



Pro & Studio 2025 US Catalog



Pro & Studio Products

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CAT Elite Pro Line Array

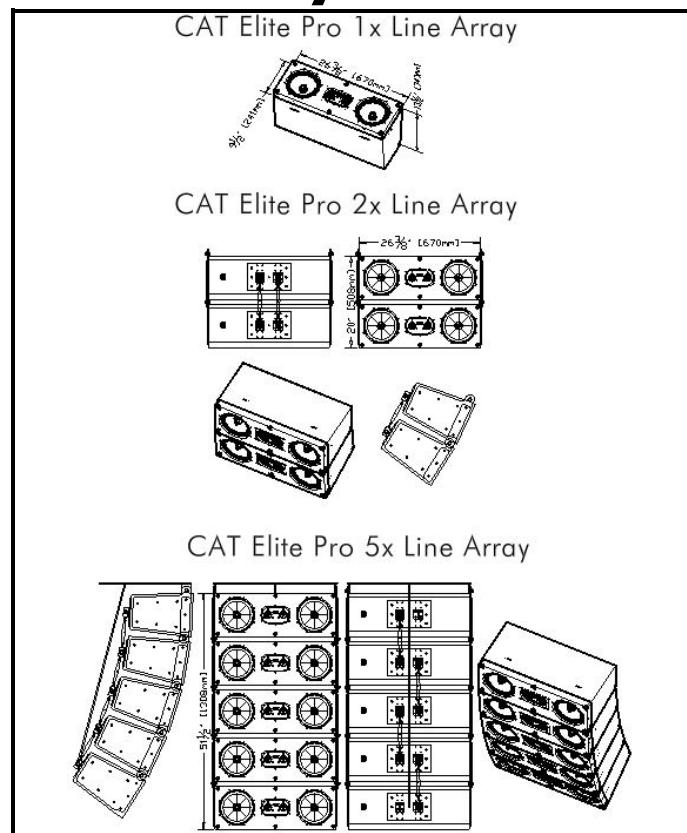


The CAT Elite Pro Line Array loudspeaker system integrates twin CAT Elite 8" copper phase plug curvilinear aluminum cone woofer drivers with twin CAT Elite 30mm silk-dome tweeters, which are available with optional wave guides for customized dispersion angles. The CAT Elite Pro Line Array is designed to be stacked in units 1 to 10 units tall, and suspended by rigging or installed within a permanent structure. Constructed with an HDF enclosure and a 1" thick CAT MBX105 ultra high-density driver baffle (CAT proprietary fiber-reinforced composite).

Grilles

Most commonly, these loudspeakers are installed without grilles. However, many grille options exist.

[Click here to see a few grille examples](#)



Specifications

Model CAT Elite 700 IW	Channels 1 to 10
Maximum SPL @ 1m 136dB	Frequency Response 29Hz-24kHz
Minimum Amplifier Power 300W @ 4Ω	Maximum Amplifier Power Unlimited* @ 4Ω
Nominal Impedance 4Ω	Sensitivity 90dB

*Unlimited max. clean power, when calibrated by California Audio Technology w/ CAT MBX DSP

Recommended Amplification

[CAT MBX 1250.2 Amplifier](#)

[CAT 300.8 Amplifier](#)

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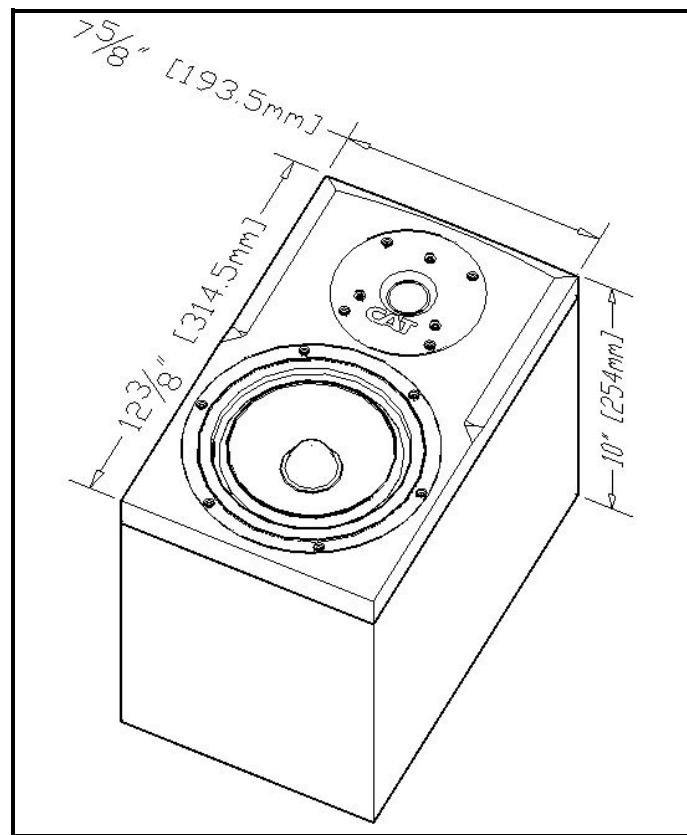
CAT Elite 200EX Studio Monitor



The CAT Elite 200EX Studio Monitor loudspeaker system integrates a CAT Elite 8.5" copper phase plug curvilinear aluminum cone woofer driver with the CAT Elite 30mm silk-dome tweeter, providing the CAT Elite 200EX Studio Monitor with extended SPL and the most critical performance benefits of the renowned CAT MBX tweeter. Constructed with an HDF enclosure and a 1" thick CAT MBX105 ultra high-density machined faceplate (CAT proprietary fiber-reinforced composite).

