

**Power Amplifiers | HF Drivers | Microphones**  
**Speakers | Line Array | DJ Consoles**



**VISIT US AT HALL 1**  
**BOOTH NO - D107**



# Ethan Audio EA15000



## Features

- 1U Height Standard Chassis, compact, lightweight.
- 1 Class D power amplifier module fixed switching frequency.
- Soft switch LLC Resonant Switching Power Supply Module.
- Active Power Factor Correction (PFC) for stable operation over full voltage (50V-350V)
- Efficient speaker back EMF absorption system.
- Unique peak clipping limiter and ripple elimination network.
- Backplane connection mode selection (stereo/ parallel/ bridge)
- Temperature-controlled variable speed fan, airflow from front to back.

## Specification

8Ω Stereo	2x2400W
4Ω Stereo	2x4100W
2Ω Stereo	2x4200W
8Ω Bridge	5500Wx2
4Ω Bridge	11000Wx2
Frequency Response	8Ω, 20Hz-20KHz ±0.5dB
Input Sensitivity	0.775V/ 1V/ 32dB
Input Impedance (Balanced / Unbalanced)	20KΩ / 10KΩ
Damping Coefficient	≥ 2000
Total Harmonic Distortion	<0.35% @ 8Ω, 1KHz
Intermodulation Distortion	<0.15% @ 8Ω, 60+ 7KHz
Single to noise ratio A	≥ 106dB @ 8Ω, 1KHz
Conversion Rate	≥ 20V / μS
Resolution	≥ 70dB
Product Dimension (W x L x H)	483x238x45mm



# Ethan Audio EA5000



## Features

- UPDM (Unipolar Pulse Density Modulation) audio power is new generation PDM audio power amplifier technical proposal with super low power consumption.
- Solid 1U size body.
- AC 220V power supply fluctuation purification.
- Grounding noise 2-way drainage purification.
- Single source noise Level-2 purification.
- Direct energy amplifier.
- Constant undistortion power control.
- Complex anti-phase shift control.
- Speaker dynamic energy recycle.
- Soft protection for pre-overheat and pre-overload.

## Specification

Power	800W @ 8Ω X2 X4
Distortion	<0.005%
SNR	112dB (A-weighting)
Frequency Response	20Hz-20KHz ±0.25dB
Damping Factor	≥1000
Switch Rate	50V / us
Input Impedance	30kΩ balanced
Input Sensitivity	0.775V
DC Residual	<5mV
Working Voltage	90V-264V ± 10%, 50Hz
Power Factor cos	>0.95 @>500W
Maximum Output Voltage / Current	100Vpeak/ 50A peak
Power	standard switch mode with PFC (Power Factor Correction)





# Ethan Audio EA12000



## Features

- Designed for heavy duty live shows and fixed installation sound systems.
- Frontal appearance is built with a unique aluminum bold design to display it's strong and robust build.
- Toshiba tube transistors and pure copper transformers.
- Recommended for mid - large sized audio applications.

## Specification

8Ω Stereo	2x2500W
4Ω Stereo	2x4200W
2Ω Stereo	2x5500W
8Ω Bridge	7500W
4Ω Bridge	10000W
Output Circuitry	Class H
Frequency Response	20-20K ±1dB
Input Sensitivity	0.775V/1.0V/1.4V
Balanced	20KΩ
Unbalanced	10KΩ
Crosstalk	≥62dB 8Ω 1KHz
S/N Ratio	≥103dB
Damping Factor	≥ 1800
Total Harmonic Distortion	<0.05%@8Ω 1/10 Pro
Slew Ratio	25V/u S
Cooling System	Dual 2-Speed Fans & Heatsinks





# Ethan Audio EA6000B



## Features

- Stable performance in 4ohms at low temperature
- Pure copper ring toroidal transformer
- Customised design heat aluminium (heatsink)
- Customised fans
- Original Toshiba transistors that provides the best sound quality

## Specification

8Ω Stereo	4x1000W
4Ω Stereo	4x1500W
8Ω Bridge	3000W
Output Circuitry	Class H
Frequency Response	10Hz-30kHz±1db
Input Sensitivity	0.775V/1.0V/1.4V
Balanced	20KΩ
Unbalanced	10KΩ
Crosstalk	≥65dB 8Ω 1KHz
S/N Ratio	≥101dB
Damping Factor	≥800
Total Harmonic Distortion	<0.5%@8Ω 1/10 Pro
Slew Ratio	25V/u S





# Max Effect EA9000



## Features

- Designed for heavy duty live shows and fixed installation sound systems.
- Frontal appearance is built with a unique aluminum bold design to display its strong and robust build.
- Toshiba tube transistors and pure copper transformers.
- Recommended for mid - large sized audio applications.



