adjustment meter.



Connected device tabs switch between different mixers available for control on the network. Selecting a tab will open the associated mixer control.

UC surface

Fat Channel Section

Channel Strip Section

This area displays the input channels and fader levels for the selected mix, multiple channels at a time. Just “swipe” left or right to see other channels.

Solo

Mute

Pan

Clipping Warning

Compressor gain-reduction meter

Channel fader. Controls the channel level for the selected mix.

Input meter

Gate gain-reduction meter

Channel number, name, and type icon. Selects the associated channel and brings up the Fat Channel.



The Meter Bridge shows the input meters for all available channels. A highlighted window shows the channels that are currently displayed in the input channel area. You can use the Meter Bridge to navigate to a specific channel by selecting the channel to “jump” the input channel view to that area or drag the highlighted window to scroll to that area. You can also swipe the input channel area to scroll through the available channel, and the highlighted window in the Meter Bridge will follow your location.

Flex Master Channel Strip

The Flex Master channel strip shows the master channel for the selected mix. For example, when Mix 3 is selected, the Flex Master is the main output for Mix 3.

Solo

Mute

GEQ or FX Edit. Opens the associated graphic EQ or effects editor in the Fat Channel area.

Clipping warnings.

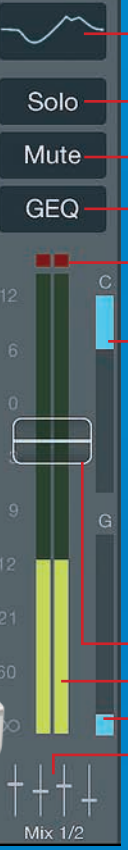
Compressor gain-reduction meter

Mix fader

Output meter

Gate gain-reduction meter

Mix number, name, and type icon. Selects the associated Mix master and brings up the Fat Channel.



Mix Selection Area

This is the primary navigation area for RM mixers. Here you select the mix that’s currently being controlled by the channel faders. This is also where you’ll find the settings for each mix.

Mix selection buttons

Main Mix Select button

FX Mix selection buttons

Settings

Mix 1/2

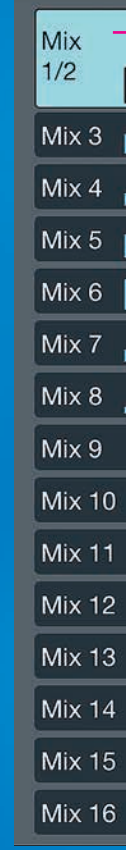
Mix name. Select to rename.

Stereo Link. Select to link two adjacent mixes for stereo operation.

Copy/Paste. Copies the currently selected mix so you can paste into other mixes.

Mix Position. Selects routing position for the selected mix (Pre 1, Pre 2, Post).

FX Settings. When an FX mix is selected, this area provides quick access to all FX mutes and Tap Tempo buttons for the delay effects.



Main Output Area

EQ micro view. Selects the associated main mix and brings up the Fat Channel.

Scenes/Mutes. Displays the Quick Scenes and Mute Groups in the Fat Channel area.

Talkback. Turns Talkback on and off.

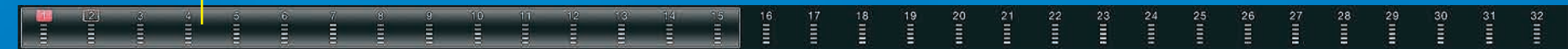
Clipping warnings

Main Mono/Center channel strip. Displays the fader and meter for the Main Mono mix bus.

Main Left/Right channel strip. Displays the fader and meters for the Main Left/Right mix bus.



All UC Surface controls are also accessible on an iPad.





Filter DCAs: unlimited ways to sort, view and control 32 channels.

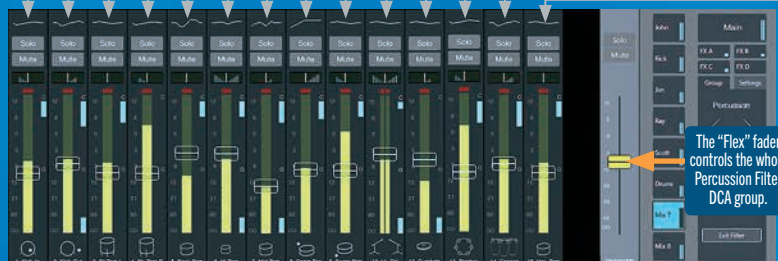
All 32 input channels

If you're new to mixing, your first impulse is to want to see *all 32 channels at once*. Veteran sound engineers will tell you that it's far better to mix **GROUPS** of channels, by assigning them to single faders. That's what Filter DCAs are all about.



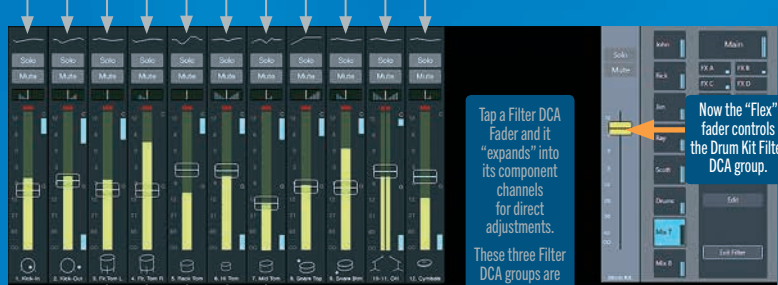
Percussion Filter DCA group

Everything on one Flex Fader. Drum kit, congas, extra tom that the lead singer occasionally bangs on.



Drum kit Filter DCA group

A "subset" of the Percussion Filter DCA with just the drum kit mics. You control the whole group with just one Flex Fader.



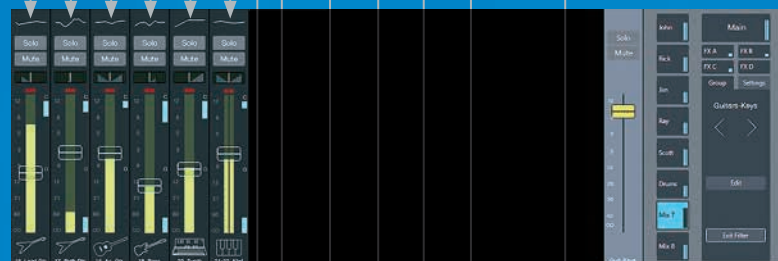
Toms only Filter DCA group

Besides adjusting relative levels, you can add effects for all the toms together in just this Filter DCA group.

