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# SYSTEM 5 DIGITAL

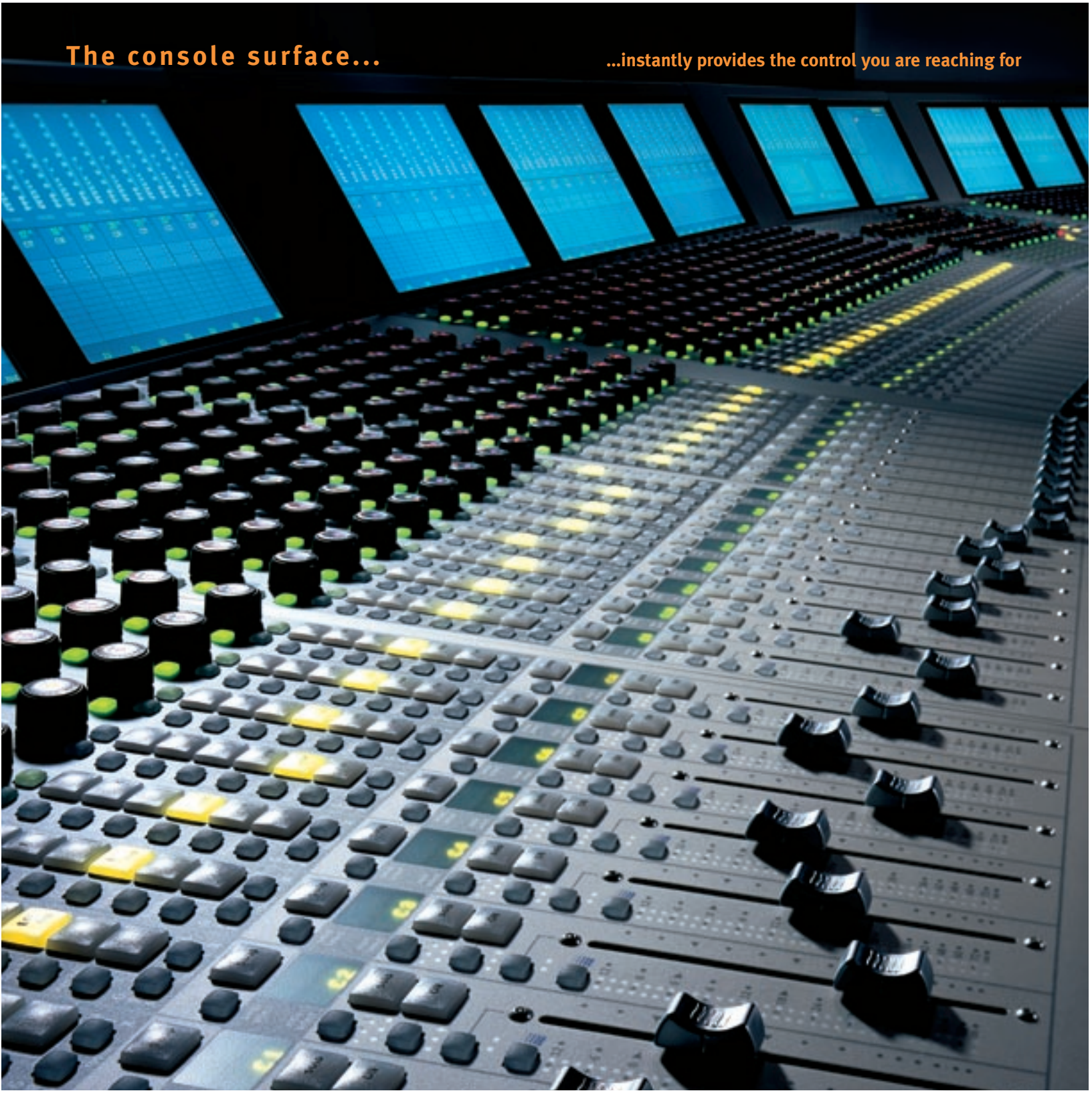
## High-Performance Digital Audio Console

Euphonix

HIGH PERFORMANCE AUDIO SYSTEMS

## The console surface...

...instantly provides the control you are reaching for



**...always shows "the big picture" of your mix**

## Simple Elegance

System 5 provides a substantial increase in audio processing, surround sound and automation features over the last generation of world-class consoles. This breakthrough required a solution to a challenging problem that faced the audio industry over the last decade. *How can we add more features and automation to a control surface and still keep it manageable and easy to use?*

Mechanically-controlled analog consoles have reached a physical size limit and are unable to provide the increasing amounts of processing and automation features that are demanded by industry professionals. Some digital consoles promised more processing and automation features but eliminated important attributes of analog console user interface.