## Specification

8Ω Stereo	2x1800W
4Ω Stereo	2x3600W
2Ω Stereo	2x4200W
8Ω Bridge	5500W
4Ω Bridge	9000W
Output Circuitry	Class H
Frequency Response	20-20K ±1dB
Input Sensitivity	0.775V/1.0V/1.4V
Balanced	20KΩ
Unbalanced	10KΩ
Crosstalk	≥62dB 8Ω 1KHz
S/N Ratio	≥103dB
Damping Factor	≥ 1800
Total Harmonic Distortion	<0.05%@8Ω 1/10 Pro
Slew Ratio	25V/u S
Cooling System	Dual 2-Speed Fans & Heatsinks



# Max Effect EA 2.6



## Features

- Excellent sonic performance with 24bit high end converters coupled with 96kHz sample rate
- 2 inputs, 6 outputs with full matrix mixing
- 31 band parametric equalization per input channel
- 7 band parametric equalization per output channel
- Each band can be switched to Bell, Low/High Shelving with variable Q response
- Crossover filters with slopes from 6dB/Octave up to 48dB/Octave including Butterworth, Bessel, Linkwitz-Riley
- Each output features a dynamic range controller composed of a Peak Limiter.
- Adjustable Delay time up to 900 ms for every input channel, and up to 340 ms for every output channel
- Rear panel USB connector for direct PC communications
- RS485 connection for system setup, monitoring and control via fully manageable remote PC software
- Front panel interactive LCD display for local access and configuration
- Front panel 7-LED level meter indicators per channel
- Simultaneous control up to 32 units via PC software
- Up to 32 storable user presets
- Security Lockout





# Max Effect EA 2.6



## Specification

### Audio

- Analog Input 2 x XLR electronically balanced
- Analog Output 6 x XLR electronically balanced
- AD & DA Converters 24bit 96kHz
- Minimum Load 150 ohm
- THD+N 0.005% at 1kHz 0dBu, 0.01% at 1kHz 16dBu
- S/N >106 dBA
- Frequency Response 20Hz – 20kHz;  $\pm 0.5$ dB

### Processing

- Resolution 24×32 bit for filtering process  
96 bits resolution on intermediate computation results
- Parametric Equalization 31 filters per input selected as Bell or Shelving  
7 filters per output selected as Bell or Shelving
- Filter Type Bell, Shelving
- Filter Gain From -15dB up to +15dB by 0.5dB resolution steps
- Center Frequency Selectable with a 1/24th of octave resolution step from 20Hz up to 20kHz
- Filter Q/BW Q from 0.4 up to 12 by 0.1 resolution steps
- Crossover Section HPF/LPF Butterworth 6/12/18/24 dB per octave  
Bessel 12/24 dB per octave  
Linkwitz-Riley 12/24/36/48 dB per octave
- Internal Noise Generator White/Pink Noise, level from -30dBu to 0dBu
- Input Noise Gate Threshold from -90 dBu up to -60 dBu
- Delay 420 ms for every input channel and 128 ms for every output channel
- Ground Noise -88 dBu



# Max Effect EA 2.6



## •RMS Compressor

Threshold from -14 dBu up to +16dBu  
Ratio: 2:1~100:1; Knee: 0%~100%  
Attack time from 5ms up to 200ms  
Release time from 0.1 sec up to 3 sec