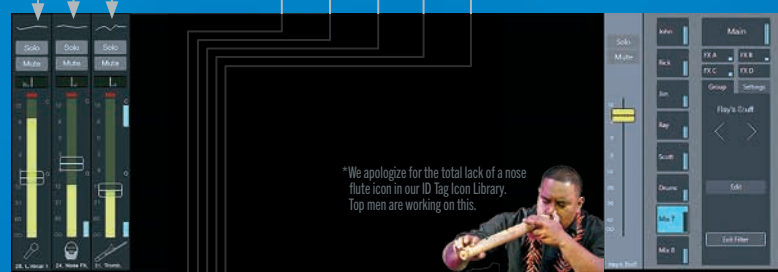


Tap a Filter DCA Fader and it "expands" into its component channels for direct adjustments. These three Filter DCA groups are examples of "nesting" the same channels as separate combinations of related instruments. But of course you can build Filter DCA groups with any combination of channels like we did at right.

Guitars, synth and keyboards Filter DCA group



Lead vocal 1, nose flute* and trombone Filter DCA group



Vocals only Filter DCA group



- You can create as many Filter DCA groups as you want.
- Filter DCA groups can include effects!
- You can include as few as one or as many as 32 channels in a Filter DCA "group".
- The same channel can be a part of as many Filter DCA groups as you want.

The problem.

You have 32 inputs and channel faders. And just two hands. Mixing on an iPad, for example, can lead to a lot of sideways scrolling. It's not necessary.

You don't *need* to see or individually adjust 32 channels!

Rather, you need to be able to adjust *groups* of channels: Drums, background vocals, horn section, etc. Or individual performer groups such as lead vocal and their keyboard. Or even more granular groups like toms only.

This gives you more control with less channels and faders. But on small mixers the only way to achieve grouping has been sub groups.

Old solution.

DCAs. *Digitally Controlled Amplifiers* are like remote controls for a *group* of channel faders. Change the DCA fader; change all the component channel fader levels at once. Along with a variation called *population groups*, DCAs are the traditional way large-format mixers have controlled groups of channels. This is a great solution as far as it goes. The problem is, no mixer of any size has enough DCAs to build all the combinations of channels that could make mixing easier. For example, a current, top-of-the-line, \$180,000+ Brand X digital mixing console offers just 36 DCAs!

Best solution: Filter DCAs

We realized that users needed a more sophisticated way to control mixer channels in all sorts of various combinations. So we *combined* DCAs and population groups into an elegant, integrated solution: **Filter DCAs**.

This breakthrough feature for navigating and controlling a mix lets you get the most from channel grouping — because it allows for *dynamic changes in context of the mix*.

And UC Surface gives you an *unlimited* number of Filter DCAs, each of which can contain *any combination* of available input channels.

Select a Filter DCA and the channel view changes to only show the channels belonging to that group. The "Flex" fader switches context to adjust the relative level of all channels in the group.

Filter DCAs stay active until exited, allowing you to address the same group independently across *different* mixes. You can also flip *between* groups on the fly to change the context of a selected mix.

So rather than navigating through layers of channels, the channels you want come to you *when you want*.

All primary mixing functionality is at your fingers without the need to navigate complex views or deep menus.

You can see all critical level functions at a glance from different screens in different places: Simultaneously run Front of House from a laptop to the side or on-stage and also roam around the venue with an iPad.

This is going to totally change the way you mix.



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And it gets even better!





Run your whole show from a “master” layer comprised of Filter DCA groups!



Elegant simplicity!
One Filter DCA Master screen controls 32 channels.

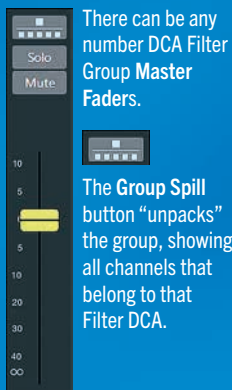
Put your whole 32-channel mix right at your fingertips. . . on a touch screen, a laptop, or an iPad — or all three at once!

Need to tweak something? “Drill down” into any Filter DCA group by tapping its master fader. The screen expands to show you that DCA group. Make your tweak and then “collapse” the group back into your master screen.

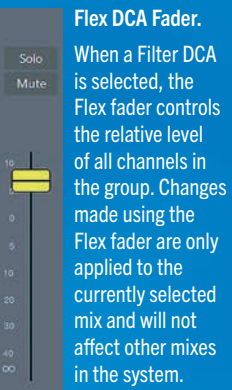
The only other digital mixers with anything approaching this kind of power cost multi-tens of thousands of dollars.



PreSonus' Ray Tanzen and Rick Naqvi explain Filter DCAs



There can be any number DCA Filter Group Master Faders. The Group Spill button “unpacks” the group, showing all channels that belong to that Filter DCA.



Flex DCA Fader. When a Filter DCA is selected, the Flex fader controls the relative level of all channels in the group. Changes made using the Flex fader are only applied to the currently selected mix and will not affect other mixes in the system.

Auto DCA Filter Groups. Assigning an ID tag icon to a channel identifies the channel type, and creates a default group based on that selection. For example, if you select a kick icon, a Drum Group will be added to the Filter DCA group list and that channel will be added. Any channels of “drums” type will then be added to the “drums” filter group.

Custom DCA Filter Groups. In addition to Auto groups, you can create any number of custom filter groups from scratch. Start by using an Auto DCA filter group. add or remove channels, rename and save the group. Since grouping is stored in software, you get an unlimited number of filter groups — far exceeding the limited number of Population Groups and DCA’s offered by competitors.

CASE STUDY:

The RM16AI really is a 32 channel mixer!