Grilles

Most commonly, these loudspeakers do not require grilles. However, many grille options exist.



[Click here to see a few grille examples](#)

Specifications

Model	Channels
CAT Elite 200EX Studio Monitor	1
Maximum SPL @ 1m	Frequency Response
125dB	30Hz-24kHz
Minimum Amplifier Power	Maximum Amplifier Power
300W @ 4Ω	650W @ 4Ω
Nominal Impedance	Sensitivity
4Ω	89dB

Recommended Amplification

[CAT 300.8 Amplifier](#)

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CAT Elite 700S5 Studio Half Field

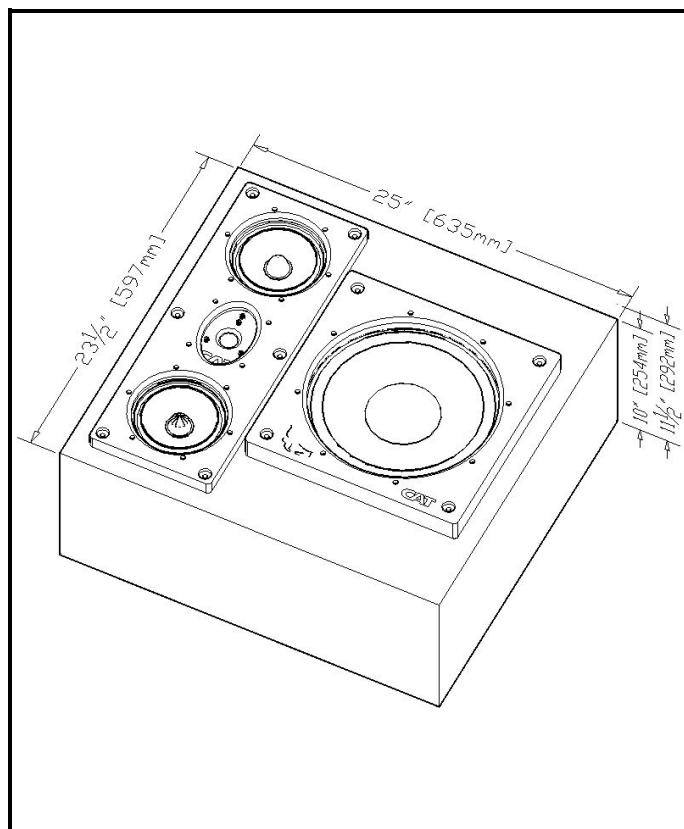


The CAT Elite 700S5 Studio Half Field loudspeaker system integrates a 12" curvilinear aluminum cone subwoofer with twin CAT Elite 6.5" copper phase plug curvilinear aluminum cone woofer drivers with the CAT Elite 30mm silk-dome tweeter. Constructed with an HDF enclosure and CAT MBX105 ultra high-density driver baffle (CAT proprietary fiber-reinforced composite).

Grilles

Most commonly, these loudspeakers do not require grilles. However, many grille options exist.

[Click here to see a few grille examples](#)



Specifications

Model	Channels
CAT Elite 700S5 Studio Half Field	2
Maximum SPL @ 1m	Frequency Response
131dB	20Hz-24kHz
Minimum Amplifier Power	Maximum Amplifier Power
300W @ 4Ω	Unlimited* @ 4Ω
Nominal Impedance	Sensitivity
4Ω	90dB

*Unlimited max. clean power, when calibrated by California Audio Technology w/ CAT MBX DSP

Recommended Amplification

[CAT MBX 1250.2 Amplifier](#)

[CAT 300.8 Amplifier](#)

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CAT Pro S4

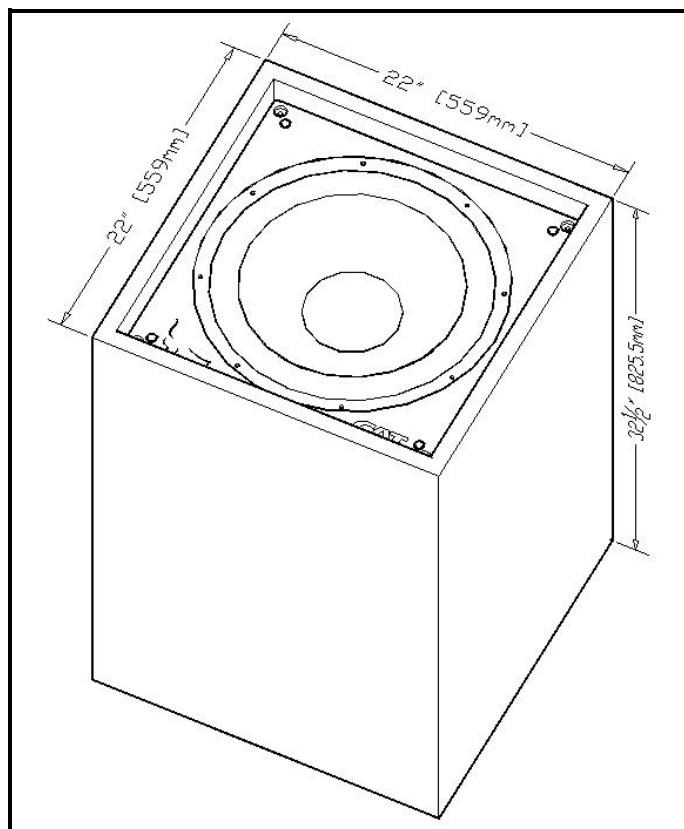


This Dual Voice Coil 18" curvilinear aluminum cone subwoofer will accurately reproduce low frequencies down below 15Hz. An oversized ceramic magnet provides massive power handling capabilities. Constructed with an HDF enclosure and a 1" thick CAT MBX105 ultra high-density driver baffle (CAT Proprietary fiber-reinforced composite).

