



Commercial Audio



## CA™ 12



The Crest Audio CA12 professional power amplifier is designed to achieve unsurpassed sonic performance and long-term reliability— even when operating under extreme stress—in touring or fixed installation applications. Absolute sonic accuracy is the hallmark of every Crest amplifier. Bass is solid and defined to the limits of audibility, with ample current reserves delivered by an “over-engineered” power supply and advanced Class H circuitry. Wide-bandwidth output devices assure detailed, transparent high frequency response. And, thanks to Crest’s exclusive IGM circuit, the CA12 will drive 2 ohm loads safely without compromise in performance.

### Construction and Quality Control

The CA12 is built exclusively in Crest’s own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CA12 receives a rigorous “hot room” burn-in before thorough final checkout on precision test equipment.

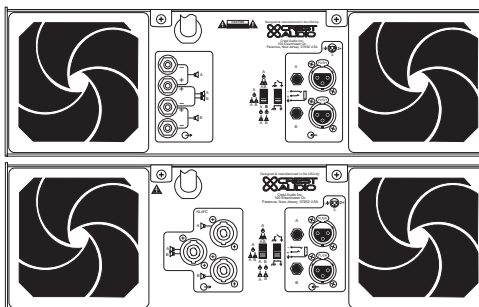
### CA 12 Features

- Crest’s legendary “overbuilt” power supply
- Toroidal power transformer
- Latest generation of high-speed, wide-bandwidth output devices
- Twin tunnel cooling with back-to-front air flow
- Dual, variable speed DC fans
- Massive, extruded aluminum heat sinks
- Balanced XLR and 1/4-inch (TRS) inputs
- 5-Way binding post outputs or Speakon™ connectors (market dependent)
- Stereo/parallel/bridged mono mode selector switch
- Ground lift switch
- TourClass® protection circuits
- Recessed, stepped attenuators
- Front panel circuit breaker switch
- Modular construction

Rear View,  
Binding Post  
Version



Rear View,  
Speakon  
Version  
(not available in  
North America)



## CA™ 18



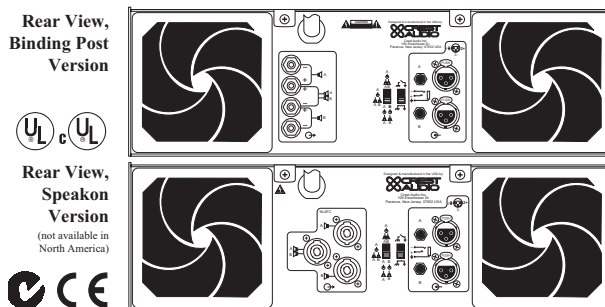
The Crest Audio CA18 professional power amplifier is designed to achieve unsurpassed sonic performance and long-term reliability—even when operating under extreme stress—in touring or fixed installation applications. Absolute sonic accuracy is the hallmark of every Crest amplifier. Bass is solid and defined to the limits of audibility, with ample current reserves delivered by an “over-engineered” power supply and advanced Class H circuitry. Wide-bandwidth output devices assure detailed, transparent high frequency response. And, thanks to Crest’s exclusive IGM circuit, the CA18 will drive 2 ohm loads safely without compromise in performance.

### Construction and Quality Control

The CA18 is built exclusively in Crest’s own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CA18 receives a rigorous “hot room” burn-in before thorough final checkout on precision test equipment.

### CA 18 Features

- Crest’s legendary “overbuilt” power supply
- Toroidal power transformer
- Latest generation of high-speed, wide-bandwidth output devices
- Twin tunnel cooling with back-to-front air flow
- Dual, variable speed DC fans
- Massive, extruded aluminum heat sinks
- Balanced XLR and 1/4-inch (TRS) inputs
- 5-Way binding post outputs or Speakon™ connectors (market dependent)
- Stereo/parallel/bridged mono mode selector switch
- Ground lift switch
- TourClass® protection circuits
- Input sensitivity selection
- Recessed, stepped attenuators
- Front panel circuit breaker switch
- Modular construction







The Professional Standard For 30+ Years

## CC™ Series Amplifiers



True to the Crest Audio heritage, CC™ Series amplifiers are based on the time-tested, proven design of the flagship Pro 200™ Series. The highly efficient linear power supply provides stable, high-output power for a wide range of demanding musical applications. Systems designed specifically for house mains, high-SPL foldback monitoring, subwoofers, mobile DJ work and contemporary worship will find the CC Series to be the perfect choice. Built under renowned Crest Audio engineering standards and forward-thinking manufacturing processes, CC Series amplifiers are cost-effective solutions to today's most demanding sound reinforcement applications.

