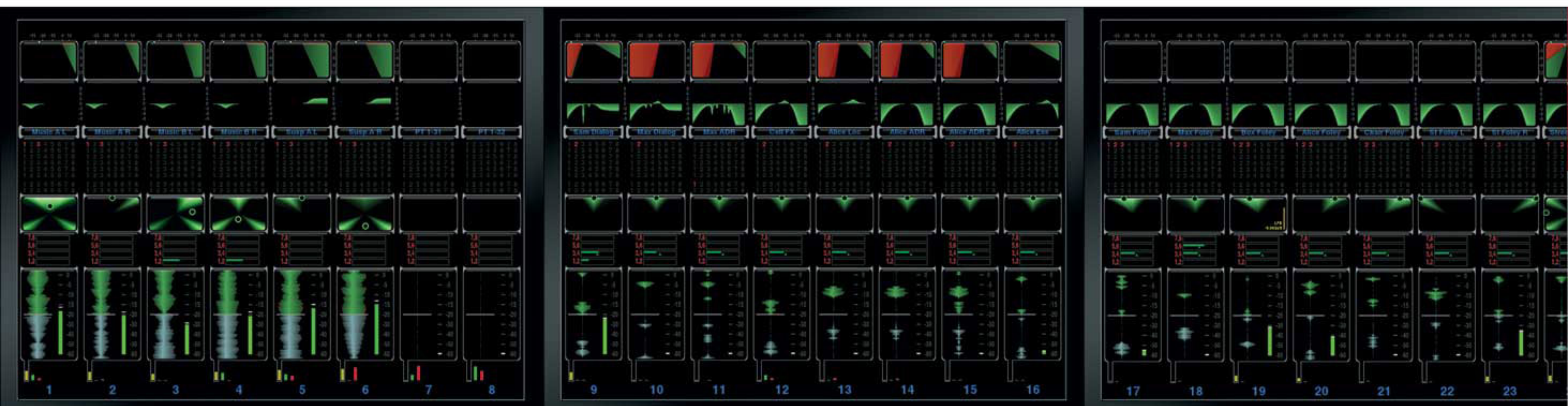


Motion Picture Console



***Created by Film Mixers
for Film Mixers!***

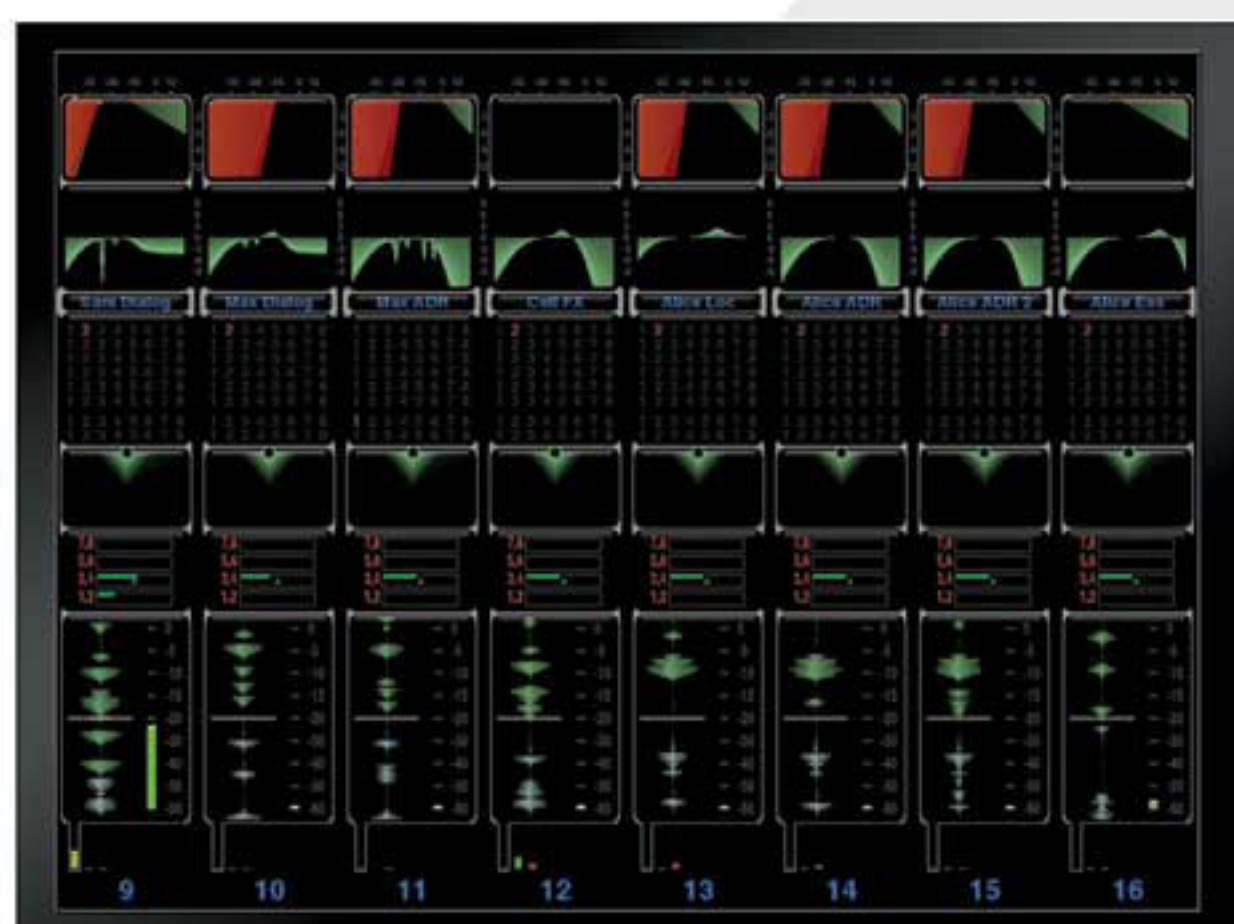




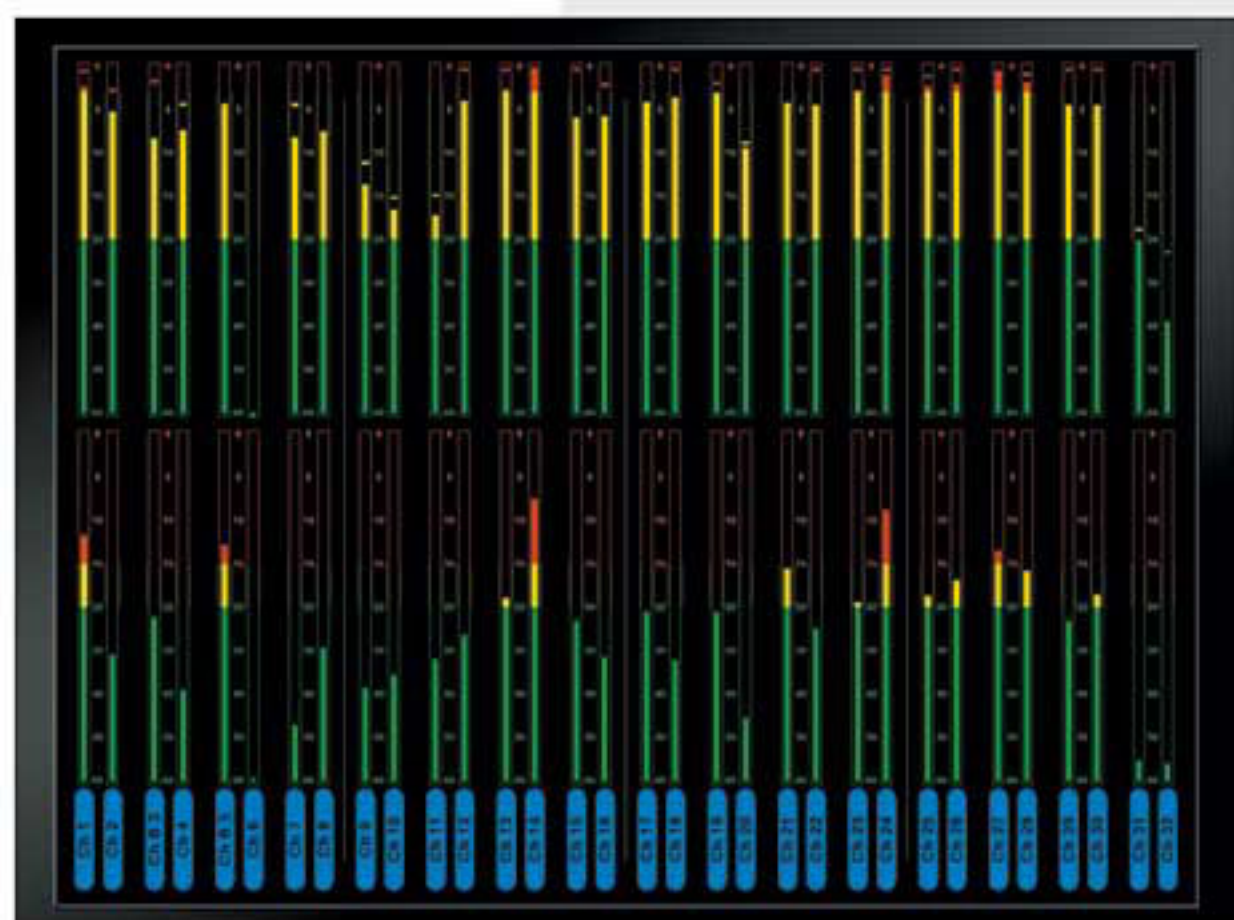
The Motion Picture Console Created by

HARRISON EXCLUSIVES

- Waveforms on Every Channel
- 64 Dedicated Bus Limiters
- Exclusive End-to-End, 40-Bit, Floating Point, Wide Pipe Signal Processing
- Each Channel has A and B Inputs
- 2240 x 2240 Router
- 16-Wide Panning and Monitoring
- Integrated Audio Looping
- Control of Outboard Gear
- Multiple and Scalable PEC/Direct Panels (56 Typical)
- Scalable Monitor Inputs (160 Typical)
- SRC AES Inputs and Outputs
- Critically Positioned Monitor Inserts
- 176 Busses
- Full Processing on Every Channel
- DTC (Digital Tools Card) with Film Specific Plug-Ins



Channels Screen with PreView Waveform Meter



Meters Screen

WIDE-VIEWING ANGLE GRAPHICS

- See every channel's parameters from any position
- All channel parameters displayed simultaneously
- Metering available for all channels at all times