(bonus feature:) *Streamlining a complex live mix with Filter DCAs*

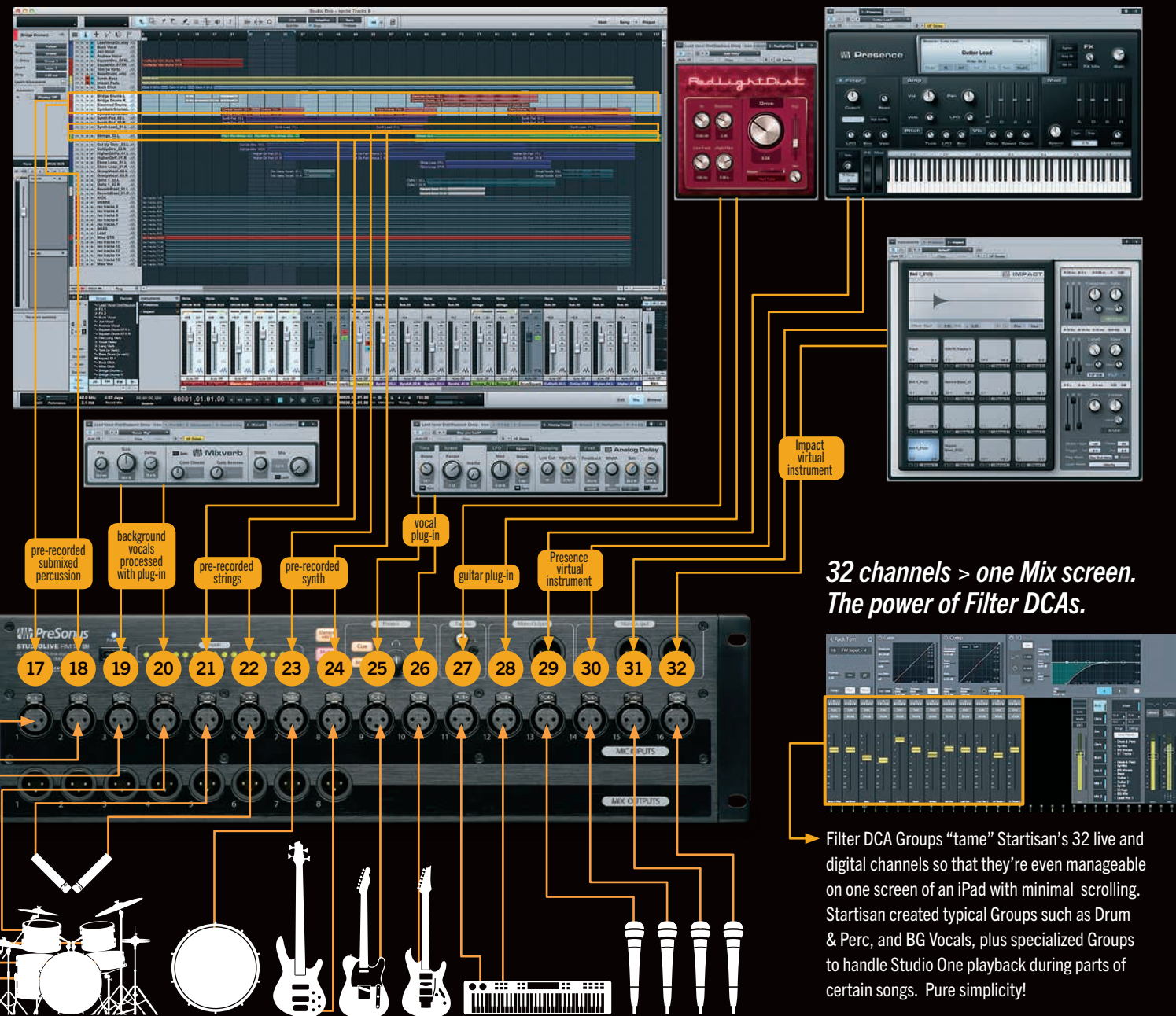
If you leave your laptop at home, you’re ignoring one of your most powerful live musical instruments.

Just ask the band **Startisan**. They not only take advantage of RM16AI’s sixteen analog inputs, but also its SIXTEEN DIGITAL inputs and the power of Studio One Artist DAW.

Backing tracks, virtual instruments, plug-ins and more combine to make their live show sound like their studio recording as you can readily see in this video.



What one band does on stage with 16 extra digital channels



32 channels > one Mix screen.
The power of Filter DCAs.

Filter DCA Groups “tame” Startisan’s 32 live and digital channels so that they’re even manageable on one screen of an iPad with minimal scrolling. Startisan created typical Groups such as Drum & Perc, and BG Vocals, plus specialized Groups to handle Studio One playback during parts of certain songs. Pure simplicity!

But what makes it all work on stage so well is Filter DCA’s ability to organize the inputs into one iPad ready screen. Bottom line: you can’t do this with ANY of our competitors’ rack mixers. Only with RM and UC Surface.

Put the Wheel of Me on your iPhone

We were the first with an iPhone app for personal monitor mixes. And first to approach it from the standpoint of an on-stage musician really needs. Packed with powerful features, QMix-AI is pure simplicity to use.

Just select the mixer channels you want to use on the "Me" page. Then you're ready for the **Wheel of Me**, a virtual thumbwheel that adjusts the volume of your "Me" channels in relation to the rest of the monitor mix. Rotate your iPhone to Landscape view for control of the aux-mix send levels and pan position for each channel and aux. Want more kick drum? Dial it in. And with RM Series mixers 16 aux sends, you can do this for every member of the band!

▶ Direct connect to RM Series mixers without a computer

- ▶ Full wireless control over focused RM mixer Aux Mixing parameters
- ▶ Set permissions between all Aux Mixes or an individual Aux mix control from UC Surface
- ▶ Restrict novice users to Wheel of Me

Capture it all in multitrack with just one click

Of course RM-Series mixers come with Capture, our software specially-designed for live recording. No compatibility issues. No DAW track assignment woes. Now you can record every performance or service and do virtual sound checks

Capture™ 2 has added Active Integration functions (see below), up to 64 track capability, Virtual Soundcheck mode, advanced marker placement and recall, channel name sharing with UC Surface and QMix-AI, Big Meter mode and an amazing roster of safety features like auto-save in the event of a power failure. But it gets even better:

Active Integration in action: RM mixers, Capture 2.1 and Studio One Artist

RM-Series mixer Scenes can be stored inside Capture 2 files and re-produced when you open the file in Studio One 3.

Every Studio One track will have the new Fat Channel plug-in — with identical settings to those you created in UC Surface during the concert or worship service.

Finetune, enhance and produce with a full-feature DAW

Studio One has the world's fastest-growing user base for a reason. Okay, several reasons...including sound quality, ease of use, speed of workflow and ingenious features. And it's perfect for editing and enhancing what you've recorded with Capture and the RM Series mixer. So naturally, we include a license to download a full version of Studio One Artist 3 with each RM-Series mixer. Unlimited track count, automation, virtual instruments, loads of plug-ins, and gigs of 3rd-party resources are just the start. And naturally you can open Capture 2 files...but it gets even better:

Plus your fader levels, mutes and FX mixes! This is a huge time-saver when you need to do a quick mix-down, and a great starting point when you sit down to do the final mix. It's another example of how we're actively integrating our applications.