- Toroidal power transformer
- Dual, variable-speed fans on CC 2800, CC 4000 and CC 5500, single fan on CC 1800
- Balanced XLR inputs
- Speakon® and 5-way binding post speaker outputs

- Mode selector switch for stereo, parallel and bridged mono operations
- Input sensitivity selection
- Recessed, stepped attenuators
- Front-panel circuit breaker switch
- TourClass® protection circuits

**These robust amps boast more power devices (16 per channel) than any competitive amplifier, plus a switched-rail Class-H output stage and triple-compound design to provide low distortion and excellent thermal stability.**



*Features and specifications subject to change without notice.*

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# CC™ Series Amplifiers

	CC 5500	CC 4000	CC 2800	CC 1800
<b>Stereo Power</b>				
8 $\Omega$ Stereo	1,150 W	800 W	595 W	450 W
4 $\Omega$ Stereo	1,800 W	1,350 W	965 W	700 W
2 $\Omega$ Stereo	2,750 W	2,000 W	1,400 W	900 W
<b>Bridged Mono</b>				
4 $\Omega$ Mono	5,500 W	4,000 W	2,800 W	1,850 W
Max Output Voltage RMS	115 V	93 V	82 V	73 V
8 $\Omega$ , 4 $\Omega$ Stereo and 8 $\Omega$ Bridged Mono power ratings @ 1kHz, <.05% THD+N both channels driven. 2 $\Omega$ Stereo and 4 $\Omega$ Bridged Mono power rating @ 1 kHz, < .1% THD+N				
<b>Class</b>	Switched Rail, H	Switched Rail, H	Switched Rail, H	Modulated Rail, H
<b>Unpacked Weight</b>	47 lbs (21.32 kg)	43.3 lbs (19.64 kg)	39.8 lbs (18.05 kg)	32.6 lbs (14.8 kg)
<b>Rack Space</b>	2	2	2	2



## CC™ 1800 Professional Amplifier



Crest Audio CC Series amplifiers are designed to achieve unsurpassed sonic performance and long-term reliability under extreme stress in touring or fixed installation applications. Absolute sonic accuracy is the hallmark of every Crest amplifier. Bass is solid and defined to the limits of audibility with ample current reserves. Wide-bandwidth output devices ensure detailed, transparent high frequency response. And, thanks to Crest's exclusive IGM™ circuit, the CC Series will drive 2Ω loads safely without compromising performance.

### Construction and Quality Control

Designed for years of reliable, flawless operation under rigorous use. The CC Series amplifiers offer the sonic superiority and unsurpassed reliability for which Crest Audio is famous, while remaining surprisingly compact. Advanced technology and extensive protection circuitry allow operation with greater efficiency into difficult loads and power conditions. Each assembly is pre-tested, and the assembled CC receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CC 1800 Features

- Toroidal power transformer
- Dual, variable speed fans on CC 2800, CC 4000, and CC 5500 single fan on model CC 1800
- Balanced XLR inputs
- Speakon® and 5-way binding post speaker outputs
- Mode selector switch for stereo, parallel and bridged-mono operation
- Input sensitivity selection
- Recessed, stepped attenuators
- Front panel circuit-breaker switch
- Five year warranty\*

### TOURCLASS/PROTECTION CIRCUITS

ACL™ (Active Clip Limiting) prevents speaker damage by providing gentle gain reduction when the signal approaches the clipping threshold.

IGM™ (Instantaneous Gain Modulation) monitors speaker loads to detect conditions that may overstress output devices. This allows safe operation into nominal 2Ω speaker loads.

AUTORAMP™ gradually increases gain to the attenuator level settings when the amplifier is turned on. This prevents abrupt turn-on level.

Other protection features include: short circuit, DC voltage, comprehensive thermal management and current in-rush turn-on/off; transient sub-sonic input.

## CC™ 2800 Professional Amplifier



Crest Audio CC Series amplifiers are designed to achieve unsurpassed sonic performance and long-term reliability under extreme stress in touring or fixed installation applications. Absolute sonic accuracy is the hallmark of every Crest amplifier. Bass is solid and defined to the limits of audibility with ample current reserves. Wide-bandwidth output devices ensure detailed, transparent high frequency response. And, thanks to Crest's exclusive IGM™ circuit, the CC Series will drive 2Ω loads safely without compromising performance.

### Construction and Quality Control

Designed for years of reliable, flawless operation under rigorous use. The CC Series amplifiers offer the sonic superiority and unsurpassed reliability for which Crest Audio is famous, while remaining surprisingly compact. Advanced technology and extensive protection circuitry allow operation with greater efficiency into difficult loads and power conditions. Each assembly is pre-tested, and the assembled CC receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CC 2800 Features

- Toroidal power transformer
- Dual, variable speed fans on CC 2800, CC 4000, and CC 5500 single fan on model CC 1800
- Balanced XLR inputs
- Speakon® and 5-way binding post speaker outputs
- Mode selector switch for stereo, parallel and bridged-mono operation
- Input sensitivity selection
- Recessed, stepped attenuators
- Front panel circuit-breaker switch
- Five year warranty\*

### TOURCLASS/PROTECTION CIRCUITS

ACL™ (Active Clip Limiting) prevents speaker damage by providing gentle gain reduction when the signal approaches the clipping threshold.