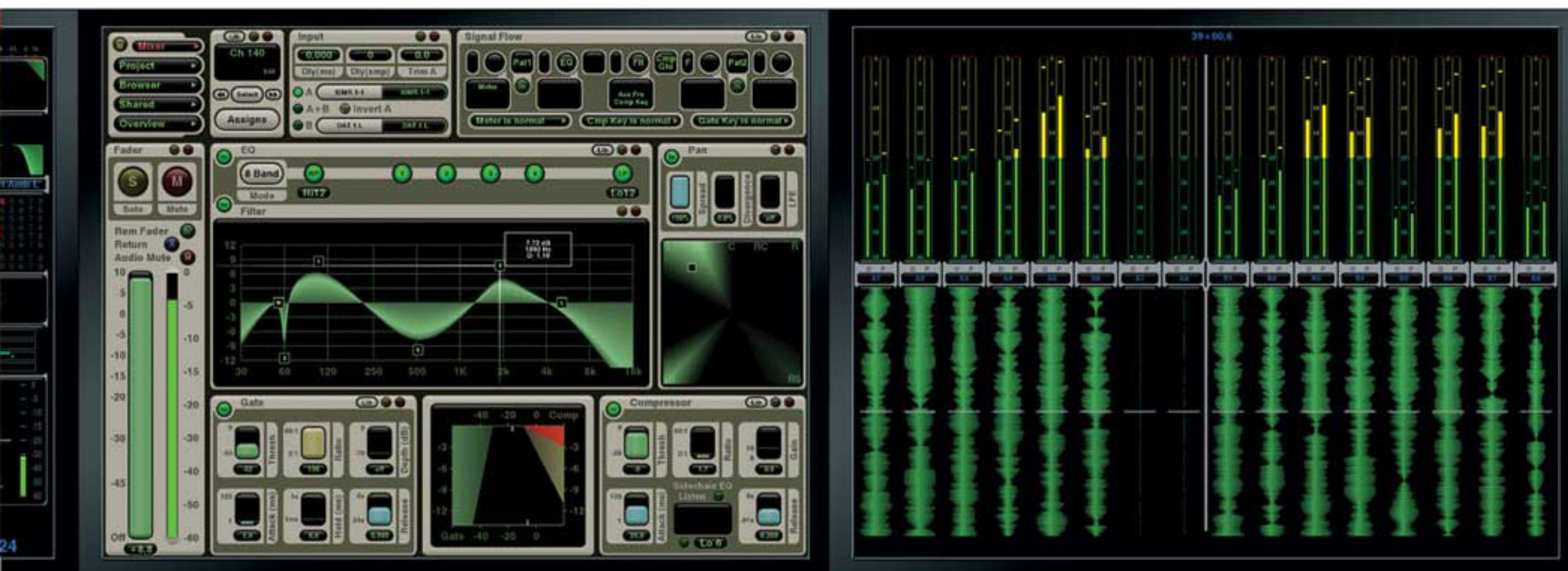
PREVIEW™ WAVEFORM DISPLAYS (patent pending)

- 10 seconds preview waveform
- 10 seconds history waveform
- Substantially reduces mixing time (**up to 25%**)
- NO DAW or DAW monitors required



"The PreView display has enabled us to cut mixing time by at least 25%! It's fantastic!"

— Roger Savage, Soundfirm, Oscar Nominated, 2 Time BAFTA Winner, 10 Time AFI Winner for Best Achievement in Sound



"With IKISdirect, I can throw away that #@!% Pro Tools screen!"
 – Ian McLaughlin, Soundfirm



Universal Studio's Hitchcock Theater



Film Mixers for Film Mixers!

MPC4-D™ AND THE IKIS™ CONTROL SYSTEM

- High-speed, intuitive, PCI interface
- Familiar Harrison automation
- Reliable, bulletproof operation

DAW CONTROL VIA IKISdirect™

- Control Pro Tools directly with the MPC4-D channel faders.
- Control Pyramix directly with the MPC4-D

- Control console channels, Pro Tools channels, and Pyramix channels simultaneously.
- Control Nuendo - coming soon.

PROFILING AND SWEET SPOTS

- Create "Profiles" for console layouts and "Sweet Spots" for spilling linked channels.
- Profiles can be stored, automated, and accessed at the touch of a button.
- Profiling allows limitless ways to map channel strip controls to digital channels and to store with a project for future use.

"As a freelance mixer, I've had the opportunity to work on every major film console in Hollywood. The new MPC4-D is, by far, the fastest, most efficient, and most reliable console I've ever worked on. The unique special features and user-friendly ergonomics allow the mixers to focus more of their working time on the artistry and quality of the end product, without the distractions of the 'heads-down' console operations so common with other consoles."

– Rick Kline, 10 Time Oscar Nominated, 2 Time BAFTA Award Winner for Best Sound

BUS LIMITERS

- 32 "Look Ahead" limiters per card.
- Integrated in the console signal processing for full recall and automation.
- Additional Limiter Cards can be installed.
- Link Limiters for stereo, 3 way, 5.1 or any combination of multi-channel limiting.
- Transparent 40-bit processing.

"I was impressed with the efficiency of the bus limiters while maintaining the integrity of the mix. Clearly, Harrison is my favorite mixing console ever."

– Greg P. Russell, Sony Pictures
 BAFTA and 9 Time Oscar Nominated

"Our mixers love it. The sound is superb. Harrison is the best console decision we have ever made."

