Avid S6

Mixing redefined



For over 20 years, Avid® has led the way in mixing innovation, and now it redefines it once again with the all-new S6 control surface. Leveraging the best of the industry-leading ICON and System 5 product families in a revolutionary new modular design, S6 delivers superior ergonomics and intelligent studio control, providing an intuitive, immersive experience for the modern sound engineer. And because it's built on proven technology, trusted by top audio professionals in the most demanding production environments, S6 delivers the performance you need to complete projects faster and deliver the best sounding mixes possible.

S6 highlights

- Customize the surface with only the modules you need for great cost efficiency
- Scale the system from mid- to large-format to match your workflow, with room to grow
- Mix faster and easier with intelligently designed controls, touchscreen, and intuitive layout
- Access and manipulate multiple aspects of your mix through the master touchscreen
- See your mix in a whole new way with detailed visual feedback and professional metering
- Get the deep, integrated Pro Tools® mixing control only Avid can provide
- Extend your control to Logic Pro, Nuendo, and other EUCON™-enabled DAWs
- Experience highly responsive, precision control with high-speed EUCON connectivity
- Control up to eight audio workstations simultaneously—even from across the facility
- Configure, scale, and reconfigure the surface easily through the Ethernet network

Revolutionary modular design

S6 is built to grow with you at every stage of your business—now and in the future. With a first-of-its-kind modular design, you can customize the surface with the modules you need to match your current workflow for the greatest cost efficiency, and scale the surface—horizontally and vertically—as your business grows. Choose a pre-configured S6 M10 or S6 M40 surface with the options you need or, with S6 M40, customize the surface even further with different channel control combinations.

Mix smarter with superior ergonomics

S6 acts and feels like a physical extension of your software, providing a truly intuitive and immersive experience. Turn around projects faster with high-precision editing and mixing control at your fingertips. Quickly access and edit plug-ins, surround panning, and more with the multipoint touchscreen. And see every detail of your mix with unprecedented visual feedback, including waveform scrolling.

Get intelligent studio control

Experience the deep DAW control that only Avid can deliver. Pair S6 with Pro Tools and you gain the Avid advantage of faster workflows, extended visual feedback, and unique features to accelerate your efficiency every step of the way. And extend your control to Logic Pro, Nuendo, and other EUCON™-enabled DAWs, enabling you to mix projects on multiple workstations simultaneously and switch out sessions in seconds—all from a single control surface.

Proven and trusted technology

S6 delivers incredible workflow acceleration, highly responsive handling, and deep DAW integration—all built on proven technology, trusted by top audio professionals in the most demanding production environments. The result: you get the exceptional, dynamic performance you need to deliver your best sounding mix possible—on time, every time.

Avid S6—Build your own surface

Because S6 can be scaled both horizontally and vertically using an array of surface modules, you can configure it with the modules you need now to fit your budget, with room to expand as your needs grow. Choose one of the pre-configured systems or build your own. Here's a look at the various modules and other hardware you can choose.



Master modules—The control surface engines



Master modules are the central hubs of your S6 surface. All surfaces must include a main engine, which provides touchscreen access and control; you have a choice between two—S6 M40 or S6 M10. The S6 Automation Module complements both, providing controls for transport, automation, and more. Here's a closer look at these modules.

M40 vs. M10—The engine you choose dictates the total number of modules you can include in your S6 and impacts its overall size and customizability. Choose the high-performance M40 for large-scale productions that require maximum channels, high-resolution metering screens, and customizability, or the more affordable M10 for productions that need to fit into smaller rooms and budgets.

Both feature a tilting 12.1-inch multipoint touchscreen, eight adjacent rotary encoders, and dedicated knobs and keys for monitoring and global control, enabling you to view, access, and edit different aspects of your mix—such as tracks, processing, and metering—without mousing through menus.

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Main engines	S6 M40	S6 M10
Best for…	High-end professionals and facilities that need great scalability and customizability	Budget-conscious pros and small- to mid-size facilities
Maximum number of modules	41	9
Maximum number of faders	64	24
Maximum knobs per channel	9	5
Number of simultaneous workstations supported	8	2
High-resolution S6 Display Module support	Yes	No
Configuration availability	Pre-configured and custom	Pre-configured, with limited customization



S6 Automation Module—This master module is included in all pre-configured systems, but is an optional add when building your own S6 M40-based surface (though you'd probably want one). It features a full transport control section (including a shuttle/jog wheel), focus fader, automation control, color shortcut displays and switches, a numeric keypad, and more for writing automation and navigating projects.

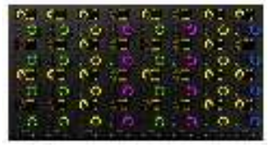
Channel modules—The controls you want and need

Channel modules provide the control and feedback elements you need—from faders and knobs, to processing and metering. All modules feature reliable, high-speed Ethernet connectivity for easy set-up. Whether a pre-configured surface meets your needs or you want to mix and match modules in your own custom creation, here are the modules you can choose:



S6 Fader Module

- Eight motorized faders
- Dual tri-color LED meters per channel (with gain reduction metering)
- Mute, solo, and other switches with color LEDs
- Control levels for eight simultaneous tracks