IGM™ (Instantaneous Gain Modulation) monitors speaker loads to detect conditions that may overstress output devices. This allows safe operation into nominal 2Ω speaker loads.

AUTORAMP™ gradually increases gain to the attenuator level settings when the amplifier is turned on. This prevents abrupt turn-on level.

Other protection features include: short circuit, DC voltage, comprehensive thermal management and current in-rush turn-on/off; transient sub-sonic input.

## CC™ 4000 Professional Amplifier



Crest Audio CC Series amplifiers are designed to achieve unsurpassed sonic performance and long-term reliability under extreme stress in touring or fixed installation applications. Absolute sonic accuracy is the hallmark of every Crest amplifier. Bass is solid and defined to the limits of audibility with ample current reserves. Wide-bandwidth output devices ensure detailed, transparent high frequency response. And, thanks to Crest's exclusive IGM™ circuit, the CC Series will drive 2Ω loads safely without compromising performance.

### Construction and Quality Control

Designed for years of reliable, flawless operation under rigorous use. The CC Series amplifiers offer the sonic superiority and unsurpassed reliability for which Crest Audio is famous, while remaining surprisingly compact. Advanced technology and extensive protection circuitry allow operation with greater efficiency into difficult loads and power conditions. Each assembly is pre-tested, and the assembled CC receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CC 4000 Features

- Toroidal power transformer
- Dual, variable speed fans on CC 2800, CC 4000, and CC 5500 single fan on model CC 1800
- Balanced XLR inputs
- Speakon® and 5-way binding post speaker outputs
- Mode selector switch for stereo, parallel and bridged-mono operation
- Input sensitivity selection
- Recessed, stepped attenuators
- Front panel circuit-breaker switch
- Five year warranty\*

### TOURCLASS/PROTECTION CIRCUITS

ACL™ (Active Clip Limiting) prevents speaker damage by providing gentle gain reduction when the signal approaches the clipping threshold.

IGM™ (Instantaneous Gain Modulation) monitors speaker loads to detect conditions that may overstress output devices. This allows safe operation into nominal 2Ω speaker loads.

AUTORAMP™ gradually increases gain to the attenuator level settings when the amplifier is turned on. This prevents abrupt turn-on level.

Other protection features include: short circuit, DC voltage, comprehensive thermal management and current in-rush turn-on/off; transient sub-sonic input.



## CC™ 5500 Professional Amplifier



Crest Audio CC Series amplifiers are designed to achieve unsurpassed sonic performance and long-term reliability under extreme stress in touring or fixed installation applications. Absolute sonic accuracy is the hallmark of every Crest amplifier. Bass is solid and defined to the limits of audibility with ample current reserves. Wide-bandwidth output devices ensure detailed, transparent high frequency response. And, thanks to Crest's exclusive IGM™ circuit, the CC Series will drive 2Ω loads safely without compromising performance.

### Construction and Quality Control

Designed for years of reliable, flawless operation under rigorous use. The CC Series amplifiers offer the sonic superiority and unsurpassed reliability for which Crest Audio is famous, while remaining surprisingly compact. Advanced technology and extensive protection circuitry allow operation with greater efficiency into difficult loads and power conditions. Each assembly is pre-tested, and the assembled CC receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CC 5500 Features

- Toroidal power transformer
- Dual, variable speed fans on CC 2800, CC 4000, and CC 5500 single fan on model CC 1800
- Balanced XLR inputs
- Speakon® and 5-way binding post speaker outputs
- Mode selector switch for stereo, parallel and bridged-mono operation
- Input sensitivity selection
- Recessed, stepped attenuators
- Front panel circuit-breaker switch
- Five year warranty\*

### TOURCLASS/PROTECTION CIRCUITS

ACL™ (Active Clip Limiting) prevents speaker damage by providing gentle gain reduction when the signal approaches the clipping threshold.

IGM™ (Instantaneous Gain Modulation) monitors speaker loads to detect conditions that may overstress output devices. This allows safe operation into nominal 2Ω speaker loads.

AUTORAMP™ gradually increases gain to the attenuator level settings when the amplifier is turned on. This prevents abrupt turn-on level.

Other protection features include: short circuit, DC voltage, comprehensive thermal management and current in-rush turn-on/off; transient sub-sonic input.



The Professional Standard For 30+ Years

## Ci™ Series Amplifiers



New to the Crest Audio family, the Ci™ Series brings high-performance audio to the systems integration market. The Ci Series features an efficient, air-cooled power supply in a compact, 2RU chassis, with support for constant-voltage outputs for installations that require a wide variety of loads with efficient rack layouts. Support for optional monitoring and control make the Ci Series a perfect choice for applications where paging, fire-alarm or priority control is required. Additional support for NexSys® control modules extends the Ci Series into advanced systems where integrated control, audio transport and signal processing is required at the amplifier.

