SPECIFICATIONS

Mono inputs

Microphone inputs (XENYX Mic Preamp)

Type	XLR, electronically balanced, discrete input circuit
Mic E.I.N. (20 Hz - 20 kHz)	
@ 0 Ω source resistance	-134 dB / 135.7 dB A-weighted
@ 50 Ω source resistance	-131 dB / 133.3 dB A-weighted
@ 150 Ω source resistance	-129 dB / 130.5 dB A-weighted
Frequency response	<10 Hz - 150 kHz (-1 dB), <10 Hz - 200 kHz (-3 dB)
Gain range	+10 to +60 dB
Max. input level	+12 dBu @ +10 dB gain
Impedance	approx. 2.6 kΩ balanced
Signal-to-noise ratio	110 dB / 112 dB A-weighted (0 dBu In @ +22 dB gain)
Distortion (THD+N)	0.005% / 0.004% A-weighted

Line input

Type	1/4" TRS connector electronically balanced
Impedance	approx. 20 kΩ balanced 10 kΩ unbalanced
Gain range	-10 to +40 dB
Max. input level	30 dBu

Fade-out attenuation[1] (Crosstalk attenuation)

Main fader closed	90 dB
Channel muted	89.5 dB
Channel fader closed	89 dB

Frequency response

Microphone input to main out	
<10 Hz - 90 kHz	+0 dB / -1 dB
<10 Hz - 160 kHz	+0 dB / -3 dB

Stereo inputs

Type	1/4" TRS connector, electronically balanced
Impedance	approx. 20 kΩ
Max. input level	+22 dBu

EQ mono channels

Low	80 Hz / ±15 dB
Mid	2.5 kHz / ±15 dB
High	12 kHz / ±15 dB

EQ stereo channels

Low	80 Hz / ±15 dB
Mid	2.5 kHz / ±15 dB
High	12 kHz / ±15 dB

Aux sends

Type	1/4" TS connector, unbalanced
Impedance	approx. 120 Ω
Max. output level	+22 dBu

Stereo aux returns

Type	1/4" TRS connector, electronically balanced
Impedance	approx. 20 kΩ bal. / 10 kΩ unbal.
Max. input level	+22 dBu

Main outputs

Type	XLR, electronically balanced
Impedance	approx. 240 Ω bal. / 120 Ω unbal.
Max. output level	+28 dBu

Control room outputs

Type	1/4" TS connector, unbal.
Impedance	approx. 120 Ω
Max. output level	+22 dBu

Headphones output

Type	1/4" TRS connector, unbalanced
Max. output level	+19 dBu / 150 Ω (+25 dBm)

DSP	24-bit Texas Instruments ™
Converter	24-bit Sigma-Delta, 64/128-times oversampling
Sampling rate	40 kHz

Main mix system data[2]

Noise	
Main mix @ -oo, Channel fader -oo	-105 dB / -108 dB A-weighted
Main mix @ 0 dB, Channel fader -oo	-95 dB / -97 dB A-weighted
Main Mix @ 0 dB, Channel fader @ 0 dB	-82,5 dB / -85 dB A-weighted

Power supply

Mains voltage	100 - 240 V~, 50/60 Hz
Power consumption	40 W
Fuse	100 - 240 V~: **T 1.6 A H** 250 V
Mains connection	Standard IEC receptacle

Physical

Dimensions (H x W x D)	approx. 97 mm (3 7/8") x 247 mm (9 11/16") x 334 mm (13 5/32")
Weight (net)	approx. 2.60 kg (5 3/4 lbs)

Measuring conditions:

1: 1 kHz rel. to 0 dBu; 20 Hz - 20 kHz; line input; main output; unity gain.

2: 20 Hz - 20kHz; measured at main output. Channels 1 - 4 unity gain; EQ flat; all channels on main mix; channels 1/3 as far left as possible, channels 2/4 as far right as possible. Reference = +6 dBu.