S6 Knob Module

- 32 multicolor LED top-lit knobs (four per channel)
- 32 OLED displays for labels and visual feedback
- 11 function select switches per channel with color LEDs
- Works in conjunction with the Process Module
- Control up to 32 simultaneous encoder values; stack two Knob Modules (S6 M40-based surfaces only) to get up to nine knobs per channel



S6 Process Module

- Eight multicolor LED top-lit knobs (one per channel)
- 22 function select switches per channel with color LEDs
- Eight OLED displays for labels and visual feedback
- Provides mode selectors for Knob Modules to control up to nine simultaneous encoder values



S6 Display Module

- 8-channel high-resolution TFT display
- Integrated single board computer
- Available only with S6 M40 configurations
- Provides deep visual feedback, including channel names, audio meters, routing, groups, DAW affiliation, scrolling Pro Tools waveforms, and more

Frame components—For desk mixing or freestanding

All modules need to be housed in a frame, whether you place S6 on a studio desk or give it a leg assembly to stand on. Depending on the number of modules you choose, your surface can range from mid- to large-format. There are a number of frame assembly items available, from a full leg assembly to create a freestanding surface, to different size frame buckets and blank panels.



Surface options—Ergonomic extras to personalize your desk





Blank Panel—Cover empty module spaces with a smooth surface

Display VESA Arm—Mount your DAW monitor on the surface with an adjustable arm

Producer's Desk—Integrate a keyboard and DAW display directly into your control surface

Sliding Keyboard Tray—Get hands-on with your computer keyboard wherever you're sitting

Sliding Script Tray—Hold pen, paper, and your personal devices within easy reach

Speaker Bridge Mount—Place speakers in an optimal position with the S6 frame



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COMPATIBILITY

S6 works with the following EUCON-enabled applications (preliminary info, subject to change):

- Avid Pro Tools HD 11
- Avid Pro Tools HD 9/10
- Avid Media Composer® 5.5 and higher
- Avid NewsCutter® 9.5 and higher
- Avid Studio Monitor Pro and Express
- Avid XMON™
- Adobe Audition
- Apogee Maestro 1.9
- Apple Final Cut Pro 7
- Apple Logic Pro 9 and Express 9 and higher
- Apple SoundTrack Pro 3
- Cakewalk Sonar X1 Producer
- MAGIX Sequoia 11 or higher
- Merging Pyramix 8
- Metric Halo MIO Console
- MOTU Digital Performer 7
- Steinberg Cubase 6.5
- Steinberg Nuendo 5.5

PRE-CONFIGURED SURFACES

The following pre-configured S6 surfaces are available to handle most music and post workflows. You can customize any S6 M40-based surface further by adding a Producer's Desk, leg assembly, and/or different channel module combinations.

S6 M40-based configurations

- With 16 faders, 5 knobs per channel, and TFT displays (S6 M40-16-5-D)
- With 24 faders, 5 knobs per channel, and TFT displays (S6 M40-24-5-D)
- With 32 faders, 5 knobs per channel, and TFT displays (S6 M40-32-5-D)
- With 16 faders, 9 knobs per channel, and TFT displays (S6 M40-16-9-D)
- With 24 faders, 9 knobs per channel, and TFT displays (S6 M40-24-9-D)
- With 32 faders, 9 knobs per channel, and TFT displays (S6 M40-32-9-D)



S6 M10-based configurations

- With 8 faders, 5 knobs per channel (S6 M10-8-5)
- With 8 faders, 5 knobs per channel (S6 M10-8-5), plus Producer's Desk
- With 16 faders, 5 knobs per channel (S6 M10-16-5)
- With 16 faders, 5 knobs per channel (S6 M10-16-5), plus Producer's Desk
- With 16 faders, 5 knobs per channel (S6 M10-16-5), plus leg assembly and Producer's Desk
- With 24 faders, 5 knobs per channel (S6 M10-24-5)
- With 24 faders, 5 knobs per channel (S6 M10-24-5), plus Producer's Desk
- With 24 faders, 5 knobs per channel (S6 M10-24-5), plus leg assembly and Producer's Desk



SURFACE MEASUREMENTS

S6 M40-based frame sizes (W x D x H)—without legs or screen displays:

- Minimum (2 x 3 module frame): 26.1 x 35.7 x 5.6 inches (66.3 x 90.7 x 14.2 cm)
- Maximum (9 x 4 module frame): 107.8 x 41.9 x 5.6 inches (273.8 x 106.4 x 14.2 cm)

S6 M10-based frame sizes (W x D x H)—pre-configurations without legs:

- S6 M10-8-5: 26.1 x 35.7 x 5.6 inches (66.3 x 90.7 x 14.2 cm)
- S6 M10-16-5: 37.8 x 35.7 x 5.6 inches (96 x 90.7 x 14.2 cm)
- S6 M10-24-5: 49.4 x 35.7 x 5.6 inches (125.5 x 90.7 x 14.2 cm)

WHAT'S INCLUDED

- S6 surface (a pre-configuration or your own design)
- S6 frame and other accessories (as specified per your pre-configuration or customization)
- XMON S6 monitoring system
- All necessary cabling
- One year of Avid Advantage ExpertPlus support* with Hardware Coverage (includes 7x24 access, priority phone support, advance hardware exchange (next-day), complimentary S6 software upgrades, and more to keep you up and running)

** After one year, you can renew your support plan for continued operational efficiency—and peace of mind.*

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For more information, visit **www.avid.com/S6**

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