- Four- and eight-channel versions available
- Individual channels are selectable as low impedance or 70 volt
- Front- and rear-panel indicators for amplifier status
- Full amplifier control and monitoring via NexSys® 4 software or Peavey® MediaMatrix® product and digital audio distribution
- Variable-speed fan
- Sequential turn-on standard
- Euro-style input connectors
- Barrier strip output connectors
- One controlled-voltage input per channel standard
- One fault relay per channel standard
- 100- and 50-volt operation supported with external accessories
- EN60849 and ANSI160849 compliant with optional accessories
- TourClass® protection



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# Ci<sup>™</sup> Series Amplifiers

Ci amplifiers are designed to drive low-impedance or 70-volt speaker loads without bridging between channels, and can accommodate modules that facilitate load monitoring, digital audio delivery and Crest Audio's NexSys<sup>®</sup> networking.



	Ci 20x8	Ci 30x4
<b>Dual Power</b>		
70V	200 W x 8	300 W x 4
8 $\Omega$	200 W x 8	300 W x 4
4 $\Omega$	150 W x 8	200 W x 4
<b>Bridged Mono Power</b>		
140V	400 W x 4	600 W x 2
16 $\Omega$	400 W x 4	600 W x 2
8 $\Omega$	300 W x 4	400 W x 2
4 $\Omega$		
<b>Class</b>	D	D
<b>Rack Space</b>	2	2
<b>Weight</b>	36.5 lbs. (16.65 kg)	34 lbs. (14.83 kg)





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## CLh™ Series Amplifiers



### CLh 5000   CLh 5000C   CLh 2500   CLh 2500C

The new Crest Audio CLh™ Series power amplifiers set a new standard for performance and efficiency for the contracting and installation market. Led by the CLh 5000 and CLh 2500 models, CLh amplifiers feature an ultra-high efficiency amplifier output circuit that reduces weight while increasing output power, reliability and thermal efficiency.

The Crest Audio CLh 5000 and CLh 2500 are ultra-high efficiency, servo-controlled,

class-D power amplifiers that deliver high power through two channels to balanced outputs for the ultimate in common-mode noise cancellation. The CLh 5000 produces 2,500 watts per channel continuous at 70.7 volts, while the CLh 2500 provides 1,250 watts per channel continuous at 70.7 volts (100V export models are the CLh 5000C and CLh 2500C). The state-of-the-art CLh series amplifiers deliver this power from a stunning 13 lb. package.

The CLh Series includes Crest Audio's exclusive ACL™ (Active Clip Limiting), which automatically reduces gain at the onset of clipping to prevent amplifier and load damage; over-current protection; DC voltage; channel active and temperature warning. Additional features include a lightweight switch-mode power supply, remote turn-on, sequential turn-on and a switchable, built-in low-cut filter.

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## CKd™ Series Amplifiers



### CKd 1208 CKd 1204 CKd 608 CKd 604

Decades of proven performance, reliability and intelligence converge in the Crest Audio CKd™ Series, combining the legendary overbuilt power supply design made famous by the Crest Audio Pro 200™ with NexSys® networking functionality and an ultra-lightweight class D topology. The design centers around an ultra-high efficiency amplifier output circuit which reduces weight while increasing output power, reliability and thermal efficiency.

The CKd Series offers four multi-channel models to meet the needs of demanding audio installations. The CKd 1208 and CKd 1204 provide 1,250 watts per channel in eight and four channels, respectively, while

the CKd 608 and CKd 604 provide 625 watts per channel in eight and four channels. Each amplifier channel will operate to rated power in direct 70-volt, 100-volt, 8-ohm or 4-ohm modes, configurable per channel.

CKd amplifiers are networkable through the new Crest Audio Nx Dante-8™ NexSys control module to the Crest Audio NexSys 5 and Peavey® MediaMatrix® NWare™ software programs for advanced control and audio routing. The Nx Dante-8 module fits into the rear bay of CKd Series power amps and supports all NexSys functions, DSP functions and Dante digital audio I/O via 1 Gigabit Ethernet connection.

A Control Voltage input is included on each channel to allow external gain control, while the Fault output on each channel allows the CKd power amps to be wired to other monitoring systems. In addition, users can conserve energy by disabling channels that are not in use.

The CKd Series includes Crest Audio's exclusive ACL™ (Active Clip Limiting), which automatically reduces gain at the onset of clipping to prevent amplifier and load damage, and IGM™ (Instantaneous Gain Modulation), which monitors load current to protect against overloading.

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## CKi™ Series Amplifiers



CKi™ Series amplifiers represent a unique blend of proven technology, advanced features, reliability and superior audio performance. Designed specifically for large-scale systems integration, CKi Series amplifiers are the heart of an advanced network, merging audio, control, monitoring and maintenance into a single amplifier. CKi Series amplifiers provide famous Crest Audio performance in a commercial package with advanced features and multiple expansion options. Integral module bays support optional network modules that transform these individual amplifiers into network nodes designed for complete integration. Additional support for the Nx™ Series modules and integration with Peavey® MediaMatrix® DSP processing systems provide powerful, turnkey systems. CKi Series amplifiers simplify the process of terminating output loads with models for direct-coupled and constant-voltage loads.