## General

### •Device Presets •Front Panel

32 User Presets  
2x24 character LCD display with green LED backlight  
7-LED meter per input channel -20dBu to +15dBu, clip  
7-LED meter per output channel -15dBu to +15dBu, clip or limiter mode  
Blue LED (Edit) and Red LED (Mute) per channel  
NAV/PM1 Rotary encoder push button switch  
PM2, PM3, ENTER, ESC, UTILITY push button switches  
EDIT/MUTE push button per channel  
USB type B connector

### •Rear Panel

2 x XLR female connector (Input)  
6 x XLR male connector (Output)  
1 x XLR female connector for RS485 (Input)  
1 x XLR male connector for RS485 (Output)  
2 x Ground-lift toggle switch  
IEC C13 16A connector; Power on/off switch  
90-240VAC (50/60Hz) – 40W  
19"x 1.75"x 9" (483x44x229mm) 1RU  
560x320x110(mm)  
6.61 lbs (3.0 Kg) / 7.71 lb (3.5 Kg)

### •Main AC •Dimensions •Package size •Weight, Net / Shipping

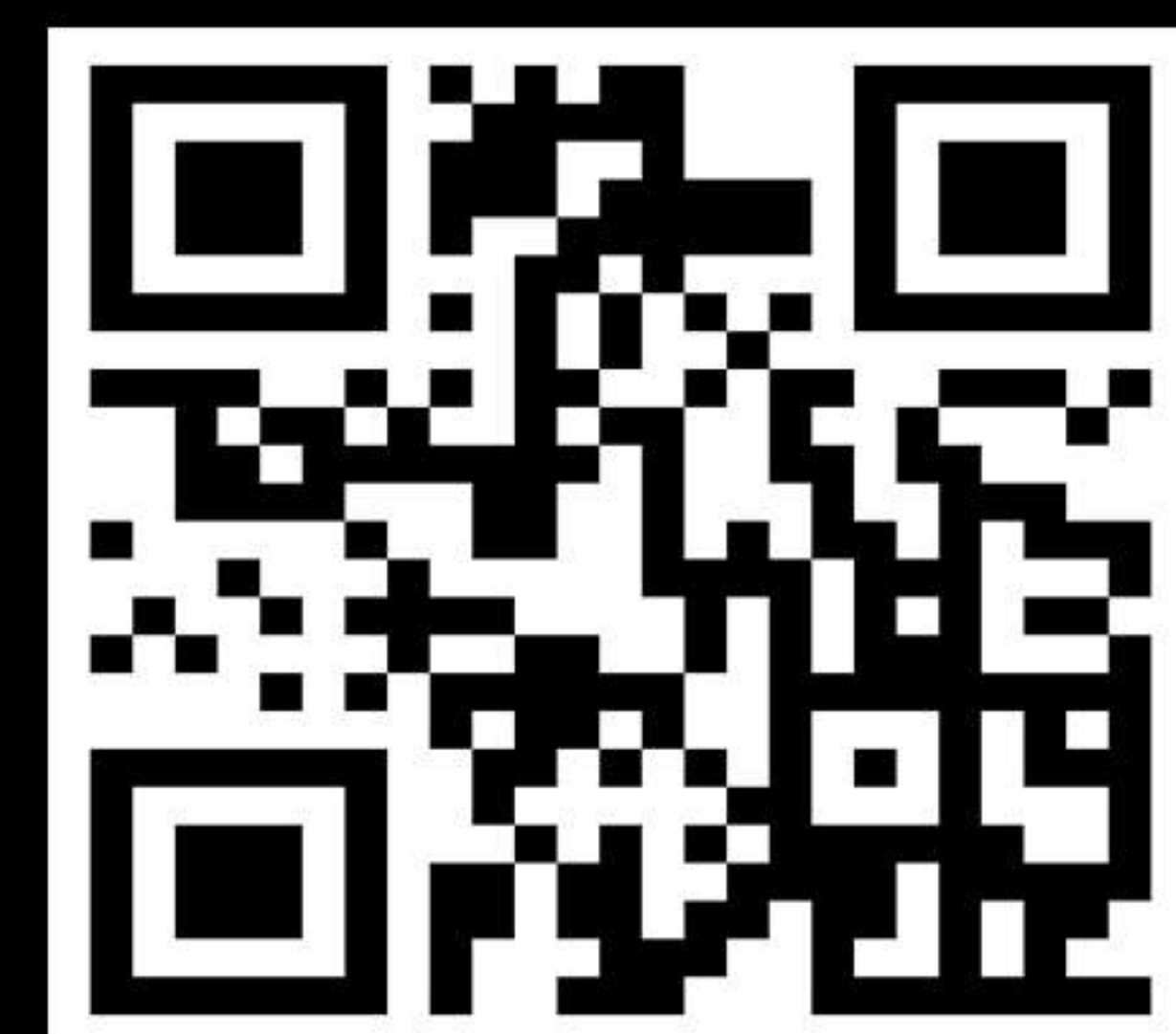


# Max Effect EA 4.8



## Features

- Very intuitive, easy-to-use Front Panel Parameter Control
- Single rack space with XLR audio connections
- Crossover, EQ, delay and limiter functions
- Inputs assignable to any output
- Front panel or PC programming and control with 4 levels of security
- USB and RS-232 interface; 6' USB-A to USB-B cable included
- Third-party control friendly
- Balanced inputs and outputs
- Parametric filters and comp/limiter controls feedback
- SLinkwitz-Riley, Bessel and Butterworth filters
- 12, 18, 24 and 48dB/octave slopes
- Parametric EQ: 1/64th to 4-octave range
- 682ms input and output delay (1,364ms total)
- Limiter on each output
- Individual input and output metering
- Safety/Compliance: CE, FCC, RoHS





