

ELITE+

Digital Controlled Analog Production System

Versatility, Affordability and Performance finally meet in one package. Elite+ is Otari's most fully featured large-format, 24-bus digitally controlled analog console.

Designed to meet the stringent requirements of 5.1-channel Surround Sound audio production. Elite+ is available in a variety of configurations and options, including up to three-position topologies, making the system equally at home in music, post production and film-dubbing environments.

World-class Mic Pre-Amps, EQ and Dynamics on each channel reduce the need for outboard gear, as well as allowing repeatable and automated control over all mixing functions.

User-friendly Eagle Automation dynamically automates Faders, Switches, Joysticks and Snapshots.

Otari's proprietary Image Recall System enables input-module settings to be stored at the touch of a button. An LED-guided Nulling System enables fast and accurate recall of virtually every input-module parameter.

Elite+ provides the familiarity of a traditional analog mixing console with all of the power and features of digital control and timecode automation at a price/performance level that no other manufacturer can offer.

SYSTEM HIGHLIGHTS :

- Digital control of analog signal paths.
- Dynamic and snapshot automation of all faders and primary switches.
- Image recall of all console parameters.
- Dual-path I/O module design.
- Direct Pan - 5.1 Surround Sound panning capabilities.
- Dual, symmetrical 4-band EQ sections.
- Comprehensive digital metering and status indication.
- VCA automation standard; optional moving faders on both lower and upper fader banks.
- Standard M-Mon Surround Monitoring System for Music and basic Post Production surround-sound mixing.
- Optional PicMix Monitor provides surround-sound monitoring for advanced Post and Film applications.



continued on back

ELITE + SPECIFICATIONS:

INPUT IMPEDANCE

(Electronically Balanced)

| | |
|-------------------|---------------|
| Microphone | 2 k Ω |
| Line Level Inputs | 40 k Ω |

ALL OUTPUTS

(Electronically Balanced)

| | |
|---------------|-------------|
| Impedance | 50 Ω |
| Nominal Level | +4 dBu |
| Maximum Level | > +26 dBu |

MAXIMUM GAIN

(Source to Track or Stereo Bus)

| | |
|------------|-------|
| Microphone | 88 dB |
| Line | 27 dB |
| Tape | 12 dB |

FREQUENCY RESPONSE

(At Nominal Level, Filters and EQ Out)

| | |
|-----------------------|--|
| Line to Track Bus Out | 10 Hz - 20 kHz, +0/-2 dB 10 Hz - 90 kHz, +0/-3 dB |
| Mic to Insert Out | 20 Hz - 20 kHz, +0/-25 dB |

BUS NOISE

(20 Hz - 22 kHz, No Weighting, Absolute Reading, Input Termination 600 Ω)

| | |
|---|-----------|
| Track and Stereo Buses (1 Path Assigned, Unity Gain) | > -86 dBu |
| Track and Stereo Buses (16 Paths Assigned, Unity Gain) | > -72 dBu |

MICROPHONE NOISE

(20 Hz - 20 kHz)

| | |
|------------------------------|------------|
| EIN 70 dB Gain, 200 Ω | -128.5 dBu |
|------------------------------|------------|

DISTORTION

(THD + Noise, 20 Hz-20 kHz, +4 dBu to +26 dBu)

| | |
|--|--|
| Line or Tape In to Track or Stereo Out | < 0.01% (VCA) < 0.006% (VCA Bypass) |
|--|--|

CROSSTALK

| | |
|----------------------|--|
| Between Track Buses | > -100 dB (1 kHz) > -85 dB (20 kHz) |
| Between Stereo Buses | > -95 dB (1 kHz) > -75 dB (20 kHz) |

CURRENT DRAW

| | | | |
|-----------------|-------|-----------------|--------------|
| (Basic Console) | C3232 | 860 VA Typical | 938 VA Max. |
| | C4040 | 1062 VA Typical | 1158 VA Max. |
| | C4848 | 1265 VA Typical | 1380 VA Max. |



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