- Three-pin Euro-style inputs
- Terminal strip speaker outputs
- Mode selector switch for stereo, parallel & bridged-mono operation
- Input sensitivity selection
- Front panel circuit-breaker switch
- 70-volt stereo (V Series)
- Legendary robust power supply
- Rear-mounted attenuators with removable knobs
- Front-to-side cooling
- Signal present, active, protect and ACL™ LEDs on front and rear of amplifier
- PowerSave and sequential turn-off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- TourClass® Protection

Module bays on the rear of the CKi amplifiers allow users to install a wide variety of signal processing modules, which can then be placed under computer control.



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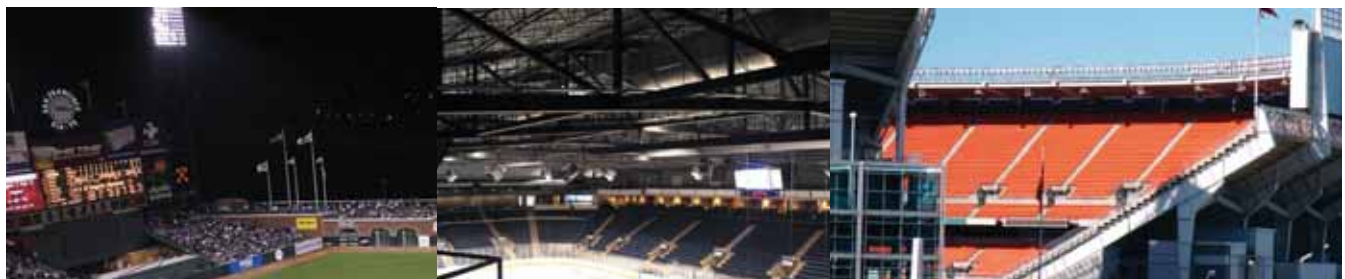
# CKi™ Series Amplifiers



CKi S AMPS	CKi 1600S	CKi 1200S	CKi 800-2S	CKi 800S	CKi 400S	CKi 200S	CKi 100S
<b>Stereo Power</b>							
8 $\Omega$ Stereo	815 W	630 W	420 W	440 W	255 W	120 W	60 W
4 $\Omega$ Stereo	1130 W	940 W	670 W	670 W	320 W	175 W	90 W
2 $\Omega$ Stereo	1440 W	1130 W	870 W	N/A	N/A	N/A	N/A
<b>Bridged Mono</b>							
8 $\Omega$ Mono	2260 W	1880 W	880 W	880 W	510 W	350 W	180 W
4 $\Omega$ Mono	2880 W	2260 W	1740 W	N/A	N/A	N/A	N/A
<b>Output Voltage RMS</b>	90 V	78 V	64 V	64 V	56 V	32 V	22 V
<b>Maximum</b>	127 V	110 V	90 V	90 V	64 V	45 V	31 V
Power ratings are Watts per channel, both channels driven, 1kHz, 0.02% THD+N							
<b>Class</b>	H	H	H	AB	AB	AB	AB
<b>Rack Space</b>	4	4	3	3	2	2	2
<b>Weight</b>	70.7 lbs. (32 kg)	70.7 lbs. (32 kg)	70.7 lbs. (32 kg)	50.5 lbs. (22.8 kg)	30.4 lbs. (13.8 kg)	29.4 lbs. (13.3 kg)	6.6 lbs. (12 kg)

CKi V AMPS	CKi 2400V	CKi 1600V	CKi 800V	CKi 400V	CKi 200V	CKi 100V
<b>Stereo Power</b>						
70.7 Volts	1200 W	800 W	400 W	200 W	100 W	50 W
<b>Bridged</b>						
140 Volts	2400 W	1600 W	800 W	400 W	200 W	100 W
<b>Output Voltage RMS</b>	92 V	92 V	92 V	92 V	92 V	92 V
<b>Maximum</b>	140 V	140 V	140 V	140 V	140 V	140 V
70.0 Volt power rating is Watts per channel, both channels driven, 20Hz - 20kHz, 0.02% THD+N						
*Bridged mono operation						
<b>Class</b>	H	H	AB	AB	AB	AB
<b>Rack Space</b>	4	4	3	2	2	2
<b>Weight</b>	70.7 lbs. (32 kg)	70.7 lbs. (32 kg)	50.2 lbs. (22.8 kg)	30.7 lbs. (13.9 kg)	27.2 lbs. (12.4 kg)	5.3 lbs. (11.5 kg)