Optimize your PA with the help of Smart® Wizards

Rational Acoustics' Smart measurement and analysis technology gives you the power to make your PA system sound better, visualize and quash feedback, set delays for rear speakers and quickly confirm output connections.

Plug in a PRM1 Measurement Microphone and use the **Smaart Room Analysis Wizard** on laptop or iPad to "shoot the room". You can instantly see how to adjust UC

Surface's parametric EQs for better sound quality. Accurately set rear speaker delay with the **System Delay wizard**. Confirm output connections using the **Output Check wizard**.

Then "ring out" your monitors and main PA using Smaart's ingenious **Spectrograph** display which appears directly under Fat Channel EQs and every GEQ in UC Surface. Offending frequencies appear white. Just tweak the closest slider to kill the feedback. Only Active Integration let you work this Smaart!

We started with the features, functionality and remarkable sound quality of our StudioLive AI digital mixers. And then added remote recallable everything — including our signature, discrete XMAX™ Class A analog microphone preamplifiers.

RM16AI and RM32AI mixers retain StudioLive AI's amazing processing power, unique software network integration, and enhanced workflow features, while incorporating our new UC Surface software user interface.

Available in 32- and 16-input sizes, each RM-Series Mixer is equipped with a next generation DSP platform that enables PreSonus' Active Integration technology in ways never before possible.

Active Integration creates a complete, networked, tightly integrated hardware/software ecosystem in which every touch point in the system communicates to enhance the user experience and solve practical problems in ways not previously possible.

- 24-bit, up to 96 kHz sampling rate
- High-Definition Burr Brown A/D-D/A converters (118 dB dynamic range)
- 32-bit floating point digital mixing and effects processing
- Studio One-derived 64-bit coefficients for summing engine, EQ and dynamics
- The most analog inputs and outputs of any mixer in its price range for more flexible connectivity:
 - ▶ 32 or 16 remote-recallable Class A XMAX™ Preamps with individual phantom power
 - ▶ 16 or 8 Direct Mix Outputs mirrored on the back panel with DB25 connectors
 - ▶ Main/Mono Outputs with Trim Control
 - ▶ RCA Tape Input with Level Control
 - ▶ Headphone Output
 - ▶ MIDI I/O (for future implementation)
- Fully integrated, continuously bi-directional FireWire s800 recording interface for easy recording and virtual soundchecks:
 - ▶ 52 FireWire send streams
 - ▶ 32 dedicated channel sends for quick recording setup

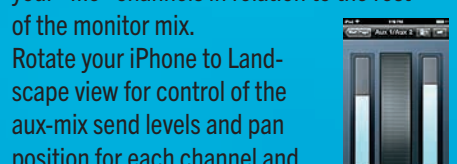
- 20 auxiliary recording streams: record all aux and main mix buses
- ▶ 34 FireWire returns
- 32 hardcoded channel returns with full DSP processing plus a stereo output for program music or click track
- Playback pre-recorded tracks during live performance or tracking
- Sound check the band before they arrive
- Use your favorite plug-in as an insert
- 24-bit, 44.1, 48, 88.4 and 96kHz



surface

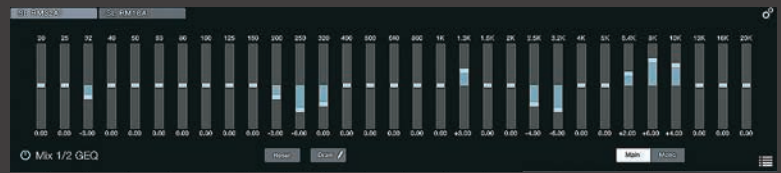


16 mono or 8 stereo mixes with RM Mixers!



RM16AI
RM32AI

- ▶ Compatible with Core Audio and ASIO (Mac®/Windows®)
- **25 dedicated mix buses for easy configuration:**
 - ▶ 16 remote analog auxiliary buses with balanced outputs
 - ▶ Stereo main mix with L/R and mono / center
 - ▶ 4 internal FX buses with dedicated onboard 32-bit digital effects processors (two reverbs, two delays)
- **Analog Stereo Tape Input**
- **Dual A/B Fat Channel with:**



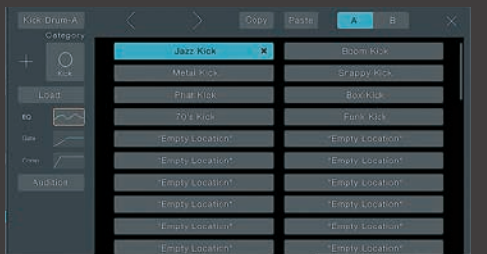
- **15 31-band graphic EQs with A/B and custom presets**
- **Alt EQ & Dynamics button A/B's two Fat Channel settings**
- **8 Mute Groups with All Off and All On options**



- **USB Device port supports USB wireless LAN adapter and thumbdrives for firmware updates**
- **99-Scene Store and Recall**
- **8 Quick Scenes with snap shot function**



- **Talkback communication system**
- **Option Cards:**
 - ▶ S800 / S/PDIF / AVB (included)
 - ▶ Dante™ and Thunderbolt®



- **Active Integration™ software suite includes:**

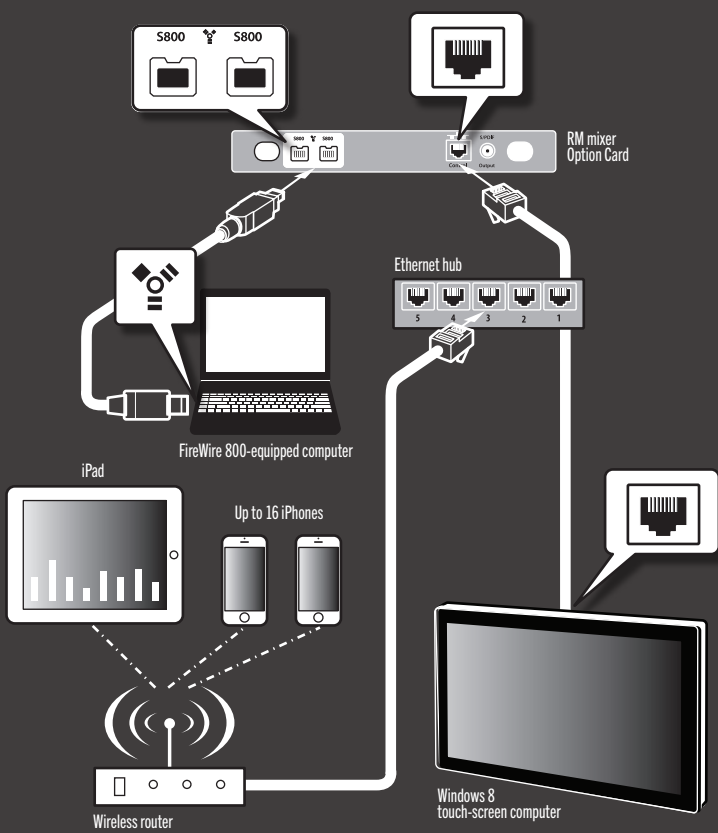
- ▶ **Capture:** Multitrack software with true Virtual Soundcheck and remote scene store/load