**With System 5 Euphonix introduces a new generation of high-performance digital consoles that allow users to move beyond the limitations of the past without giving up traditional working methods. The result is a console you already know how to use, that sounds fantastic and expands the possibilities for creative audio control and automation the minute you take the driver's seat.**

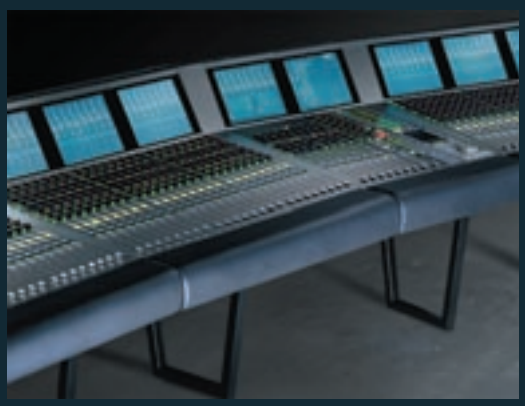
### Revolutionary Digital Knob

*Top-surface pointer easily viewed from all angles*

### Unique Knob-Function Selectors

*Choose knob functions for each strip*

*Dedicated in/out switches for all channel signal processing*



### Information-Rich Flat Panels

*High-resolution metering, graphical signal processing feedback and routing status*