– Ed Ballard
 Deluxe | Sound and Picture of Toronto



true audio mixing

40-bit processing throughout

Mirrored Computer
Ne

LESS IS MORE

- Less keystrokes for critical functions, more time for creativity
- Efficient, traditional design
- A working environment that eliminates redundant paging, and multiple button pushes for basic function execution
- This level of precision - provided **ONLY** with Harrison

INPUT CHANNELS

- Dedicated knob per function control via concentric knobs
- Traditional easy to use layout

MONITOR, ROUTING, AND AUTOMATION PANEL

- Consolidated control layout
- Saves space and money
- Monitoring, Macros, Routing, Automation all controlled from a single control area

PEC / DIRECT PANEL

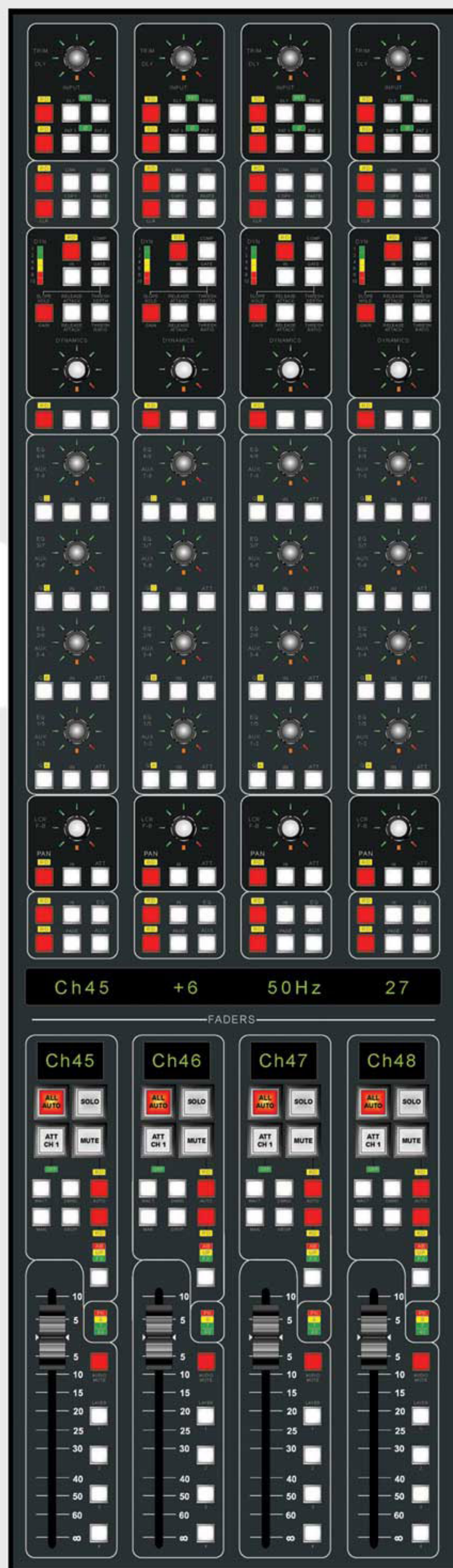
- Controls up to 112 virtual PEC / Direct switches
- Up to 8 PEC / Direct Panels can be fitted in a single console
- Full multi-operator functionality

MOTORIZED JOYSTICK PANNING (patented)

- Single or dual joysticks available
- Touch write panning automation
- Motorized playback of all panning moves

"The MPC4-D is an awesome piece of audio engineering. Intuitively thought out, and well crafted...."