# Max Effect EA 4.8



## Specification

- Input Active Balanced, 18k Ohms
- Input Level +20dBu (Max)
- Input Gain Range -40dB—+12dB
- Output Active Balanced, 112 Ohms
- Output Level +20dBu (Max)
- Output Gain Range -40dB—+12dB

## Weight, Dimensions & Power

- Unit Weight SP3.6: 7lbs (9.54kg) SP4.8: 7.3lbs (3.3kg)
- Input Level +20dBu (Max)
- Input Gain Range -40dB—+12dB
- Output Active Balanced, 112 Ohms
- Output Level +20dBu (Max)
- Output Gain Range -40dB—+12dB

## Equalizer

- EQ Filter Types 1st or 2nd Order High or Low Shelf, Parametric
- Shelving Filter Boost/Cut Range  $\pm 15$ dB
- Shelving Filter, Frequency Range Low Shelf: 19.7Hz–2kHz, High Shelf: 3.8kHz–21.9kHz
- Parametric Filter Boost/Cut Range +15dB/-30dB
- Parametric Filter Frequency Range 19.7Hz–21.9kHz, 1/24 Octave Steps
- Parametric Filter Bandwidth Four Octaves to 1/64 Octave

## Delay

- Input/Output Delay 0–682ms



# Max Effect EA 4.8



## Crossover

- HPF/LPF Frequency Range 19.7Hz—21.9kHz, Off  
12dB/Oct Butterworth, 12dB/Oct Bessel,  
12dB/Oct Linkwitz-Riley  
18dB/Oct Bessel, 18dB/Oct Linkwitz-Riley
- Available Filter Types 24dB/Oct Butterworth, 24dB/Oct Bessel  
24dB/Oct Linkwitz-Riley  
48dB/Oct Butterworth, 48dB/Oct Bessel  
48dB/Oct Linkwitz-Riley

## Limiter

- Threshold Range -20dBu—+20dBu
- Ratio Range 1.2:1 to ∞:1
- Attack Time Range 0.5ms—50ms
- Release Time Range 10ms—1Sec
- Frequency Response 20Hz—20kHz, ±0.25dB
- THD <0.01% @ 1kHz, +20dBu
- Dynamic Range >110dB, 20Hz—20kHz unweighted
- Audio Sampling Rate 48kHz
- Propagation Delay 1.46ms

## Signal LEDs (dBu or VU)

- Inputs -20/Mute, -10, 0, +10, Clip
- Outputs -20/Mute, -10, 0, Limit Threshold, Clip