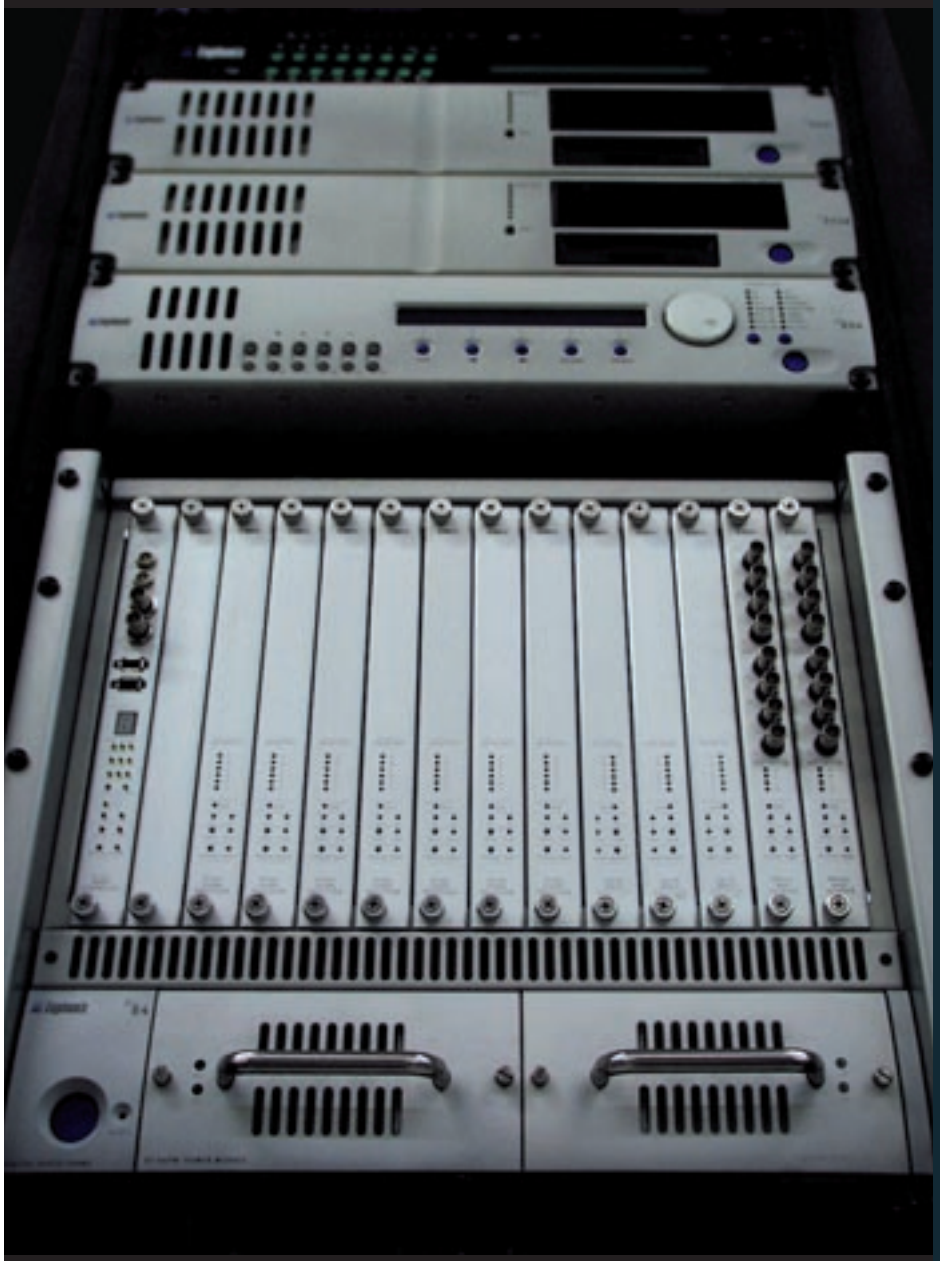
### Traditional - Style Layout

*Every control where you expect it to be*

### Creature Comforts

*Short reach to controls, precision pots and faders, Swiss leather wrist pad*

# Massive Processing Power



The Audio Processing Core

Operate at 96k for super-digital sound, better performance with analog outboard gear, or for DVD-audio recording and mixing

**96kHz, 48kHz, or 44.1kHz**

**You choose**

**Dedicated Channel Processing...**

...for dynamics, EQ, filters, aux sends, and panning on every channel

More processing per channel than previous generation world-class consoles

Up to 48 group, 48 mix, 24 aux, and 22 monitor buses

**Flexible Bus Configurations**

**Powerful Multi-format Monitoring**

All popular formats (mono, stereo, LCRS, 5.1, 6.1, 7.1)

Multiple formats simultaneously, with convenient fold-down simulation for each

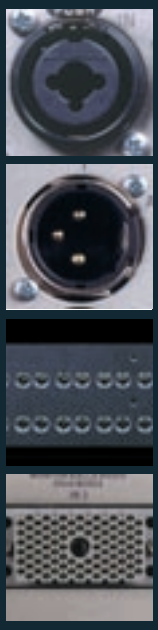
Patch any console or device input/output to any other in the digital domain. Patches store and recall with titles

**Comprehensive Digital Patch Bay**

**Totally Re-programmable**

40-bit floating point processing is software-based providing unlimited potential for future development

## Audio interfaces for the analog world



Microphone

Instrument

Line

Speaker

TT patch

Multi-pin

**Premium Quality • 24-Bit • 96kHz • 48kHz • 44.1kHz • Conversion**

## Audio interfaces for the digital world

S/PDIF

AES/EBU

- *auto sample-rate conversion*
- *bit-depth reduction*

MADI

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Euphonix
HIGH DEFINITION AUDIO

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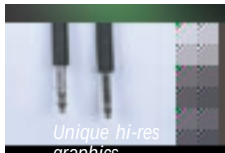

Unique hi-res graphics displays for every strip

## Input

Precision knobs with hi-visibility position pointers

Dedicated in/out keys for each signal processing function

100mm precision motorized fader

- channel input control for A & B inputs
- strip automatic-ally presents analog mic-line controls when remote amps are used
- user-defineable signal path order

## Dynamics

- combination Exp/Gate and Cmp/Lim on first 8 knobs
- expand dynamics control to 19 knobs when needed
- sidechain controls for peak/RMS type, filter, key, and listen

## EQ & Filters

- 4-band fully parametric EQ with peak/shelv on hi and lo bands
- 2 filters: each hi-pass, lo-pass, band-pass or notch types

## Aux Sends

- up to 24 aux sends
- each configurable for pre/post
- mono or stereo pairs