— Orest Sushko
Emmy Award Winner



Input Controls

- A and B Inputs, Delays, and Trim

Channel Controls

- Copy and Paste
- Link and Link Isolate

Dynamics Section

- Compressor & Gate on Every Channel with Side Chain EQ

EQ and Aux Section

- 8-Band EQ
- Notch Filters
- HP/LP Filters
- Shelving EQ
- Up to 32 Aux Sends

Panning Section

Trim / Delay, Pan / Dynamics, EQ and Aux Sends Display

Local Automation Mode Selections

Dedicated Channel Faders

Layer / Profile Controls

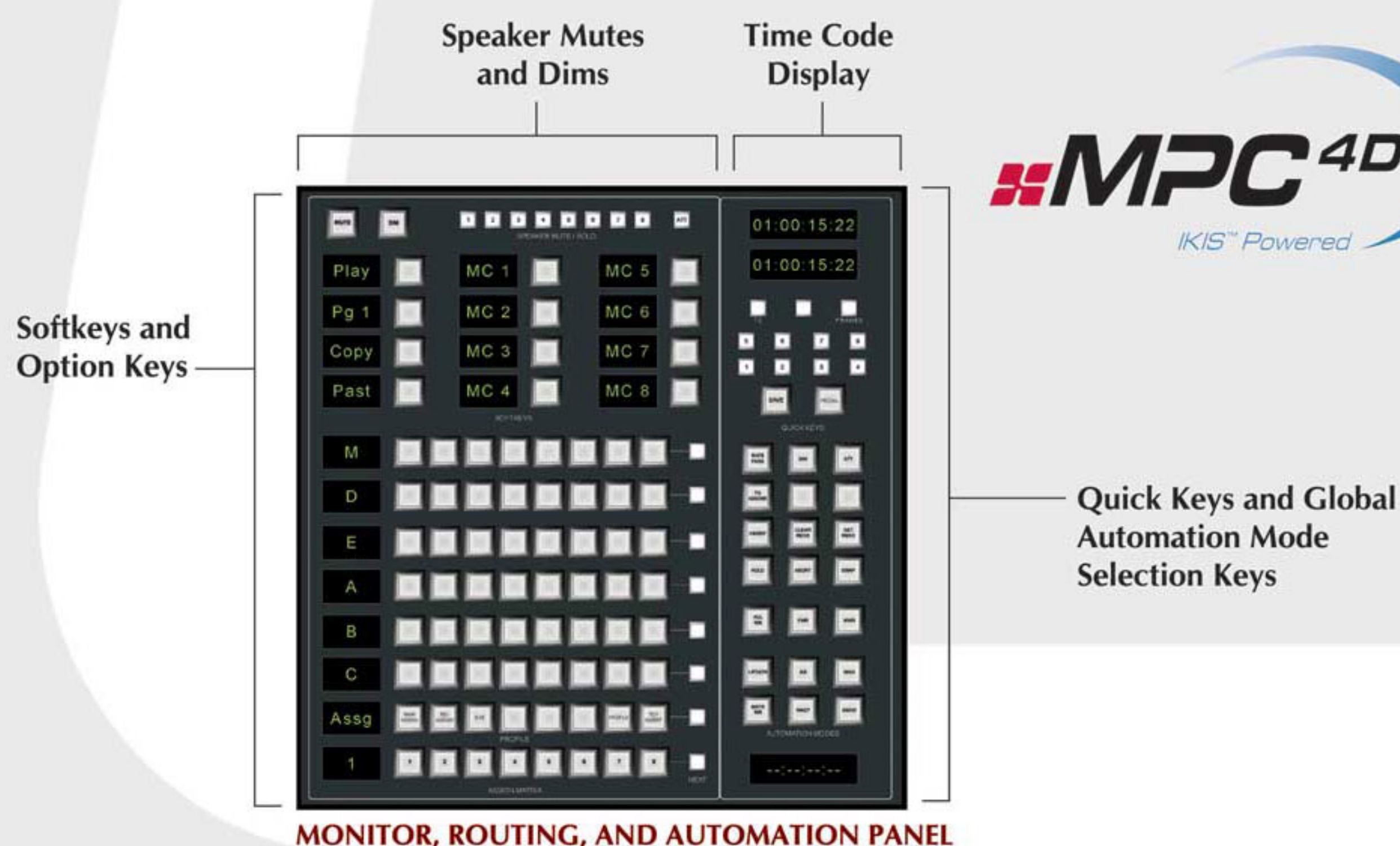
INPUT CHANNELS



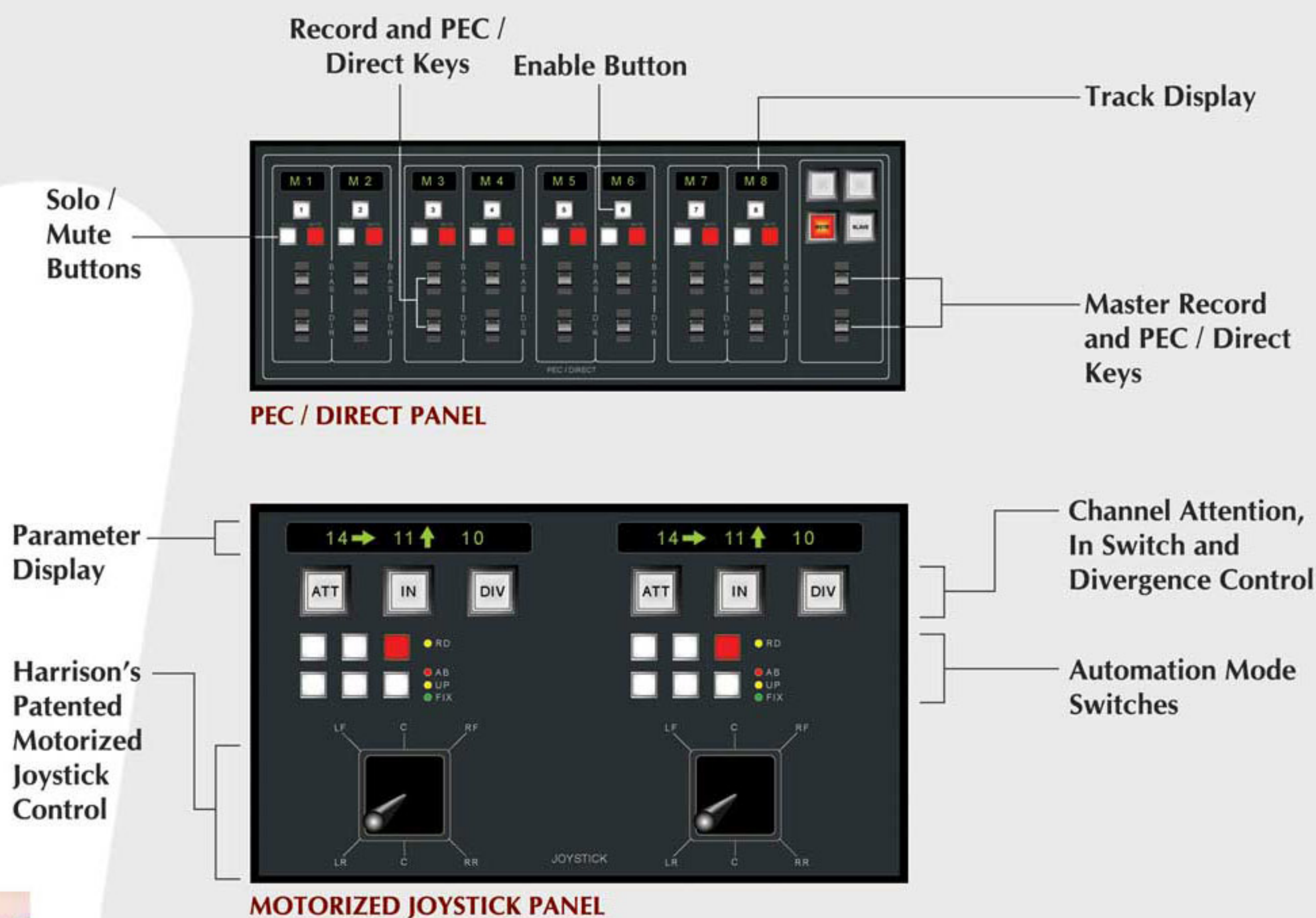
Computing™ PreView™ Screens Networking resource sharing