Grilles

Most commonly, these loudspeakers are installed behind acoustic fabric and do not require grilles. However, many grille options exist.

[Click here to see a few grille examples](#)



Specifications

Model	Channels
CAT Pro S4	2
Maximum SPL @ 1m	Frequency Response
128dB	10Hz-1000kHz
Minimum Amplifier Power	Maximum Amplifier Power
300W @ 4Ω	650W @ 4Ω
Nominal Impedance	Sensitivity
4Ω	90dB

Recommended Amplification

[CAT 300.8 Amplifier](#)

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CAT Pro Dual S4

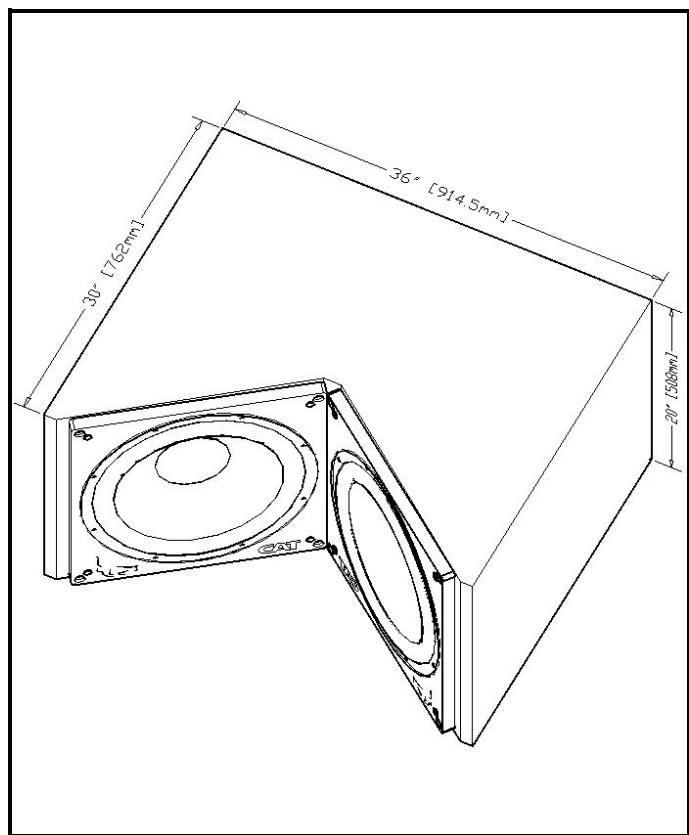


This double-driver, dual voice coil 18" curvilinear aluminum cone subwoofer pair will accurately reproduce low frequencies down below 15Hz. An oversized ceramic magnet provides massive power handling capabilities. Constructed with an HDF enclosure and a 1" thick CAT MBX105 ultra high-density driver baffle (CAT Proprietary fiber-reinforced composite).

Grilles

Most commonly, these loudspeakers are installed behind acoustic fabric and do not require grilles. However, many grille options exist.

[Click here to see a few grille examples](#)



Specifications

Model	Channels
CAT Pro Dual S4	4
Maximum SPL @ 1m	Frequency Response
134dB	10Hz-1000kHz
Minimum Amplifier Power	Maximum Amplifier Power
300W @ 4Ω	650W @ 4Ω
Nominal Impedance	Sensitivity
4Ω	90dB

Recommended Amplification

[CAT 300.8 Amplifier](#)

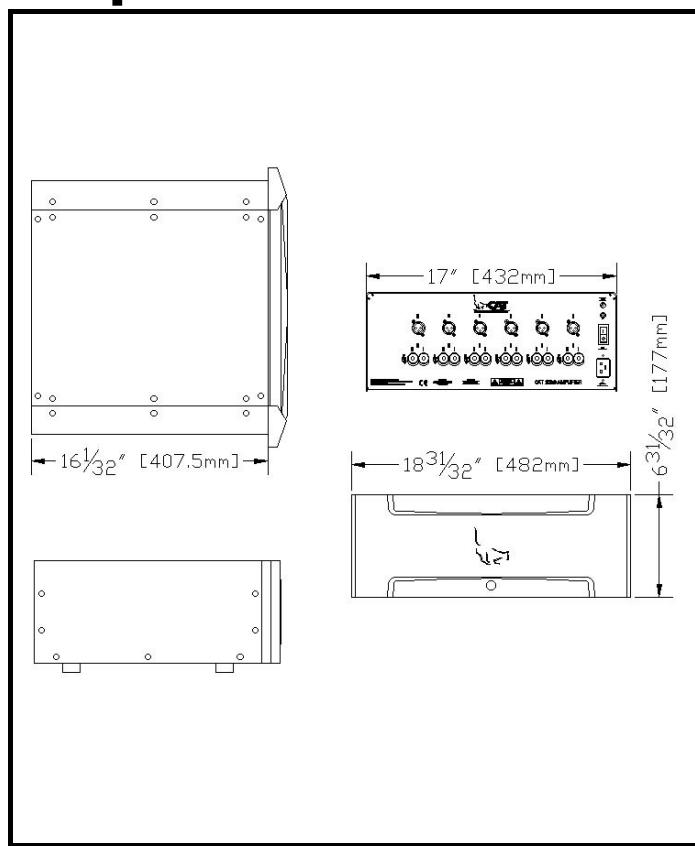
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CAT 200.6 Amplifier