- ▶ **Studio One Artist:** Full DAW application with Native StudioLive Fat Channel plug-in and StudioLive AI Scene compatibility

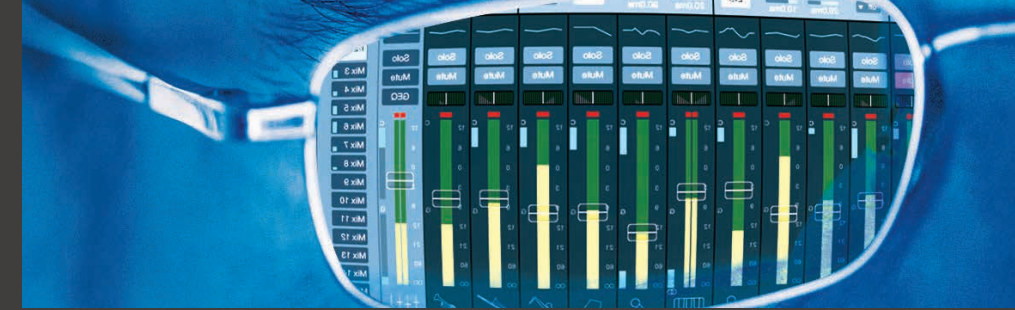
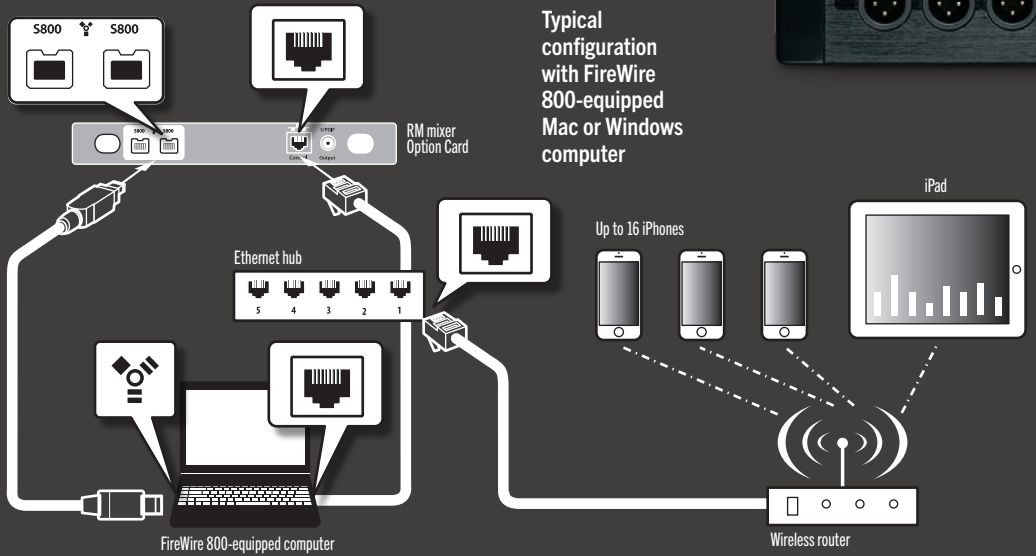
- ▶ **QMix-AI:** Direct wireless dedicated aux mix control software for Apple iPhone/iPod touch



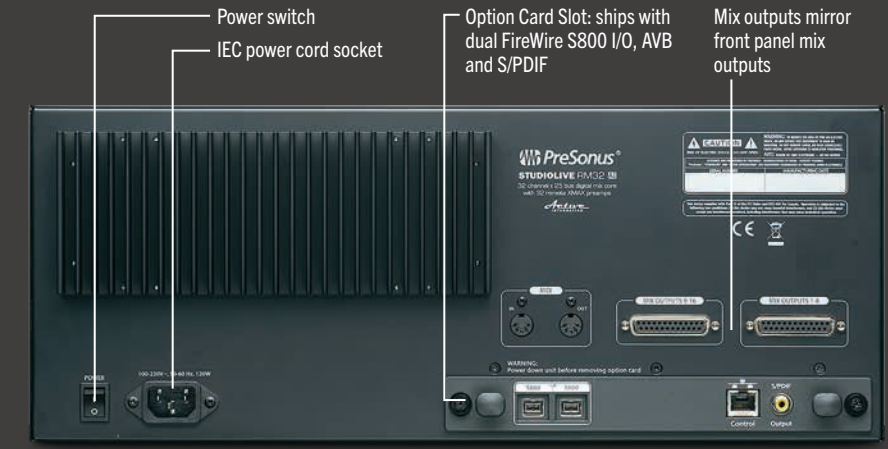
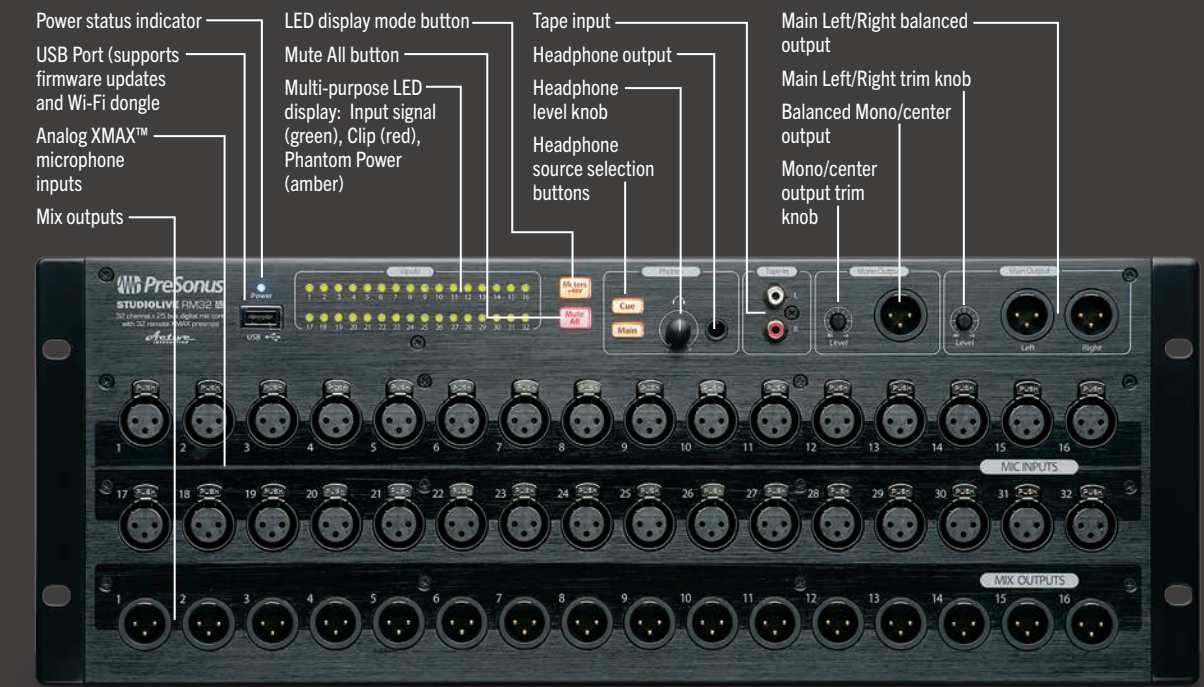
Typical configuration with Windows Touch screen computer