# Max Effect EA 260



## Features

- Feedback Elimination
- 2.7 Seconds of Alignment and Zone Delay
- RS-232 PC GUI control
- Classic dbx Compression and Limiting
- Graphic and Parametric EQ
- Auto-EQ Function
- Full Bandpass, Crossover, and Routing Configurations
- Auto Gain Control
- Pink Noise Generator and fulltime RTA
- Setup Wizard with JBL speaker and Crown Power Amplifier Tunings
- Security Lockout
- Wall Panel Control Inputs





# Max Effect EA 260



## Specification

- Input
  - Input Connectors
  - Input Type
  - Input Impedance
  - Max Input
  - CMRR
  - Mic Preamp Phantom Power
  - Mic Preamp Equivalent Input Noise (EIN)
  - Output
  - Output Connectors
  - Output Type
  - Output Impedance
  - Max Output
  - A/D Converter
  - A/D Dynamic Range
  - Type IV Dynamic Range
  
  - Sample Rate
  - D/A Dynamic Range
  - Dynamic Range
  - THD+Noise
  - Frequency Response
  - Interchannel Crosstalk
- (2) line inputs. (1) RTA Mic input  
(2) Female XLR line inputs. XLR RTA Mic input  
Electronically balanced/RF filtered  
>40k ohm  
+30dBu with input jumpers in +30 position  
> 45dB  
+15VDC (RTA)  
< -110dB, 22Hz-22kHz, 150 ohm (RTA)  
6 total  
Male XLR  
Electronically balanced, RF filtered  
120ohm  
+22dBu  
Type IV Conversion System  
(line) >113 dB, A-weighted, >110 dB unweighted  
>119 dB, A-weighted, 22kHz BW; >117 dB, A-weighted, 22kHz BW  
48kHz  
112 dB A-weighted, 109dB unweighted  
>110 dB A-weighted, >107dB unweighted  
0.003% typical at +4dBu, 1kHz, 0dB gain  
20Hz – 20kHz, +/- 0.5dB  
>110dB, 120dB typical, (input-to-output: >100dB)



# Max Effect EA208



## Physical

<b>Connectors</b>	2 × 4-point speakON
<b>Rigging and handling</b>	4-point captive rigging system
	2 side handles
	2 rear handles
	inter-enclosure angles: 0°, 1°, 2°, 3°, 4°, 5°, 7.5° or 10°
<b>Weight (net)</b>	26 kg / 57 lb
<b>Cabinet</b>	premium grade Baltic birch plywood
<b>Front</b>	coated steel grill
	acoustically neutral 3D fabric
<b>Rigging components</b>	high grade steel with anti-corrosion coating
<b>Finish</b>	dark grey brown Pantone 426 C
<b>IP</b>	IP55

## Specification

<b>Usable bandwidth (-10 dB)</b>	55 Hz – 20 kHz
<b>Maximum SPL<sup>1</sup></b>	142 dB
<b>Nominal directivity (-6 dB)</b>	horizontal: 70° / 110° symmetric or 90° asymmetric
	vertical: dependent upon the number of elements and the line source curvature
<b>Transducers</b>	LF: 2 × 8" neodymium cone drivers
	HF: 1 × 3" neodymium diaphragm compression driver
<b>Acoustical load</b>	LF: bass-reflex
	HF: waveguide, Panflex
<b>Nominal impedance</b>	LF: 8 Ω
	HF: 8 Ω





# Max Effect EA 928



## Specification

Power Rating	400 W / 800 W / 1600W
Frequency Range (-10dB)	70 Hz - 20 kHz
Dimensions (H x W x D)	230mm x 420mm x 270mm (9.0in x 16.5in x 10.5in)
Coverage Pattern	100 x 15 nominal
Frequency Response ( $\pm 3$ dB)	85 Hz - 19 Hz
Crossover Modes	Bi-amp / passive,
Crossover Frequency	2.0 kHz
Net Weight (each)	12.7 kg (28 lb)
Inputs	Neutrik® Speakon NL-4 (x2)
Outputs	1 x XLR
Enclosure	Duraflex coated plywood

System Type	Constant Curvature 8" Two-Way Line Array System
Maximum SPL (1m)	122 dB SPL peak (passive mode) LF: 122 dB (bi-amp mode) HF: 128 dB (bi-amp mode)
Nominal Impedance	Passive = 8 ohm Bi-amp LF = 8 ohm Bi-amp HF = 16 ohm
LF Driver	1 x 200 mm (8 in) Differential Drive® woofer
HF Driver	2 x 25 mm (1.0 in) neodymium compression driver
Suspension / Mounting	Dual 36 mm pole socket included. Suspension requires optional line array frame kit or M10 eyebolts.