The CAT 200.6 High Definition Power Amplifier delivers fast, accurate & clean power. Utilizing large, custom, audiophile quality, high-current toroidal transformers, filter capacitors and output transistors. This amp delivers over 200 pure watts x 6 channels into 4 ohm loads and can properly power demanding loudspeaker loads down to 2 ohms! Gold flashed circuit boards, and XLR isolation transformer protected inputs are some key performance features!



Specifications

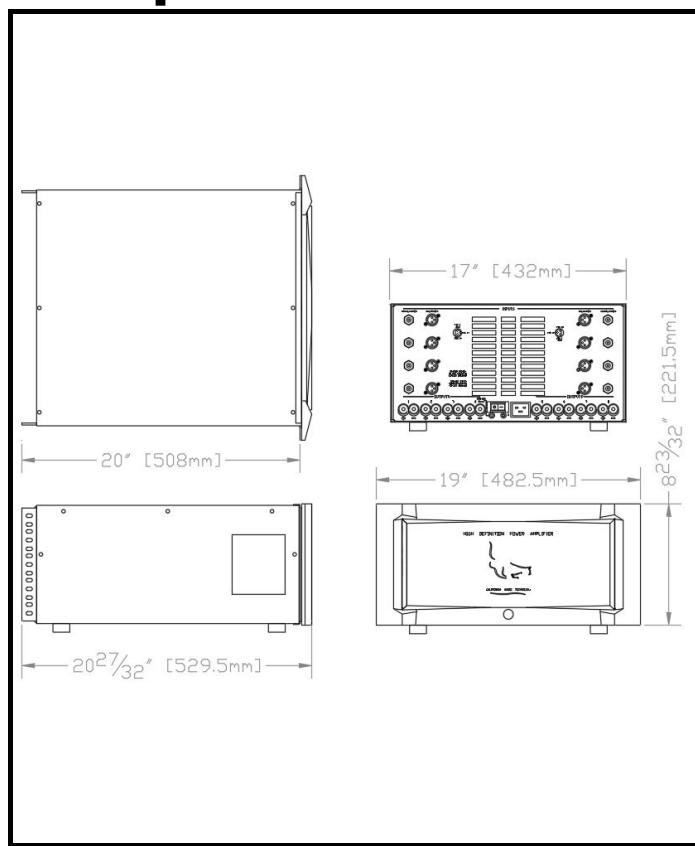
Model CAT 200.6	Signal to Noise Ration "A Weighted" > 120dB Below FTC Full Power
Heat Dissipation 2350 BTU/Hour	Crosstalk > -100dB from 20Hz-20kHz
Amplifier Class Class AB	Slew Rate 40 Volts/µs
Output Power (All Ch. Driven) 200W @ 4Ω	Mains and Power Supply C19 (20 Amp)
Power Supply Type Toroidal	Power Outputs 6
Main Rating 115V 15A / 230V 8A	Inputs (Quantity and Type) 6 - XLR
Frequency Response 5Hz-55kHz +/- 3dB	Weight 43 kg
Distortion THD+N (20Hz-10kHz) < 0.3% @ FTC Full Power	Dimensions (W x H x D) 483mm x 177mm x 419mm

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CAT 300.8 SE Amplifier



The CAT 300.8 SE High Definition Power Amplifier delivers fast, accurate & clean power. Utilizing extremely large, custom, audiophile quality, high-current toroidal transformers, filter capacitors and output transistors. This amp delivers over 300 pure watts x 8 channels into 4 ohm loads and can properly power demanding loudspeaker loads down to 2 ohms! Tunnel ram quiet-fan cooled, gold flashed circuit boards, XLR isolation transformer protected inputs & "Lightwave" optical comparitor protection are some key performance features!