"One of the most beautiful looking consoles ever built..."
— Audio Media Magazine, Nov '04 issue



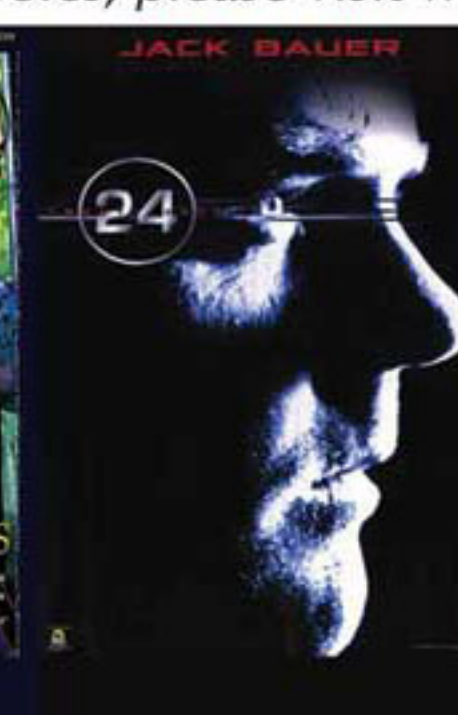
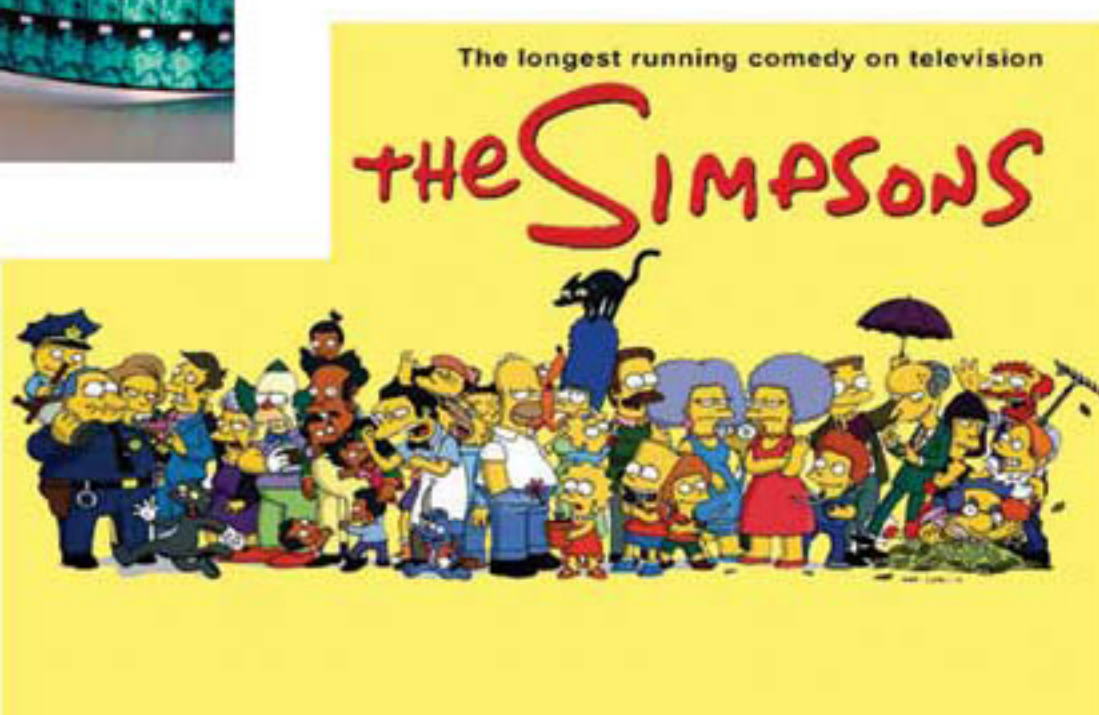
HFF's "Konrad Wolf" Studio in Germany



"...combines all the advantages of the tried and true analog MPC with a digital signal path. I recently mixed Sahara... and found the console extremely reliable, allowing clean undistorted audio at high output levels..."

—Leslie Shatz
Oscar Nominated Film Mixer

For a broader listing of movies mixed on Harrison consoles, please visit www.harrisonconsoles.com