CKi X AMPS	CKi 800X	CKi 500X	CKi 300X	CKi 150X
<b>Stereo Power</b>				
50 Volts*	400 W	250 W	150 W	75 W
70 Volts	400 W	250 W	150 W	75 W
100 Volts	400 W	250 W	150 W	75 W
<b>Bridged</b>				
200 Volts	800 W	500 W	300 W	150 W
100 Volts*				
<b>Output Voltage RMS</b>	105 V	105 V	105 V	105 V
<b>Maximum</b>	200 V	200 V	200 V	200 V
70.0 Volt power rating is Watts per channel, both channels driven, 20Hz - 20kHz, 0.02% THD+N				
*Bridged mono operation				
<b>Class</b>	AB	AB	AB	AB
<b>Rack Space</b>	3	3	3	3
<b>Weight</b>	57 lbs. (25.9 kg)	35 lbs. (15.9 kg)	35 lbs. (15.9 kg)	32 lbs. (14.6 kg)



## CKi™ 100S Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 100S Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."



## CKi™ 200S Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 200S Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."

## CKi™ 400S Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 400S Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."

## CKi™ 800-2S Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 800-2S Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."

## CKi™ 800S Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 800S Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."



## CKi™ 1200S Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 1200S Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."

## CKi™ 1600S Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 1600S Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."

## CKi™ 100V Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 100V Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."

## CKi™ 200V Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 200V Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."

## CKi™ 400V Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 400V Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."



## CKi™ 800V Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 800V Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."

## CKi™ 800V Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 800V Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."

## CKi™ 1600V Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 1600V Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."

## CKi™ 2400V Professional Installation Amplifier



With their proven track record, CKi amplifiers are designed for the most demanding contractor applications. With the ability to deliver audio, via CobraNet, and control on one CAT5 cable, the CKi series enables contractors and system designers to perform functions that other amplifier manufacturers simply cannot. By using Ethernet technology directly to the amplifier, the CKi series becomes an ultra scalable system capable of economically powering anything from the smallest building to the largest theme park or stadium.

### Construction and Quality Control

The CKi Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CKi amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CKi 2400V Features

- Legendary overbuilt power supply
- Rear-mounted attenuators with removable knobs
- Euro-style connection block, input and output
- Front panel labeling area
- Signal present, active, protect and ACL. LEDs (on front and rear of amplifier)
- PowerSave and sequential turn off (hardwired STO standard on all models)
- Fault I/O for connection to other monitoring systems
- Optional input isolation transformers available
- Five-year warranty

### PowerSave

All CKi amplifiers come standard with PowerSave circuitry. This effectively reduces current draw and thermal emissions to a minimum when the amplifier is at idle. PowerSave operates by cutting off the bias current to the output stage after absence of signal is sensed at the input. When signal presents itself, PowerSave instantly restores the bias current after the first positive-going waveform. Current draw specifications while PowerSave is active are included in specifications under "Idle Current Draw."



The Professional Standard For 30+ Years

## Crest Audio Industrial Amplifiers



Complex commercial audio installations often require hundreds of loudspeaker zones with a variety of loudspeaker loads. Crest Audio industrial amplifiers provide efficient, cost-effective solutions for a wide variety of multi-zone installations with strong, reliable workhorse design and construction.

### CM™ Series

The CM Series breaks new ground by providing Crest Audio sonic performance in powerful, multi-channel configurations. The perfect choice for multi-zone systems, the CM Series provides up to 220 watts in four- and eight-channel 2RU packages. Support for multiple loads is provided with configurable channels to allow termination of direct-coupled or constant-voltage loudspeaker loads. Front-panel signal monitoring, rear-panel terminations, rear-panel attenuators and loudspeaker protection circuitry ensure hassle-free operation for a wide variety of applications.

- **Multi-load architecture allows low impedance or 70V operation at the same power levels without select switch (100V or 50V output operation with CMX accessory)**

- Low mains current draw
- Cost effective for many multi-channel applications
- Flexible configuration
- Excellent sound quality
- Easy setup
- TourClass® protection circuits

### PA-150™

The Crest Audio PA-150 is a time-tested, efficient and versatile power amplifier. With 75 watts in a two-channel, 1RU package, the PA-150 is a great addition to many systems. With support for direct-coupled and constant-voltage loads\*, the PA-150 is often used as a supplement for larger installations

where additional zones are required. In smaller applications, the PA-150's small size and integral convection cooling make it the perfect choice when high-quality audio is required and space is at a premium.

**\*Optional accessory required for 100-volt constant-voltage operation.**

- Load selector switch
- 75 watts RMS/channel (4, 8 or 16 ohms)
- Bridged mode operation (150 watts, 8 ohms)
- Electronically balanced inputs
- Single rack space
- Convection cooled
- TourClass® protection circuits

Features and specifications subject to change without notice.

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# Crest Audio Industrial Amplifiers

CM™ Series amps are at home wherever industrial-strength power is required, from paging systems in venues like airports and schools to house systems in bars, clubs, restaurants, video conferencing systems, hotels, motels, retail stores and more.