Specifications

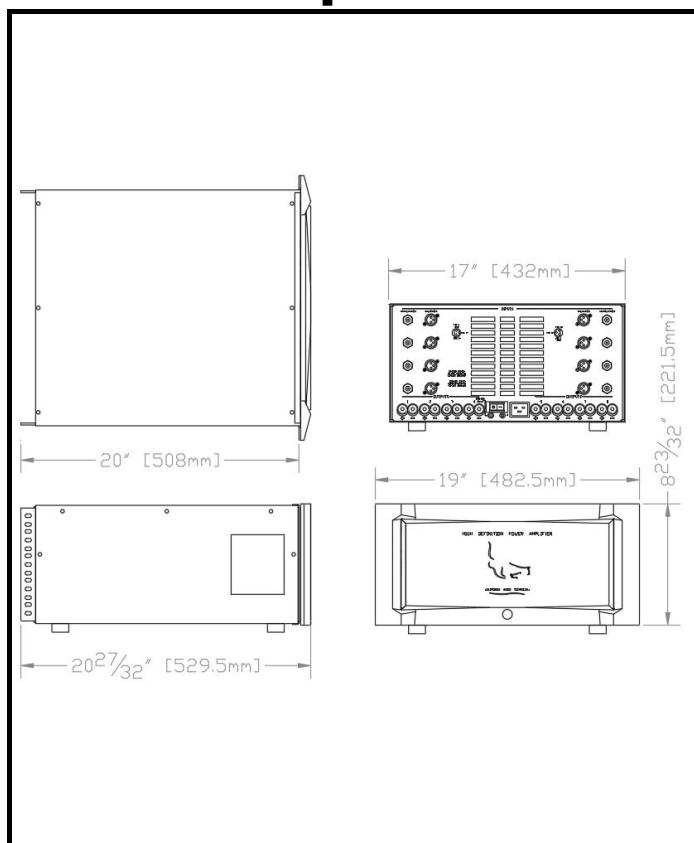
Model CAT 300.8 SE	Signal to Noise Ration "A Weighted" > 120dB Below FTC Full Power
Heat Dissipation 2350 BTU/Hour	Crosstalk > -100dB from 20Hz-20kHz
Amplifier Class Class AB	Slew Rate 40 Volts/µs
Output Power (All Ch. Driven) 300W @ 4Ω	Mains and Power Supply C19 (20 Amp)
Power Supply Type Toroidal	Power Outputs 8
Main Rating 115V 15A / 230V 8A	Inputs (Quantity and Type) 8 - XLR
Frequency Response 5Hz-55kHz +/- 3dB	Weight 61 kg
Distortion THD+N (20Hz-10kHz) < 0.3% @ FTC Full Power	Dimensions (W x H x D) 483mm x 222mm x 530mm

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CAT MBX 1250.2 FD XPR Amplifier



The CAT MBX 1250.2 FD XPR ultra high performance amplifier incorporates two 1250(+) watt mono-block "FD" fully differential output stage amplifiers in one chassis. This design doubles the slew rate, providing substantially increased speed, accuracy, musical realism, and far less listening fatigue at all volume levels. With 40 audiophile output transistors, over one Farad (1,000,000uF) of filter capacitance, and two proprietary toroidal transformers. Reliability (thanks to state of the art "Lightwave" protection), audiophile performance, "FD" speed and massive power (to drive the relentless demands of proprietary CAT MBX drivers - accuracy, speed, excursion, & extremely low impedance). All showcased in this industrially designed, CNC milled amplifier chassis that evokes the finest exotic automobiles!



Specifications

Model	Signal to Noise Ration "A Weighted"		
CAT MBX 1250.2 FD XPR	> 120dB Below FTC Full Power		
Heat Dissipation	Crosstalk		
2550 BTU/Hour	> -100dB from 20Hz-20kHz		
Amplifier Class	Slew Rate		
Class AB	40 Volts/µs		
Output Power (All Ch. Driven)	Mains and Power Supply		
1250W @ 4Ω	(2x) C19 (20 Amp)		
Power Supply Type	Power Outputs		
Toroidal	2		
Main Rating	Inputs (Quantity and Type)		
(2x) 115V 15A / 230V 8A	2 - XLR		
Frequency Response	Weight		
5Hz-55kHz +/- 3dB	65 kg		
Distortion THD+N (20Hz-10kHz)	Dimensions (W x H x D)		
< 0.3% @ FTC Full Power	483mm x 267mm x 597mm		

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Grille Options



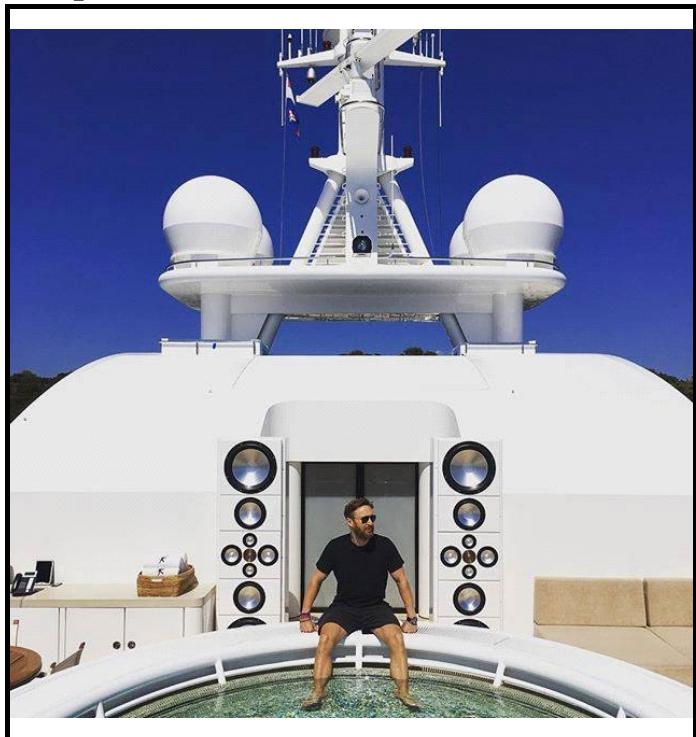
Custom grilles are limited only by your imagination! CAT can manufacture custom grilles in CNC milled billet aluminum, CNC milled fiberglass epoxy resin, fabric wrapped, stamped steel, or any other material of your choice. Here are just a few examples of potential grille style choices offered.