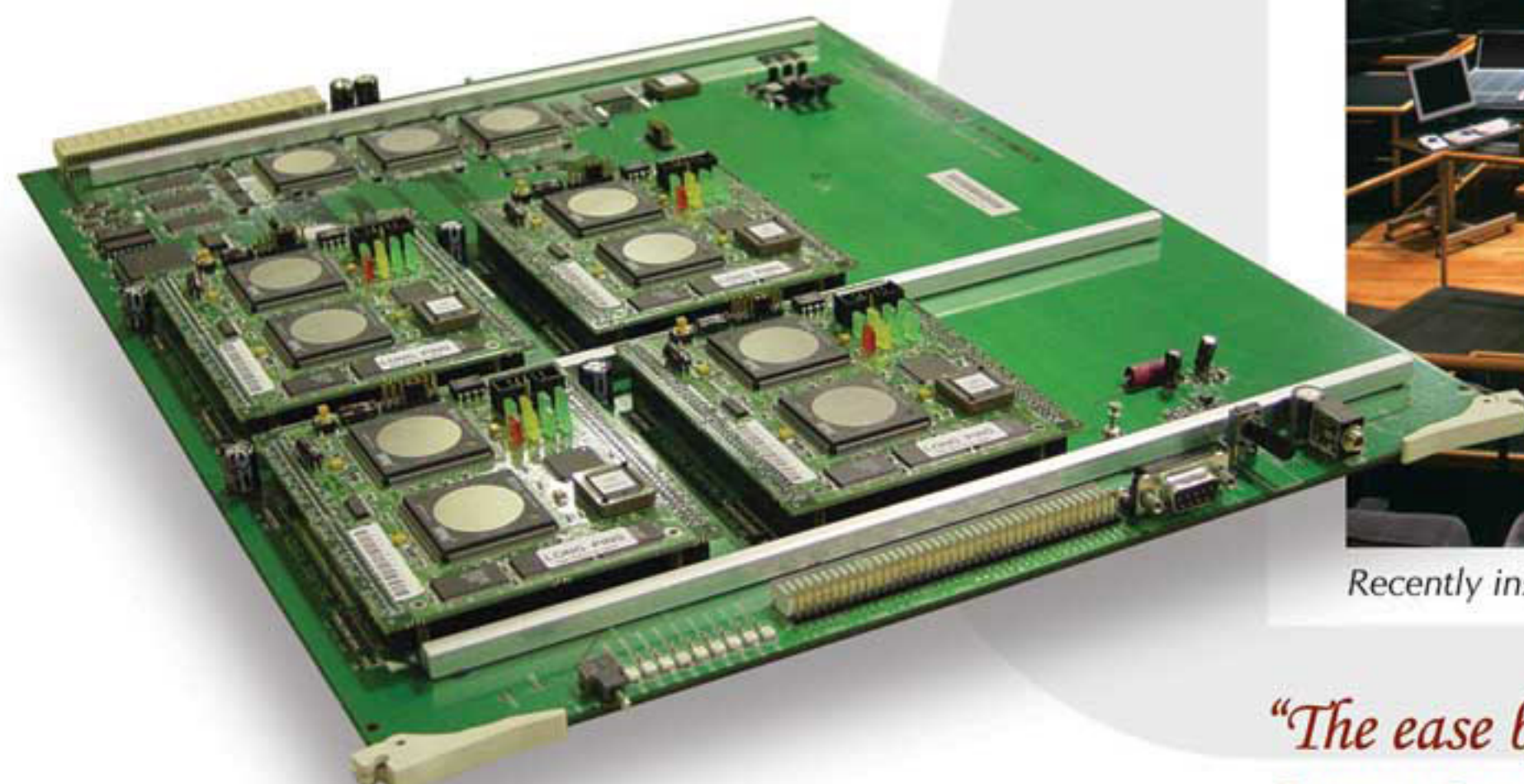


true audio mixing 40-bit processing throughout

MirroredCompu
Ne

DTC™ (DIGITAL TOOLS CARD)

- Unique powerful audio manipulation
- Provides a full suite of film specific plug-ins
- Fully automated
- 40-bit floating point processing



Bus Limiter Card with four preinstalled processors accommodating eight plug-ins.



Recently installed Harrison MPC4-D console at Universal Studio's Hitchcock Theater

"The ease by which I can manipulate sound using the Profiling and Sweet Spot features on the Harrison MPC4-D is extraordinary..."

— Greg P. Russell, Sony Pictures
BAFTA and 9 Time Oscar Nominated

HARRISON'S FILM SPECIFIC PLUG-INS



DTC™ Crossover EQ Filter Screen



DTC™ Dialog Messenger Screen



DTC™ Harmonic Notch Filter Screen

Trainable Denoiser

Use more production sound by holding down background noise. **Save time and money on ADR.**

Crossover EQ

A level sensitive EQ with a gentle transparent crossover. Crispens quiet and muffled dialog or tone down the shrieks.

Leveled EQ

A simple-to-use level sensitive EQ. Slide seamlessly from one EQ setting when it's quiet to another when it's loud.

Telephone Filter

The classic telephone sound plus hiss, crackle, distortion, and fading keyed to the dialog. It's all you'll ever want from a telephone effects unit.

Dialog Massager

A 4-band level sensitive EQ to get in real close and bring piercing dialog back under control.

Sub Harmonic Synthesizer

"Beef up" the rumble track. You hear it, now you can feel it!

Multi-band Compressor

When the meters are hitting red and the director says, "Make it louder!"

Multi-band Expander / Denoiser

Take out troublesome traffic noise, hiss, or jet roar without losing intelligibility.

Stadium Simulator

Get those hard and reverberant stadium horns in a single effects unit.

Insert Point

In or out switching of external effects patch. A Swiss army knife of useful EQ, delay, and trim controls.

Linear Phase EQ

An unbelievably smooth sounding EQ.

DeEsser

Optimized to take out sibilance and leave behind clean and sparkling dialog.