# Ethan Audio Active 12



## Features

- Equipped with DSP, one-way MIC-in and Line-in, Class D power module and crossover

## Specification

Model	12 inch
Driver Quantity	12" x1(Low), 1xØ 34mm Driver
Frequency Response (± 3dB)	53Hz-18KHz
Frequency Response (± 10dB)	45Hz-20KHz
Max Sound Level (dB / 1M)	120 dB
Max Output Power	500W (LF) / 200W (HF)
Distortion	Line-0.02%, Microphone-14K Ohm
Load Impedance	LF -8 Ohm, HF -8 Ohm
Input Impedance	Line-14K Ohm, Microphone-14K Ohm
Connectors	XLR; 1/4" TRS
Dimension (HxLxD mm)	651x390x374
Packing Dimension (HxLxD mm)	710x445x430
Net Weight (Kg/pcs)	17.5
Gross Weight (Kg/pcs)	23





# Ethan Audio Active 15



## Features

- Equipped with DSP, one-way MIC-in and Line-in, Class D power module and crossover

## Specification

Model	15 inch
Driver Quantity	15" x1(Low), 1xØ 34mm Driver
Frequency Response (± 3dB)	45Hz-18KHz
Frequency Response (± 10dB)	35Hz-20KHz
Max Sound Level (dB / 1M)	120 dB
Max Output Power	600W (LF) / 200W (HF)
Distortion	Line-0.02%, Microphone-14K Ohm
Load Impedance	LF -8 Ohm, HF -8 Ohm
Input Impedance	Line-14K Ohm, Microphone-14K Ohm
Connectors	XLR; 1/4" TRS
Dimension (HxLxD mm)	771x460x406
Packing Dimension (HxLxD mm)	820x520x465
Net Weight (Kg/pcs)	28.43
Gross Weight (Kg/pcs)	30.30





# 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 $\mu$ V) / -54 dBu (1.55 mV) / -34 dBu (15.5 mV) / -34 dBu (15.5 mV)

## Input Impedances

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

## Output Impedances

Phones	47 $\Omega$
All other outputs	75 $\Omega$
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



# Max Effect EA 2200

## 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



# Max Effect EA 2200

## Protection

Mixer Outputs (Relay controlled)	MON 1, MON 2, MASTER A
Switching Mode Power Supply ( $\mu$ 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



# Max Effect EA EM6



## Features

- Four input channels, each with gain, three-band EQ, and LED metering
- USB computer connection for playing and recording with Mac or PC
- Play music from music-player software
- Record your mix to your computer
- Multiple phono, line, and mic inputs
- Dedicated XLR mic channel and additional mic input on channel 4
- Replaceable crossfader with slope control
- Assign any channel to either side of the crossfader

## Includes

- EM6 USB Mixer
- Power Cable
- Quickstart Guide

## Specification

- Weight: 9.6 lbs
- Dimensions (WxDxH): 12.625" x 14.25" x 4"





# Max Effect EA60



## Features

- 100 W continuous program power capacity
- 1" horn throat diameter
- 44 mm (1.7 in) aluminium voice coil
- Polyimide diaphragm
- 1200 - 18000 Hz response
- 108.5 dB sensitivity
- Compact Neodymium magnet assembly

## Specification

Throat Diameter	25 mm (1.0 in)
Nominal Impedance	8 $\Omega$
Minimal Impedance	7.7 $\Omega$
Nominal Power Handling	50 W
Continuous Power Handling	100 W
Sensitivity	108.5 dB
Frequency Range	1.0 – 18.0 kHz
Recommended Crossover	1.6 kHz
Voice Coil Diameter	44 mm (1.7 in)
Winding Material	Aluminium
Inductance	0.11 mH
Diaphragm Material	Polyimide
Flux Density	1.8 T
Magnet Material	Neodymium Ring