## CM™ SERIES CM 2204/CM 2208 POWER AMPLIFIERS

	CM 2204	CM 2208
Output Power		
4 $\Omega$	150 W x 4	150 W x 8
8 $\Omega$	220 W x 4	220 W x 8
70V	220 W x 4	220 W x 8
Class	D	D
Unpacked Weight	34 lbs. (14.83 kg)	36.5 lbs. (16.65 kg)
Rack Space	2	2



## PA™ 150 DUAL-CHANNEL POWER AMPLIFIER

	PA 150
Output Power	
4 $\Omega$	75 W x 2
Class	A/B
Unpacked Weight	16.5 lbs. (7.5 kg)
Rack Space	1



## CM™ 2204 Professional Installation Amplifier



CM™ Series power amplifiers feature a unique amplification architecture providing a host of user benefits including simplified operation and use in multiple applications, as well as unsurpassed sonic quality and flexible power.

CM Series products comprise four-channel (CM 2204-AB/DV) and eightchannel (CM 2208-AB/DV) units (channels are independent). A host of applications benefit from the use of multiple channel amplification, including bars, clubs and restaurants; video conferencing systems; hotels and motels; industrial installations; and retail stores, among others. One amplifier for multiple applications provides a cost-effective solution, expansion opportunities and unparalleled flexibility.

### Construction and Quality Control

The CM Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CM amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CM 2204 Features

- 4- or 8-channel power amp systems—220 Watts RMS per channel (70 Volts)
- Low-Z (4 or 8 Ohms) or 70 Volt output
- Input connectors: balanced three-pin Phoenix
- Output connectors: two-pin Phoenix
- Full range of protection circuits including ACL, IGM and AUTORAMP
- 16-gauge steel chassis
- 2U rack space height
- Protection Circuits / Safety including: ACL™, IGM™, and Autoramp™
- Front-to-side cooling
- Front-panel LED indicators per channel: signal, clip, and protect
- Input and output mating connectors are included

## CM™ 2208 Professional Installation Amplifier



CM™ Series power amplifiers feature a unique amplification architecture providing a host of user benefits including simplified operation and use in multiple applications, as well as unsurpassed sonic quality and flexible power.

CM Series products comprise four-channel (CM 2204-AB/DV) and eightchannel (CM 2208-AB/DV) units (channels are independent). A host of applications benefit from the use of multiple channel amplification, including bars, clubs and restaurants; video conferencing systems; hotels and motels; industrial installations; and retail stores, among others. One amplifier for multiple applications provides a cost-effective solution, expansion opportunities and unparalleled flexibility.

### Construction and Quality Control

The CM Series is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled CM amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### CM 2208 Features

- 4- or 8-channel power amp systems—220 Watts RMS per channel (70 Volts)
- Low-Z (4 or 8 Ohms) or 70 Volt output
- Input connectors: balanced three-pin Phoenix
- Output connectors: two-pin Phoenix
- Full range of protection circuits including ACL, IGM and AUTORAMP
- 16-gauge steel chassis
- 2U rack space height
- Protection Circuits / Safety including: ACL™, IGM™, and Autoramp™
- Front-to-side cooling
- Front-panel LED indicators per channel: signal, clip, and protect
- Input and output mating connectors are included

## PA™ 150 Professional Amplifier



The PA 150 is a rugged, medium-power amplifier with features that make it stand alone in the industry. It's a rack-mountable unit which occupies only one rack space, and yet packs a 75 W RMS per channel punch into 4, 8, or 16 Ohms. It's selectable; a feature seldom found on the typical solid state amp. In bridge mode, this unit delivers 150 W RMS into 8, 16, and 32 Ohms. You might ask why 32 Ohms; that's the load impedance for a 150 Watt, 70 Volt distribution system. There's no fan in this unit to make noise. Adequate cooling is provided by two massive heat sinks. Each channel is protected from excessive operating temperatures with a thermal/fault system that is automatic, and only activates under extreme conditions.

### Construction and Quality Control

The PA 150 has an exclusive SPS compression system that senses conditions which might overload the amplifier and activates compression circuitry when clipping is imminent. This technique utilizes every precious Watt available to power transformer with three different voltage taps. The rear panel three-position selector switch then gives this amp the impedance selection capability by changing the internal "rail" operating voltages. Toroidal power transformers offer very high efficient operation (cool), have very low magnetic fields (hum), and are relatively small in size (weight).

The PA 150 is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled PA 150 amplifier receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### PA 150 Features

- 19" rack-mountable
- one rack space
- 75 W RMS per channel
- 150 W RMS bridge mode
- selectable 4, 8, or 16 Ohms
- SPS™ compression on each channel
- electronically balanced inputs
- convection cooled
- heavy-duty rocker power switch
- LED power indicator
- SPS activation LED on each channel
- barrier strip inputs
- barrier strip outputs
- detented 1 dB level controls
- stereo/bridge mode switch
- impedance selector



The Professional Standard For 30+ Years

## CPX™ Series Amplifiers



With the four rugged, ultra-affordable power amplifier designs in the CPX™ Series, Crest Audio engineers kept the frills where they count—on the inside. Over-built and over-engineered for added reliability and efficiency, CPX amps feature built-in subwoofer crossovers, low-cut filters, Speakon® output connectors and an exclusive V-shaped Turbo Cooling™ airway that progressively narrows to concentrate air flow for maximum heat transfer from the output devices mounted on each side. Crest Audio's exclusive Gain Comparator Limiting™ (GCL) circuitry senses the onset of clipping and dynamically reduces the gain for a few milliseconds, allowing users to drive CPX amps to their maximum without hearing any distortion.