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Custom Loudspeakers



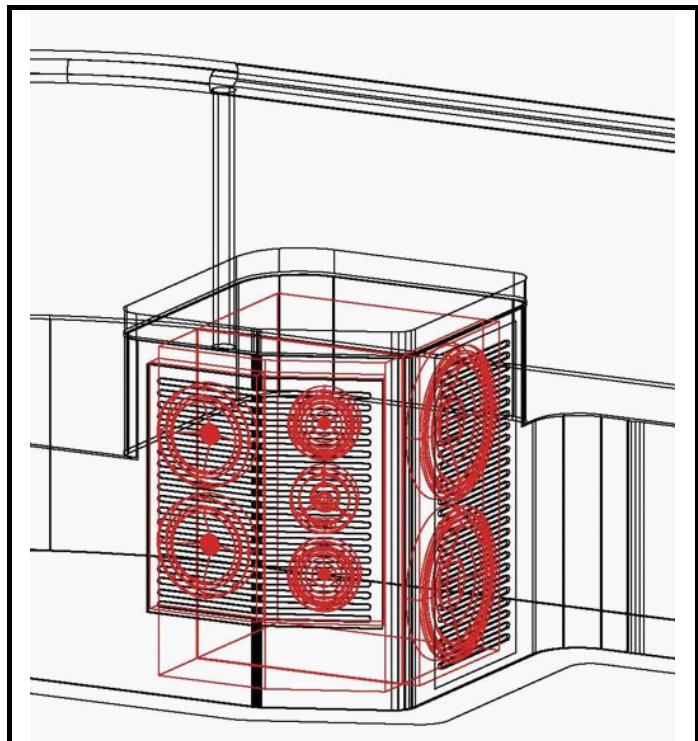
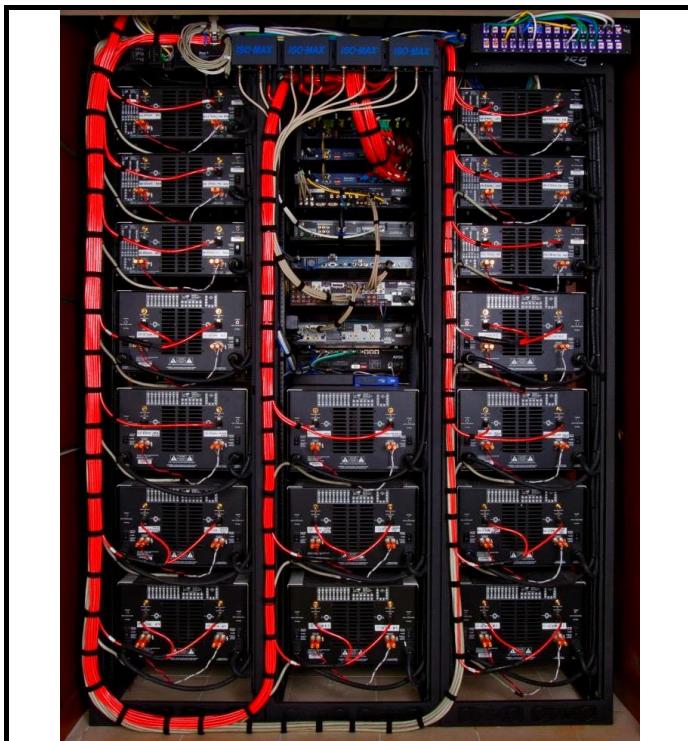
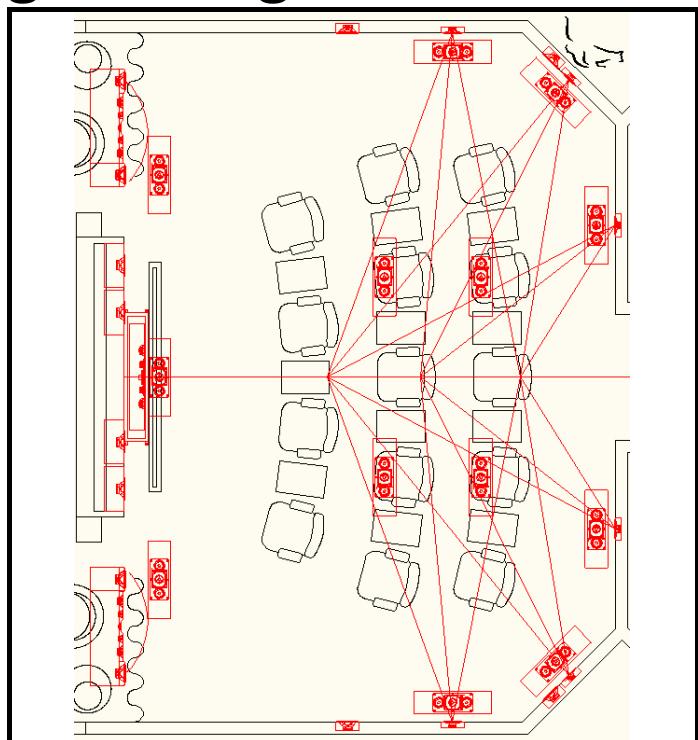
Your imagination is the limit! In addition to the outdoor products listed here, CAT engineers can adapt any of our residential products for outdoor use, and any outdoor product can be customized. Whether it's a simple height/width/length modification or an imaginative fully custom-built loudspeaker of highest grade materials and finishes of your choice, CAT can make any loudspeaker you dream of. Ask your CAT sales team member for an estimate to make your custom loudspeaker project a reality!

