

# S5FUSION

Mixing DSP & DAW Tracks in a High Definition World



 Euphonix

# AUDIO POST & MUSIC MIXING

The feature film industry has long understood that high quality surround sound plays an important role in bringing the picture to life. Now that HDTV has arrived, TV stations and audio post houses are starting to realize the need to produce higher quality and more complex programming with an increasing proportion of surround projects.

There is a need for a lower cost audio mixing solution that can handle a large number of tracks with the quality and reliability of DSP channels, professional monitoring, plus the ability to control DAW tracks directly from the console surface. The S5 Fusion digital audio mixing system meets these needs and is the Euphonix solution for this new high definition world.

Derived from the best-selling System 5 series, S5 Fusion is a complete professional mixing package that provides a fusion of Euphonix' new processing DSP SuperCore engine with EuCon Hybrid, a technology that allows the console surface to control its own DSP channels as well as channels from multiple external DAWs simultaneously – the best of both worlds.

S5 Fusion is packed with features including the full Euphonix automation system. Most critically, this new product incorporates years of experience in satisfying the rigorous demands of the film production industry for pristine sound quality and extensive surround sound mixing capability.

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## S5 Fusion

### Control Surface

S5 Fusion includes the System 5 control surface with a new look charcoal finish complete with 24 channel strips, a master module, and a blank module with screen for the eMix software and optional motor joysticks. Each channel strip includes a multi-format moving fader, 8 touch-sensitive knobs for EQ, filters, compressor, expander/gate, aux, pan, and TDM, VST, and Audio Units DAW plug-in control. The high-resolution screens show multi-format metering, track info and routing display.

### New DF66 DSP SuperCore

The new expandable Euphonix DSP SuperCore provides DSP channels each with EQ and dynamics processing, delay, and surround panning to multi-format mix, group and aux busses.

### EuCon Hybrid - DAW Control

What elevates S5 Fusion above other mixing systems is EuCon Hybrid. EuCon is a control protocol developed by Euphonix which allows high-speed Ethernet control of any application. Apple's Logic Pro, Merging's Pyramix and Steinberg's Nuendo all directly support EuCon for the ultimate in control integration. EuCon also supports control of applications such as Pro Tools, Digital Performer and Final Cut Pro.

### I/O

The console's DSP channels and busses are available as 4 MADI ins and outs, including 8 analog and 16 AES/EBU outputs for monitoring via the renowned Euphonix converters. For other formats, choose from the Euphonix range of I/O or any external I/O that supports Core Audio or ASIO including Pro Tools hardware.

### Monitoring

S5 Fusion includes a new digital surround monitor matrix built into the DSP SuperCore with analog and digital speaker feeds.

### Scaleability

Expand the frame, add a further 8-fader module, a central assign sub-master module, plus additional DSP SuperCore cards for over 100 channels of DSP. EuCon Hybrid allows S5 Fusion to control multiple workstations with hundreds of tracks available from the console surface.

### Affordable Package Price

S5 Fusion is specially priced to fit your budget so call your local Euphonix office or distributor for details.

# Mix DSP & DAW Tracks Together

Save channel strip assignments as 'Layouts' for easy recall

Euphonix DSP SuperCore



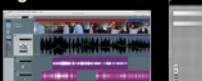
DSP

Pro Tools - Mac G5



DAW  
Tracks

Logic Pro - Mac G5



EuCon Control  
Via Ethernet

Nuendo - PC



DAW  
Tracks

Pyramix - PC



DAD AX24  
Converter/Mic Pre



MIC  
Pre



# The S5 Fusion Package

All-In-One Price



S5 Fusion comes as a complete package that can be expanded at any time in the future...

## Control Surface:

- 401 Master Module
- 3 x 408 8-Fader Modules (24 faders)
- 411 module with screen for eMix (motor joystick optional)
- S5 Fusion Frame

## DF66 DSP SuperCore with SP662 DSP Card:

• 1 card included for ..	2 cards...	3 cards...
38 Channels	78	108
12 Mix Busses	24	32
4 Aux Busses	8	16
4 Group Busses	8	8
6 Bus Processors	6	8

## New SC264 Studio Computer:

- eMix file management and PatchNet software
- Full Euphonix mix automation software
- EuCon Hybrid DAW control application capable of controlling up to 5 workstations
- New digital monitoring system
- RS422 port machine control & MMC port

## I/O:

- 4 MADI ins and 3 MADI outs - 224x168 channels @48KHz
- MADI out to Euphonix MO705 converter (8 analog, 16 AES/EBU) for monitors
- Additional Euphonix digital and/or analog I/O can be added or system can be used with 3rd party I/O



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