

01V96i

Outline

Mixing capability

Mixing channels

32 Mono + 4 Stereo

GROUP

8

AUX

8

MAIN

Stereo

Input channel functions

Gate, Attenuator, 4-band PEQ, 2x Compressor, Delay, Pan

Output channel functions

Attenuator, 4-band PEQ, Compressor, Delay

On-board processors

4x SPX multi effectors

I/O

Mic inputs

12

Phantom power

+48V DC; ON/OFF per 4ch

Line inputs

2x Stereo, 2x 2tr in

AD converter

24-bit; 128-time over sampling

01V96i		
	Line outputs	Stereo output, Monitor output, 4x Omni output
	DA converter	24-bit; 128-time over sampling
	Digital I/O	ADAT (8-in/8-out), 2tr in/out
	Expansion slots	Mini-YGDAI (16-in/16-out)
	Control and others	To Host(USB), MIDI, Word clock I/O
General specifications		
Internal processing		32bit, Accumulator: 58bit
Sampling frequency rate	Internal	44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz
	External	44.1kHz/88.2kHz (-10%) - 48kHz/96kHz (+6%)
Signal delay		Less than 1.6ms CH INPUT to STEREO OUT (@Sampling frequency = 48kHz) / Less than 0.8ms CH INPUT to STEREO OUT (@Sampling frequency = 96kHz)
Total harmonic distortion		CH INPUT to STEREO OUT: Less than 0.05%, 20Hz to 20kHz @+14dBu into 600Ω / Less than 0.01%, 1kHz @+24dBu into 600Ω (@Sampling frequency = 48kHz) / Less than 0.05%, 20Hz to 40kHz @+14dBu into 600Ω / Less than 0.01%, 1kHz @+24dBu into 600Ω (@Sampling frequency = 96kHz)
Frequency response		CH INPUT to STEREO OUT: 0.5, -1.5dB, 20Hz - 20kHz @+4dBu into 600Ω(@Sampling frequency = 48kHz) / 0.5, -1.5dB, 20Hz - 40kHz @+4dBu into 600Ω(@Sampling frequency = 96kHz)

01V96i		
Dynamic range		110dB typ. DA Converter (STEREO OUT) / 105dB typ. AD+DA (to STEREO OUT) @fs=48kHz / 105dB typ. AD+DA (to STEREO OUT) @fs=96kHz
Hum & noise level	Equivalent input noise	-128dBu Equivalent Input Noise.
	Residual output noise	-86dBu residual output noise. STEREO OUT: STEREO OUT off. / -86dBu (90dB S/N) STEREO OUT: STEREO fader at nominal level and all CH INPUT faders at minimum level. / -64dBu (68dB S/N) STEREO OUT: STEREO fader at nominal level and one CH INPUT fader at nominal level
Crosstalk		-80dB adjacent input channels (CH1-12) / -80dB adjacent input channels (CH13-16) / -80dB input to output
Power requirements		AC100V, 120V, 220-240V 50/60 Hz
Power consumption		90W
Dimensions	W	436mm; 17-1/8in
	H	148mm; 5-7/8in
	D	548mm; 21-5/8in
Net weight		14kg; 30.86lbs
Others		Fader: 100mm motorized x17