# Max Effect EA400



## Features

- Dual 3.5" voice coils / annular diaphragms
- Perfect acoustical coupling
- Extremely high efficiency
- Exceptionally high power handling of 400 W (AES)
- Provides 6 dB more sound pressure than a comparable single voice coil driver
- Ultra low distortion
- Specially designed for extreme high output applications
- Neodymium Magnet Assembly
- Ultra light weight and small size
- 2x 8 Ohm or 2x 16 Ohm

## Specification

Throat	2" (50.8mm)
Nominal impedance	2x 8 or 2x 16 Ohm
Power capacity (AES)	400 W (2 x 200 W above 300 Hz)
Peak power	2000 W (2 x 1000 W above 400 Hz)
Sensitivity	2x1W/1m 123 dB on a 40° x 20° waveguide
Frequency range	200 - 9000 Hz
Recommended crossover	250 Hz
Voice coil	2 x 3.5 " (2 x 90 mm)
Magnet material	Neodymium
Flux density mid-range	1.95 T
Voice coil material	Copper (2 layers Inside and outside of the VC)
Voice coil former	Kapton
Diaphragm material	Polyester





# Max Effect EA750



## Features

- 220 W continuous program power capacity
- 2" horn throat diameter
- 75 mm (3 in) aluminium voice coil
- Titanium diaphragm
- 500 - 18000 Hz response
- 107.5 dB sensitivity

## Specification

Throat Diameter	50 mm (2.0 in)
Nominal Impedance	8 Ω
Minimal Impedance	7.8 Ω
Nominal Power Handling	110 W
Continuous Power Handling	220 W
Sensitivity	107.5 dB
Frequency Range	0.5 – 18.0 kHz
Recommended Crossover	0.8 kHz
Voice Coil Diameter	75 mm (3.0 in)
Winding Material	Aluminium
Inductance	0.14 mH
Diaphragm Material	Titanium
Flux Density	1.9 T
Magnet Material	Ferrite





# Max Effect EA850



## Features

- The EA850 high frequency compression driver handles 90 Watts AES & 180 Watts program power handling.
- Excellent Clarity & warm high frequency characteristics.
- High Quality Application include Concert, Sound Reinforcement, Theatres, Dance Clubs, etc.
- THIS IS A SERIOUS 2" DRIVER!

## Specification

Horn Throat Exit Diameter	2" / 50.8mm
Impedance	8 Ohms
Frequency Response	500 Hz - 20kHz
AES Power	90 Watts AES @ 1kHz
Program Power	180 Watts Program @ 1.2kHz
Minimum Cut-off Frequency	800 Hz
Sensitivity (SPL)	109dB
Voice Coil Diameter	2.93" / 74.4mm
Voice Coil Former	Kapton
Diaphragm Material	Titanium
Voice Coil Material	Aluminum Flat Wire
Flux Density	1.6 Tesla
Net Weight	4.7 kg. / 10.34 lbs.





# Max Effect EA4592



## Features

- Extended Bandwidth (300 - 22000 Hz)
- Neodymium magnet assembly
- With two subsystems in one, each driver covers a smaller frequency range for increased power handling, high dynamic and extremely low distortion
- Excellent phase coherence
- Perfect time alignment without problems of multi-source interference
- Ultra light weight

## Specification

Throat Diameter	2" (50.8 mm)
Nominal Impedance	8 or 16 Ohm
Middle range (AES) Peak	150 W above 400Hz 1000 W peak above 500Hz
High Range Peak	80 W 320 W
Sensitivity 1W/1m	118 dB on 2242 Horn
Frequency Range (Hz)	300 - 22000
Recommended Crossover	300 Hz
Middle Frequency Range	300 - 7000 Hz
High Frequency Range	6000 - 22000 Hz
Middle / High Crossover	6300 Hz
Voice Coil High Range	1.75" (44.4 mm)
Voice Coil Mid Range	3.5" (90 mm)
Magnet Material	Neodymium
Flux Density (Tesla)	1.95 (mid), 2.0 (high)
Efficiency	35% (300 - 5000 Hz)
Voice Coil Material	Copper Clad Aluminum
Voice Coil Former	Kapton
Diaphragm	Polyester

