

Typical Specifications

Noise

Measured RMS, 22Hz to 22kHz Bandwidth

Mic E.I.N. @ unity gain, 150Ω source impedance

-128dBu

Mix Output, 32 inputs routed to mix

<-85dBu

Group Outputs

<-85dBu

Aux Outputs

<-83dBu

Matrix Outputs

<-89dBu

Crosstalk (@1kHz, typical)

Input Channel Mute

<-93dB

Input Fader cut-off

<-92dB

Pan isolation

<-70dB

Mix route isolation

<-93dB

Group route isolation

<-93dB

Adjacent channel crosstalk

<-99dB

Group to Mix

<-90dB

Aux Send pots offness (typical)

<-80dB

Matrix Send pots offness (typical)

<-80dB

Frequency Response

Mic/Line Input to any output, 20Hz - 20kHz

<1dB

THD + N

Mic sens. -30dBu, +20dBu at all outputs @1kHz

<0.006%

CMRR

Typical @ 1kHz

80dB

Input & Output Max Levels

Mono & Stereo Mic Inputs

+15dBu

Mono Line Inputs

+30dBu

Stereo Line Inputs

+20dBu

Insert Returns

+20dBu

Any output

+20dBu

Nominal Operating Level

0dBu

Headphone Power

2x250mW into 200Ω

Input & Output Impedances

Mic Inputs

2kΩ

Line Inputs and Stereo Returns

10kΩ

Input channels Insert Return

5kΩ with EQ in, otherwise 3kΩ

Mix, Group, Aux, Matrix & Direct outputs

150Ω

Insert sends

75Ω

Recommended Headphone Impedance

50 - 600Ω