Typical configuration with FireWire 800-equipped Mac or Windows computer



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StudioLive™ AI RM Series Technical Specifications

General	
Internal Sample Rate	44.1, 48, 88.2, 96 kHz
ADC Dynamic Range	118 dB minimum A-wtd, 48 kHz Sample Rate
DAC Dynamic Range	118 dB minimum A-wtd, 48 kHz Sample Rate
Reference Level for 0 dBFS	+18 dBu
Crosstalk (Input to Output)	-90 dBu, +4dBu, 20Hz-20kHz, unwt'd
Crosstalk (Adjacent channels)	-87 dBu @+4dBu, 20Hz-20kHz, unwt'd
Clock Jitter	<20 Ps RMS, 20Hz-20kHz
Jitter Attenuation	>60 dB, 1 ns in ~1 ps out
Microphone Inputs	
Type	XLR Female, balanced, locking
Freq. response to Main Output	20Hz-20kHz, ± 0.5dBu
Input impedance	1k Ohm
THD to Main Output	<0.005% Max, +4dBu, 20Hz-20kHz, unity gain, unwt'd
SNR to Main Output	94 dB
Common Mode Rejection	65 dB
Gain	0 to +65 dB, ± 1dB
Max Input Level	+12 Max dBu, unity gain
Phantom power	+48 VDC
Tape Inputs	
Type	RCA Female, unbalanced stereo pair
Max input level	+12 dBu
Main & Line Outputs	
Type	XLR Male, electrically balanced
Max output level	+24 max dBu
Output impedance	100 Ohms
Headphone Outputs	
Type	¼" TRS, female, active stereo
Max output level	120 mW/ch, 60 Ohm load
Frequency Response	20Hz-20kHz, ± 0.5dB, Max gain
THD+N	0.01% @ 1kHz, max gain, 20kHz BW, unwt'd
SNR	96 dB, 1kHz, max gain, 20kHz BW, unwt'd
Power	110-220 VAC
Dimensions H x W x D	RM16AI: 5.25" x 19" x 10" / 133.4 x 483 x 254mm RM32AI: 7.0" x 19" x 10" / 482.6 x 483 x 254mm
Weight	RM16: 17 lbs / 7.71 kg RM32: 26 lbs / 11.8 kg

Forged in Live Production, honed for the Studio, CS18AI is the compact, intuitive control solution for RM rack AI mixers.



PreSonus StudioLive mixers redefined affordable compact mixing, forever changing the world and setting the standard for what digital mixers could be.

Built from this award winning legacy, the CS18AI is a compact, intuitive mixing solution for the StudioLive RM16AI and RM32AI rack mount digital mixers and Studio One digital audio workstation.

It's a rugged, professional product with more features, better reliability — and more flexibility — than anything else in available in this market.

- Eighteen 100mm, touch-sensitive motorized faders: 16 Channel, 1 Flex, 1 Master
- Control of up to 64-channels on StudioLive RM AI mix systems

- Navigate using traditional layers or with intuitive PreSonus Filter DCA groups
- Built-in 4x2 AVB audio interface with 2 XMAX preamps, 2 balanced TRS line inputs, 2 XLR and stereo headphone output
- Connect via a simple Ethernet cable eliminating the need for cumbersome analog or digital snakes and stage boxes
- Added bonus: When producing your live tracks, take advantage of Studio One 3 control surface functionality.

Networked with StudioLive RM-series mixers via AVB Ethernet and PreSonus UC-NET technology, the CS18AI enables complete hardware control of all mixer features.

With a CS18AI combined with a StudioLive RM mixer, you can keep your mixing I/O on stage in a rack, while running the mix from hundreds of feet away via a lightweight Ethernet cable—eliminating the need for

an expensive analog snake and a separate stagebox.

Every aspect of the CS18AI was designed to help you mix with ease and reliability. Eighteen RGB select buttons can be customized to make it easier to identify different channels based on the color.

True touch sensitive faders know when your finger makes contact so the fader will never fight you and you can experience real automation functionality in the studio.

The CS18AI lights your way through mixing with 146 illuminated buttons, sixteen 64 x 96-pixel scribble strips, a touch-sensitive 4.3"/109 mm LCD display, and sixteen

12-segment LED level ladders show individual channel levels and Fat Channel information. Six more 11-segment LEDs display



L/R/Center-Mono and processor activity.

It controls Studio One 3, too.

The CS18AI integrates directly with Studio One to provide a big console mixing experience. Scribble strips, channel select button colors, channel banking, and transport control bring your Studio One session into the physical world. Easily create channel automation and navigate your mix with intuitive Studio-Live workflows.

At release, you can take control the following functionality in Studio One:

- Touch-sensitive motorized fader control over channel faders and automation

simplify live mixing. Leave the CS18AI at front of house, and navigate the room and fine tune the mix with UC Surface on your iPad. Directly control Capture for recording and virtual sound check during a live performance then switch over to controlling Studio One to mix your recording. Use QMix-AI™ iPhone and iPod management for personal monitor mixes.