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Off-Site Engineering



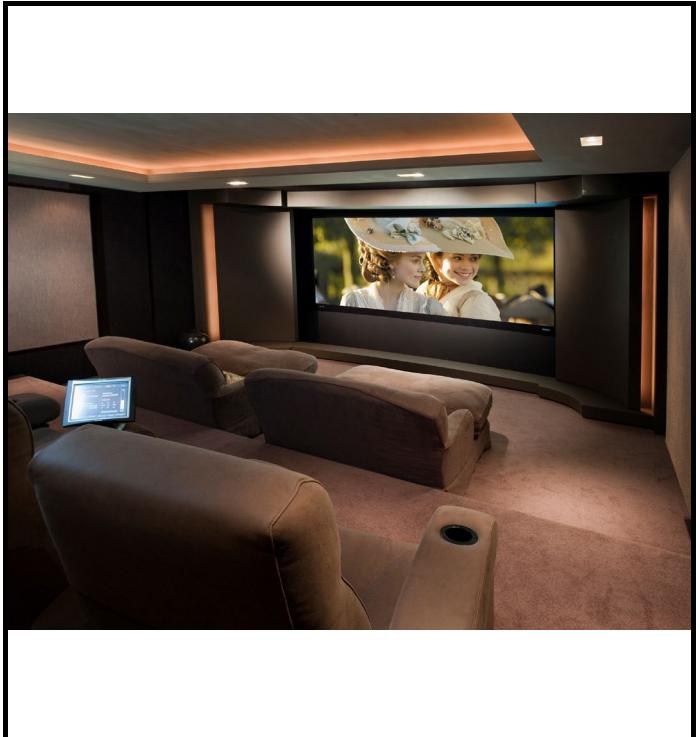
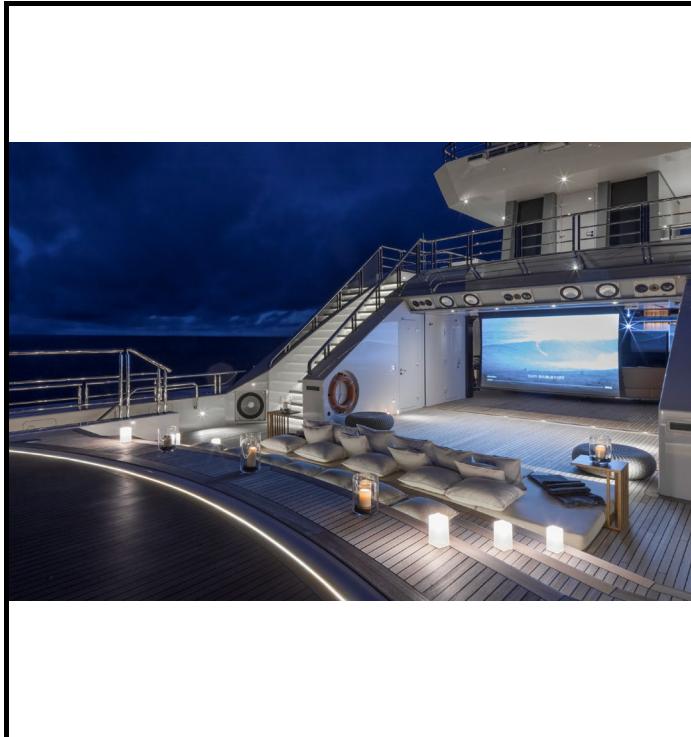
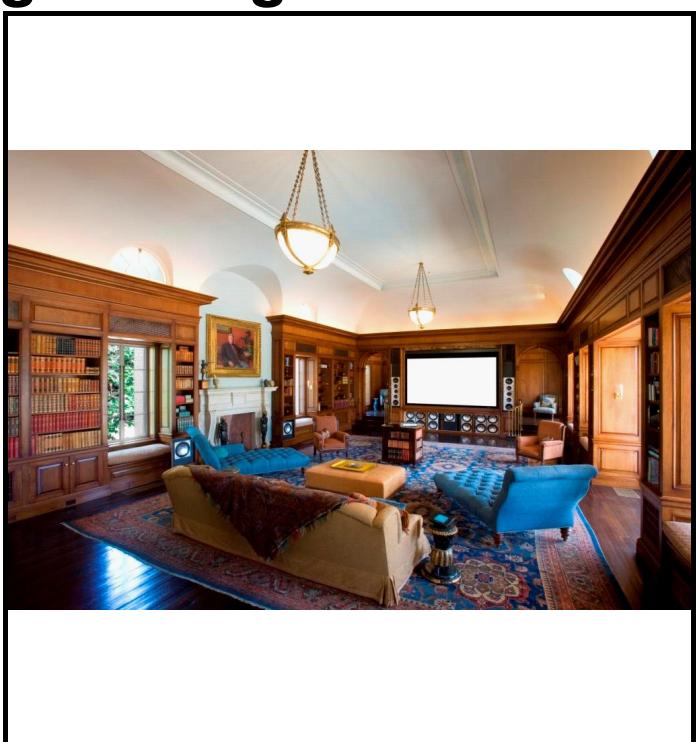
CAT offers engineering services including room acoustical treatment plans, loudspeaker placements and customizations, DSP programming, rack layouts and wiring schematics, custom CNC milled parts, and any other engineering work your project may need. CAT engineers can coordinate with your designers, integrators, architects, ship builders, and client teams to fully customize the best audio systems for your project.

