

Max Effect EA 2200



Specification

Channels (Mono + Stereo)	18 + 4
Auxiliarys (MON, FX, AUX)	2 Pre, 2 Post, 2 Pre/Post switchable
MIC GAIN (Mono / Stereo)	0 to +60 dB / +10 to +60 dB
LINE/CD/USB GAIN (Stereo)	-10 to +20 dB
THD, at 1 kHz, MBW = 80 kHz	
MIC input to Master A L/R outputs, +16 dBu, typical	< 0.005%
Frequency Response, -3 dB, ref. 1 kHz, any input to any Mixer output	15 Hz to 70 kHz
Crosstalk, 1 kHz	
Fader & FX/AUX/MON-Send attenuation	> 85 dB
Channel to Channel	< -80 dB
CMRR, MIC input, 1 kHz	> 80 dB
Input Sensitivity, all level controls in max. position MIC / LINE (Mono) / LINE (Stereo) / CD (Stereo)	-74 dBu (155 μ V) / -54 dBu (1.55 mV) / -34 dBu (15.5 mV) / -34 dBu (15.5 mV)

Input Impedances

MIC / Insert Return	2 k Ω / > 3.3 k Ω
2Track Return & CD In	10 k Ω
All other inputs	> 15 k Ω

Output Impedances

Phones	47 Ω
All other outputs	75 Ω
Equivalent Input Noise, MIC input, A-weighted, 150 ohms	-130 dBu
Noise, Channel inputs to Master A L/R outputs, A-weighted	
Master fader down	-97 dBu
Master fader 0 dB, Channel fader down	-87 dBu
Master fader 0 dB, Channel fader 0 dB, Channel gain unity	-81 dBu

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Digital Output Interface

Channels	4 In / 4 Out
AD/DA Conversion, Sampling Rate	24-bit, 44.1 / 48 / 88.2 / 96 kHz
PC Interface	USB2.0, Female Type B
Supported OS	
MIDI Interface	5-pin DIN connector, In / Out

Equalization

LO Shelving	±15 dB / 60 Hz
MID Peaking, mono inputs	±15 dB / 100 Hz to 8 kHz
MID Peaking, stereo inputs	±12 dB / 2.4 kHz
HI Shelving	±15 dB / 12 kHz
Master EQ 11-band (63, 125, 250, 400, 630, 1k, 1.6k, 2.5k, 4k, 6.3k, 12kHz)	±10 dB / Q = 1.5 to 2.5

Effects

Type, effects presets	Dual stereo 24/48-bit multi effects processors, 100 Factory + 20 User, Tap-Delay
Remote control	Footswitch, MIDI
Display	128 x 64 pixels, OLED

Filter

LO-CUT, mono inputs	f = 80 Hz, 18 dB/oct.
VOICE FILTER, mono inputs	switchable
FEEDBACK FILTER, MON 1/2	70 Hz to 7 kHz, Notch, -9 dB

Maximum Level, Mixing Desk

MIC inputs	+21 dBu
Mono Line inputs / Stereo Line inputs	+41 dBu / +30 dBu
All other inputs	+22 dBu
All other outputs	+22 dBu

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Protection

Mixer Outputs (Relay controlled)	MON 1, MON 2, MASTER A
Switching Mode Power Supply (μ C controlled)	Mains Over/Undervoltage, High Temperature
Phantom Power, switchable in groups	48 V DC
Power Requirements (SMPS with auto range mains input)	100 V to 240 V AC, 50 Hz to 60 Hz
Dimensions (W x H x D, without lid), mm	818.5 x 155.0 x 498.5
Weight, without lid	14.5 kg