UC Surface integrates directly with the CS18AI as an extension to the physical controller with complementary views for the selected channel strip, full metering, and scene recalls. And of course lets you take advantage of our exclusive Filter DCAs that dramatically



- Channel Mute
- Channel Solo and Solo clear
- Channel Select with matched GB LED channel colors
- Channel Pan control
- Scribble strip names, pan indication, and current automation mode
- Channel layer navigation
- Aux mix and transport control
- Automation mode selection
- Metering
- Plug-in control



High-resolution scribble strips



Variable color (RGB) Select Buttons



Full Fat Channel controls, just like on StudioLive AI console mixers



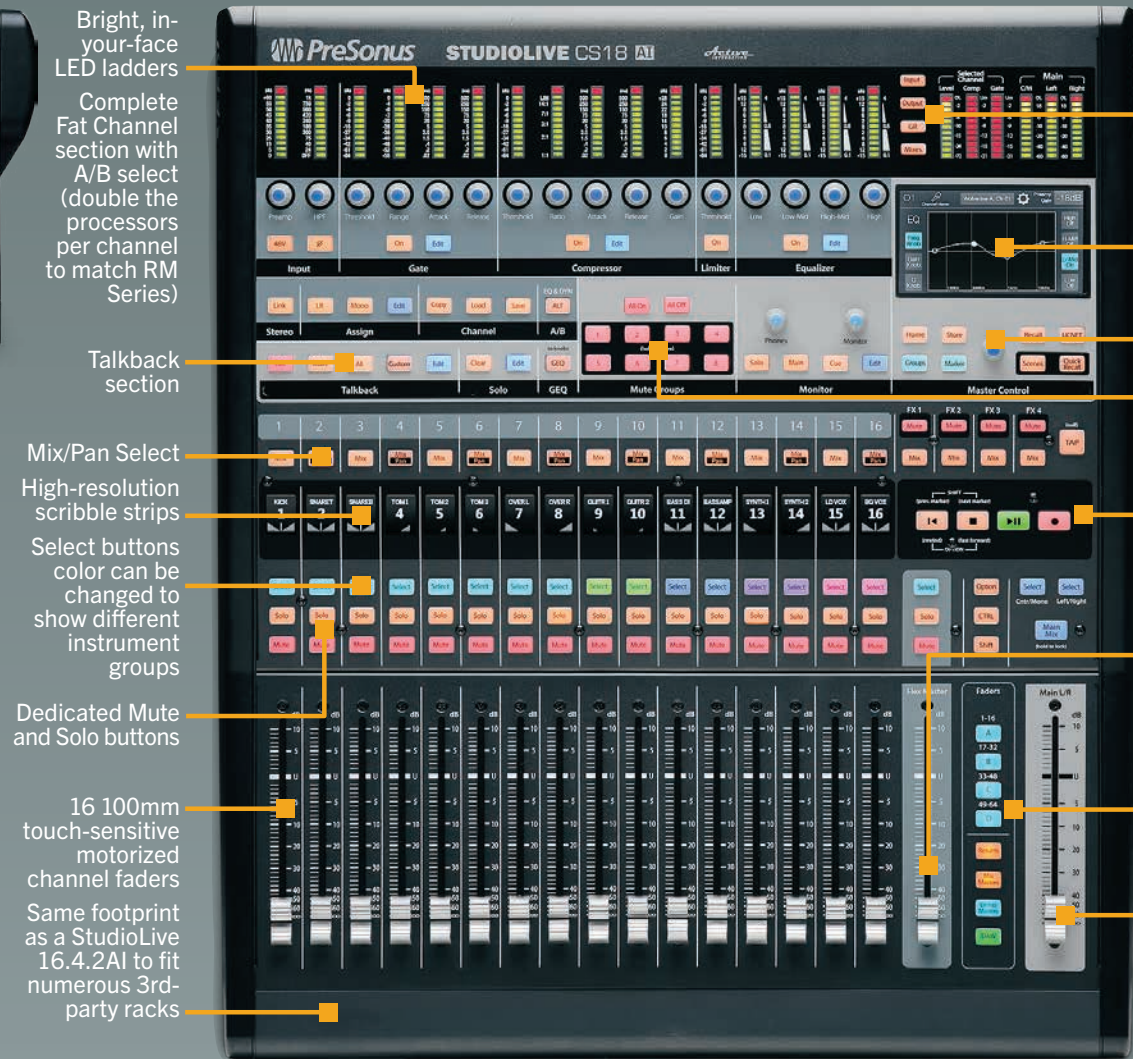
- Lamp socket
- USB port
- AVB Port
- Balanced Left/Right Monitor Outputs
- Footswitch port
- XMAX™ mic preamp / 1/4" TRS line inputs
- Balanced 1/4" TRS line inputs

CS18AI



- 18 100mm, touch-sensitive motorized faders: 16 Channel, 1 Flex, 1 Master
- Control StudioLive RM AI mix systems of up to 64-channels
- Full PreSonus Fat Channel DSP control with individual encoders and 12-LED displays for
 - Gate Threshold, Range, Attack, Release
 - Compressor Ratio, Attack, Release, Gain
 - Limiter Threshold
 - EQ Low, Low-Mid, High-Mid, High
- Metering
- Sixteen 12-LED channel ladder level and Fat Channel displays

- Three 11-LED Select Channel Level/Compressor/Gate displays
- 11-LED displays for Main Center/Mono, Left and Right
- Variable-color (RGB) Select buttons for easy channel and Filter DCA group identification
- 16-channels of high resolution 64 x 96 scribble strip display with Pan indicators
- 4.3" / 109 mm color touch-sensitive display with 43 screens
- 4 Effects buttons with TAP
- Navigate using traditional layers or with intuitive PreSonus Filter DCA groups