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On-Site Engineering



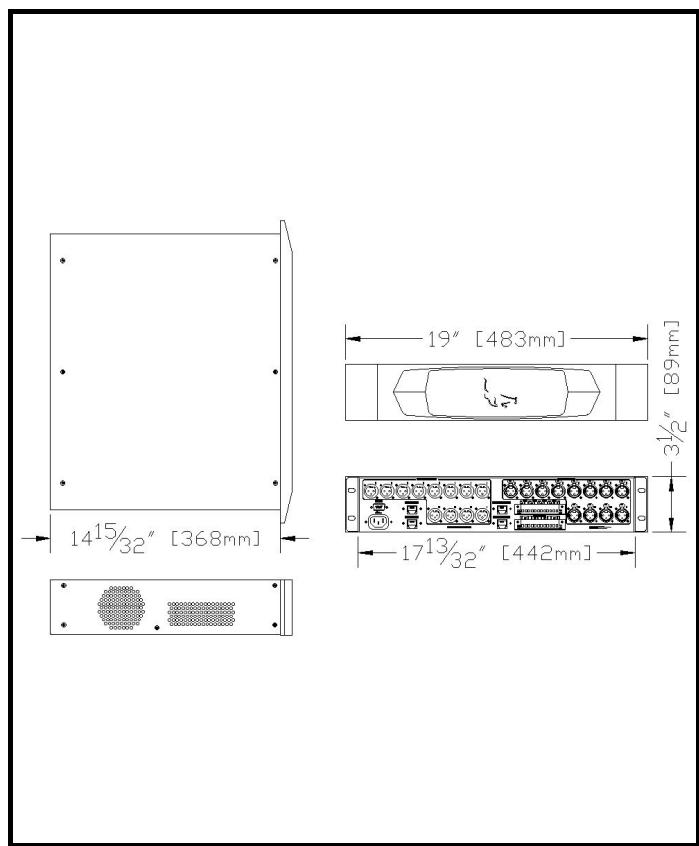
After your audio system is installed, CAT engineers will travel to your project anywhere in the world, and using state-of-the-art equipment and fully customized DSP programs, we will calibrate your audio system to perform at the best possible quality and output levels. CAT engineers will work with your integration team and project managers to customize any required presets or controls, such as having different EQ settings for screen masking or window shades open or closed, motorized speaker mount positions, or even different furniture configurations or listening preferences. At the client's request, the calibration will even be custom-tuned to their exact preferences. The number of days required varies by system scope, there is a minimum of two days for any system. Transportation and lodging will be billed separately.

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CAT MBX DSP 12x12



The CAT MBX DSP 12x12 is a Dante-enabled, 12-XLR-input, 12-XLR-output, high power digital signal processor. With a medical-grade linear power supply, shock-isolating mainboard mounts, and a machined billet aluminum faceplate. Two ethernet ports for control system integration, two Dante I/O ports supporting 128 Dante channels, optional USB audio port, ultra-low-noise high-fidelity ADCs and DACs.



Specifications

Model	THD + Noise
CAT MBX DSP 12x12	< -95dB; 1kHz @ +15dBu
Heat Dissipation	Crosstalk
180 BTU/Hour	> -100dB from 20Hz-20kHz
Raw Processing Capacity	Latency
500 MIPS, 6 GigaFLOPS, 2 GMACS	1.04 ms
Dynamic Range (A/D/A)	Mains and Power Supply
114 dB, A-weighted	C13 (15 Amp)
Delay Memory	Inputs (Quantity and Type)
174 Seconds (Sum of all channels)	12 - XLR
Main Rating	Outputs (Quantity and Type)
115V 15A / 230V 8A	12 - XLR
Frequency Response	Weight
20Hz-20kHz +/- 0.5dB	6.3 kg
Dante I/O	Dimensions (W x H x D)
64 Inputs, 64 Outputs	483mm x 177mm x 419mm

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Pro Systems



These Pro / Live Venue systems include the loudspeakers, subwoofers, amplifier, and DSP (if applicable) for a complete stereo audio system. Any of these systems can be customized to meet any budget or desire, just ask the CAT sales team for details of all your various options and pricing. Pricing shown here excludes audio source equipment, preamplifier, and cables/wires, taxes/duties, and travel.

Small

2	CAT Elite Pro x1 Line Array	\$25,800
2	CAT Pro S4 Subwoofer	\$14,500
1	CAT 300.8 Amplifier	\$24,000

DSP not included, requires a preamp capable of frequency-dividing

Total **\$64,300**

Medium

2	CAT Elite Pro x3 Line Array	\$77,400
4	CAT Pro S4 Subwoofer	\$29,000
2	CAT 300.8 Amplifier	\$48,000
1	CAT MBX DSP 12x12	\$22,150
2	Days of On-Site Engineering	\$15,000

Total **\$191,550**

Large

4	CAT Elite Pro x5 Line Array	\$258,000
6	CAT Pro Dual S4 Subwoofers	\$105,000
7	CAT 300.8 Amplifier	\$168,000
4	CAT MBX DSP 12x12	\$88,600
3	Days of On-Site Engineering	\$22,500

Total **\$642,100**

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