

SPECIFICATIONS (to be completed)

Operating Levels	
Input	
Mono channel Mic input (XLR)	+6 to -63dBu for nominal (+17dBu in max)
Mono channel Line input (TRS Jack socket)	+10 to -26dBu (+30dBu maximum)
Insert point (TRS Jack socket)	0dBu nominal +21dBu maximum
Stereo input (TRS Jack sockets)	0dBu nominal (control = Off to +10dB)
Stereo input (RCA phono sockets)	0dBu nominal (control = Off to +10dB)
Telco channel input (XLR)	+10 to -26dBu (+30dBu maximum)
External monitor inputs (RCA phono sockets)	0dBu Nominal
Output	
PGM L & R outputs (XLR)	+4dBu nominal. +25dBu maximum.
PGM Mono output (RCA phono)	0dBu nominal. +21dBu maximum.
PGM L & R inserts (TRS jack sockets)	-2dBu nominal. +21dBu maximum
Aux output (Jack socket)	0dBu nominal. +21dBu maximum.
Mix B outputs (RCA phono sockets)	0dBu nominal. +21dBu maximum.
Rec outputs (RCA phono sockets)	0dBu nominal. +21dBu maximum.
Telco output (XLR)	0dBu nominal. +21dBu maximum.
CRM Speaker outputs (RCA phono sockets)	0dBu nominal. +21dBu maximum.

THD+n	
Mic in to PGM L/R Out, 0dB gain 1kHz +10dBu out	0.003%
Mic in to PGM Out, 30dB gain 1kHz	0.007%
Line in to PGM L/R out 0dB gain 0dBu 1kHz	0.004%
Stereo in to PGM out 0dB gain +10dBu 1kHz	0.003%

USB Audio CODEC (Coder/Decoder)	
USB Audio In/Out	USB 1.1 compliant 16bit.
Sample Rate	32, 44.1, or 48kHz

Noise	
Mic Pre EIN @ max gain 150R input Z 22-22kHz	-127dBu
PGM out, PGM fader = 0, 22-22kHz	-92dBu
Aux out, Mono out, Mix B out = 0, 22-22kHz	-90dBu

SPECIFICATIONS (continued)

Headroom	
Analogue Headroom from nominal (0Vu) Outputs	21 dB
Analogue Headroom from nominal (0Vu) Mix point	24dB
USB in & out headroom from nominal (0Vu)	14dB

Crosstalk & Attenuation (dB 22-22kHz)	
Mono fader attenuation (dB relative to +10dBu) 1kHz/10kHz	-100/-90
Mono ON switch attenuation (dB relative to +10dBu) 1kHz/10kHz	-100/-90
TELCO fader attenuation (dB relative to +10dBu) 1kHz/10kHz	-99/-92
TELCO ON switch attenuation (dB relative to +10dBu) 1kHz/10kHz	-100/-100
Stereo fader attenuation (dB relative to +10dBu) 1kHz/10kHz	-99/-86
Stereo ON switch attenuation (dB relative to +10dBu) 1kHz/10kHz	-100/-93
PGM fader attenuation (dB relative to +10dBu) 1kHz/10kHz	-102/-99
TELCO clean-feed isolation from I/P (dB relative to +10dBu) 1kHz/10kHz	-57/-40
Stereo separation, L in to PGM R out. dB 1kHz/10kHz	-77/-56

Frequency Response	
Mic in to PGM L/R Out, 30dB gain	+0.5/-1dB 20Hz to 20kHz.
Line in to PGM L/R out 0dB gain	+0.5/-1dB 10Hz to 30kHz
Stereo in to PGM L/R out	+0.5/-1dB 10Hz to 30kHz