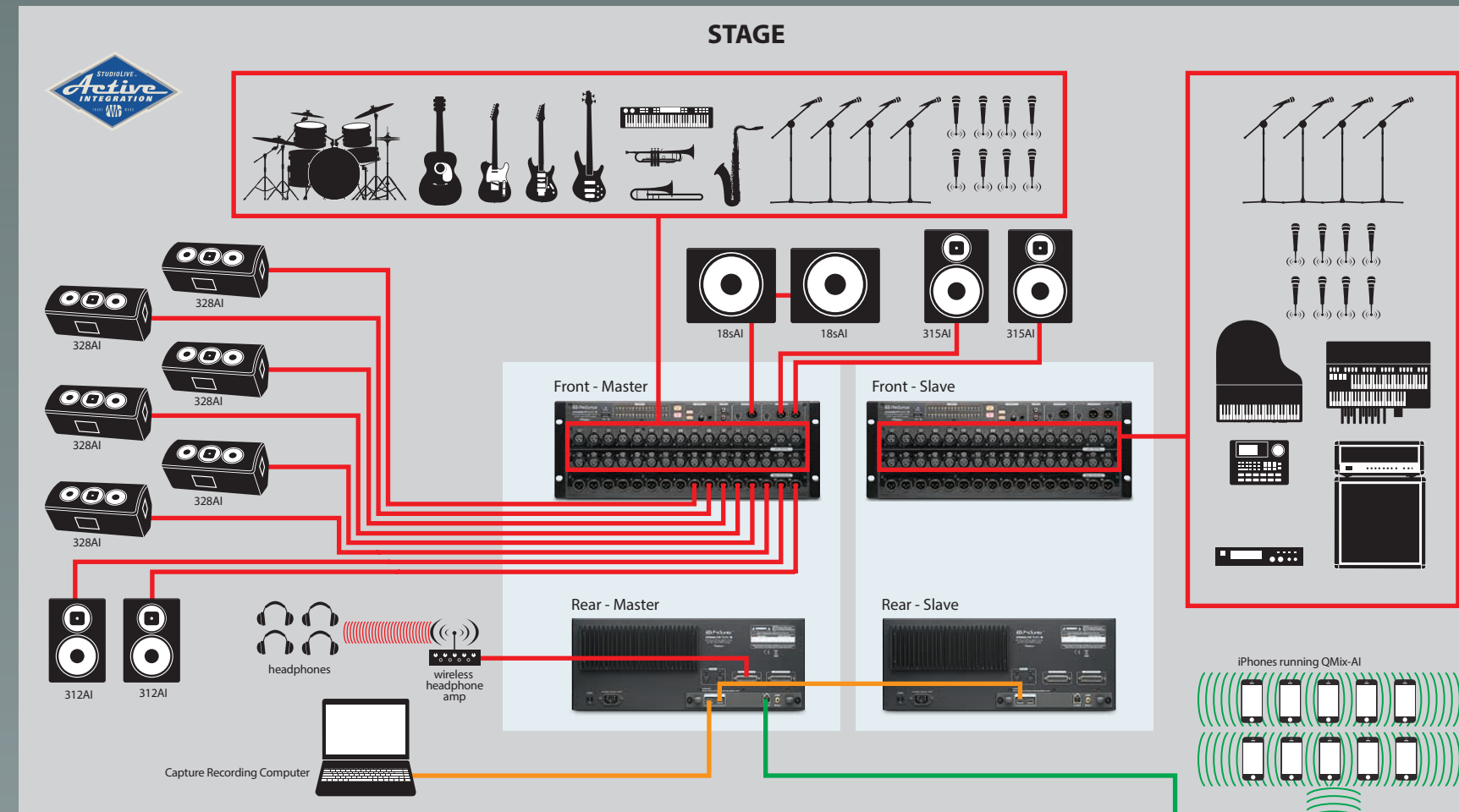


- Bright, in-your-face LED ladders
- Complete Fat Channel section with A/B select (double the processors per channel to match RM Series)
- Talkback section
- Mix/Pan Select
- High-resolution scribble strips
- Select buttons color can be changed to show different instrument groups
- Dedicated Mute and Solo buttons
- 16 100mm touch-sensitive motorized channel faders
- Same footprint as a StudioLive 16.4.2AI to fit numerous 3rd-party racks
- Input/Output/Gain Reduction/Mixes meter select
- 4.3" touch-sensitive LCD display with over forty different screens
- Master Control Section
- Mute Group select
- Effects Select
- Transport Controls
- Flex fader for "drilling" down into Filter DCAs and other adjustments
- Layer and Function select
- Main L/R fader

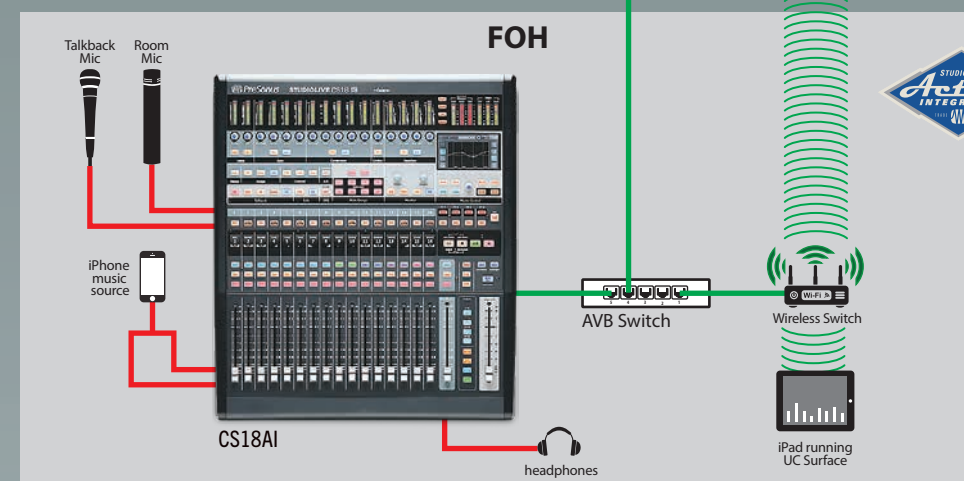
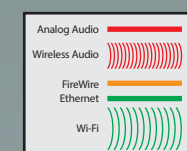
- Active Integration with PreSonus software includes UC Surface™ software for extended 2nd screen workflows and direct Capture™ control
- Studio One® 3 control surface functionality including control over channel faders and automation, Channel Mute, Channel Solo and Solo clear, Channel Select, Channel Pan

- control Scribble strip names, pan indication, and current automation mode, Channel layer navigation, Aux mix and transport control, Automation mode selection, Metering.
- 4 x 2 AVB
- Audio transport control with Marker Shift, REW/FF options

- Analog I/O
 - 2 remote XMAX™ mic preamps for talkback, room mic or other local inputs
 - 2 balanced 1/4" TRS line inputs
 - 2 XLR line outputs
 - stereo headphone output with level control
- Monitor control level control



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CS18AI

18 touch-sensitive,
moving-fader
Ethernet/AVB Control
Surface for StudioLive™

RM32AI

RM16AI

Next-Generation
Digital Mixing Systems

and Studio One® DAW