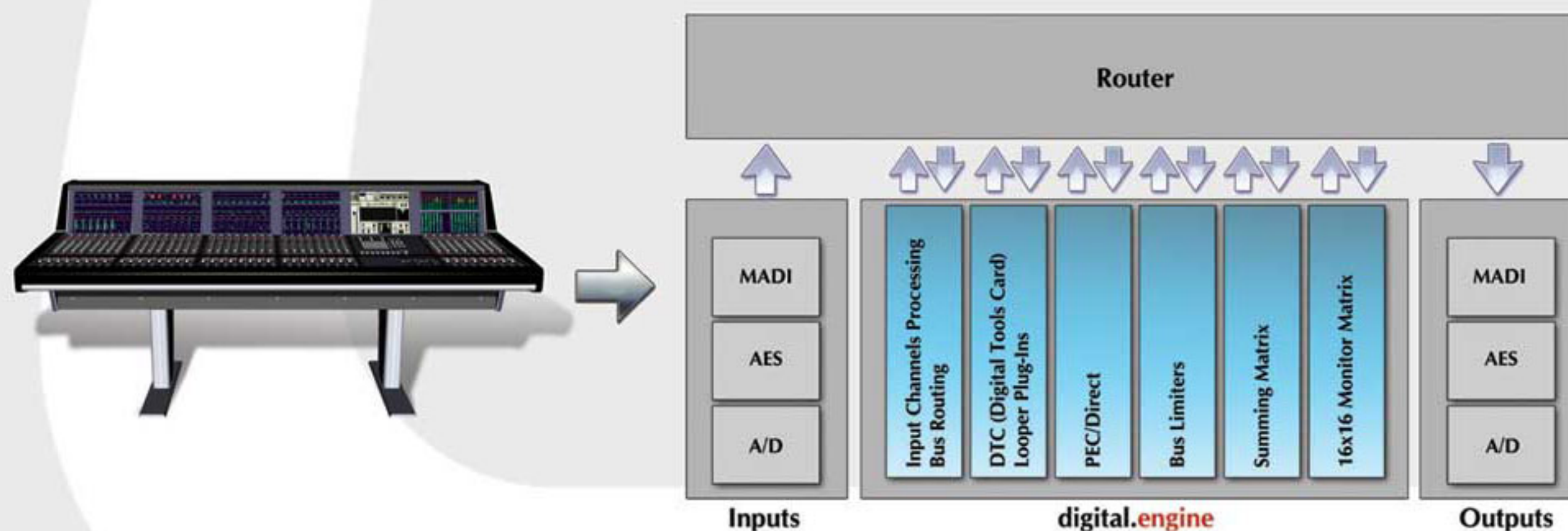
Harmonic Notch Filter

A dynamic dip filter optimized to take out whining or buzzing noises, specifically locates **camera noise**.

Computing™ PreView™ Screens Networking resource sharing

HARRISON'S DIGITAL.ENGINE™

The digital.engine consists of three separate sub-systems (the Core, the Master Computer, and the I/O) that, when combined, allow for both analog and digital signal processing solutions.



- 40-bit floating point processing throughout
- MirroredComputing™ for fail-safe operation
- Flexible I/O (Analog, AES with sample rate conversion in or out, ADAT, TDIF)
- Large scale MADI router (up to 2240x2240)
- 176 console-wide busses
- Dedicated channel processing (NO allocated processing)
- Complete signal processing EQ, Dynamics, Routing, and Panning on every channel at all times.
- 384 channels per engine (multiple engines available)

BUILT TO LAST!

- Only the best goes into the MPC4-D.
- Crafted to ensure reliability and top quality for many years.

**"If you're not mixing on a
Harrison, you're working too hard!"**

— Kevin O'Connell, Sony Pictures
17 Time Oscar Nominated for Sound Mixing

www.harrisonconsoles.com

PreView Waveform Display

- Pre and Post Waveform Display Metering
- Variable Waveform Preview
- Variable Waveform History (Postview)
- Waveform Follows Channels

TFT Display Per Strip

- Per Strip Complete Function Display
- Input Meters for All Channels at Once
- Pan / Joystick Position Display
- EQ Curve Display
- Dynamics Display (Gate and Compressor)
- Bus Routing Display
- Aux Send Display
- PreView Waveform with History Window
- Shown per Strip at All Times

Profiling (Fader/Channel Mapping)

- Film, Post Layouts with 16 Faders to 160 Faders and Beyond
- Traditional Strip Design
- Single or Multiple Master Sections
- Single or Split Automation Controls
- Cross Section Functionality
- Dynamic Channel Mapping

TFT Control / Display Metering

- Drag and Drop Channel Access
- Profiling (Dynamic Fader Mapping)
- Expanded MADI Router Control
- Complete Channel Processing Overview
- 256 Channel Meters on a Single Screen
- PEC / Direct / Difference Metering
- Phase Meter
- 112 Bargraph Meters on a Single Screen
- Multiple TFT Options
- Satellite TFT Control (Machine Room)

Interfaces

- SRC on AES Inputs/Outputs (Optional)
- A/D and D/A 24-Bit (96k), also ADAT, TDIF
- MADI Router Standard Up to 2240 x 2240

Digital Processing

- 8-Band EQ's on All Channels
- Compressor with Side Chain EQ
- Noise Gate
- Programmable Panning Modes
- Automatable, Variable Channel Signal Flow
- Multiple Input Sources
- Scalable Bussing Architectures

Digital Processing (...continued)

- Libraries for Each Function
- Extremely Low Latency
- Time Aligned Processing Throughout
- Processing Does Not Effect Latency

Bus Limiter Card

- 32 Bus Limiters per Card
- Film Specific Plug-Ins

Monitoring

- Up to 16-Wide Panning and Monitoring

Automation

- Write / Read in Any Direction at Any Speed
- Real-Time Mix Editing
- Combined or Sectional File Handling
- Serial Track Arming
- Drop (Glide) Automation on All Knobs
- Programmable Softkeys
- EDL Import
- Recall Isolate
- Quick Keys
- Library Recall
- Write to DAW Automation

motion picture **Console**

Harrison by GLW, Inc. • 1024 Firestone Parkway • Nashville, TN 37086 • PH: +1(615) 641-7200 • FX: +1(615) 641-7224

The Motion Picture Console

Created by Film Mixers for Film Mixers!

- Reliability
- Speed
- Ease of Use
- Power
- Fidelity
- Service
- DAW Control
- Flexibility
- Multi-User Control
- 16 - 160 Faders
- Future Proofed