### CPX 3800

- Crest Audio's exclusive Gain Comparator Limiting (GCL) system for maximum output without audible distortion
- Demand-sensitive, variable-speed fans
- Detented gain controls
- Power, GCL and signal present LEDs on each channel
- Built-in 150 Hz, 18 dB/octave subwoofer crossover with 1/4" output
- Current in-rush limiter
- Overheat, short circuit, clip limiting, faulty load and DC circuits protect your valuable sound reinforcement speakers and the CPX amplifier
- Barrier strip, balanced XLR and 1/4" TRS inputs with signal pass-through
- Massive toroidal transformer and storage capacitors

### CPX 2600/CPX1500/CPX900

- Gain Comparator Limiting (GCL) system
- Rear-panel GCL defeat switch
- Built-in crossover
- 150 Hz, 24 dB per octave Linkwitz-Riley filter, tuned for subs
- Individual in/out of the crossover
- 1/4" daisy-chain outputs
- 18 dB per octave at 80 Hz defeatable low cut filter
- Input connectors: barrier strip, female XLR and 1/4"
- Speakon® outputs for Ch A and B and bridged mono
- Binding post outputs
- Mode selector switch for stereo and bridged-mono operation
- Two-speed DC fan

Features and specifications subject to change without notice.

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# CPX™ Series Amplifiers

The CPX™ is an affordable line of amplifiers geared toward the MI and DJ markets. Industry-standard connectors and features make the CPX essential for mobile sound systems, project studios and musicians.



	CPX 3800	CPX 2600	CPX 1500	CPX 900
<b>Stereo Power</b>				
8 Ω Stereo	800 W	540 W	300 W	180 W
4 Ω Stereo	1,300 W	900 W	500 W	300 W
<b>Bridged Mono</b>				
8 Ω Mono	2,650 W	1,800 W	1,000 W	600 W
<b>Class</b>	Class H	Class H	Class AB	Class AB
<b>Unpacked Weight</b>	43 lbs. (19.5 kg)	49 lbs. (23.3 kg)	45 lbs. (20.5 kg)	40 lbs. (18.2 kg)
<b>Rack Space</b>	2	2	2	2





The Professional Standard For 30+ Years

## Pro 200™ Series Amplifiers



Famous for superior sonic performance, reliable operation and long service life, the Professional Series firmly established Crest Audio in the world of professional touring sound reinforcement amplification. Today, the Crest Audio Pro 200™ Series extends that tradition with new lightweight, cost-effective amplifiers designed for touring, fixed sound reinforcement and advanced audio/visual systems. New advances in design, technology and manufacturing, combined with new features and a lightweight rugged chassis, make the Pro 200 Series the perfect choice in high-performance power amplifiers.

- Latest generation high-speed, wide-bandwidth output devices
- Dual, variable-speed fans
- Balanced Neutrik® Combi inputs
- Speakon® and 5-way binding post speaker outputs

- Mode selector switch for stereo, parallel & bridged mono operation
- Input sensitivity selection
- Recessed, stepped attenuators
- Front-panel circuit breaker switch combination
- TourClass® Protection

Designed with touring sound professionals in mind, the Crest Pro 200 Series power amplifiers faithfully produce audio at high power with low distortion in a lightweight, economical package.



Features and specifications subject to change without notice.

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# PRO 200™ Series Amplifiers



**Pro 200 Series amplifiers  
pack more power on the truck.**

	Pro 9200	Pro 8200	Pro 7200	Pro 5200
<b>Stereo Power</b>				
8 $\Omega$ Stereo	1,300 W	825 W	590 W	290 W
4 $\Omega$ Stereo	2,200 W	1,450 W	1,000 W	525 W
2 $\Omega$ Stereo	3,250 W	2,250 W	1,650 W	850 W
<b>Bridged Mono</b>				
8 $\Omega$ Mono	4,400 W	2,900 W	2,000 W	1,050 W
4 $\Omega$ Mono	6,500 W	4,500 W	3,300 W	1,700 W
Output Voltage RMS	113 V	90 V	75 V	52 V
8 $\Omega$ , 4 $\Omega$ Stereo and 8 $\Omega$ Bridged Mono Power ratings @ 1kHz, <.05% THD+N both channels driven. 2 $\Omega$ Stereo and 4 $\Omega$ Bridged Mono Power rating @ 1 kHz, <.1% THD+N				
<b>Class</b>	H	H	H	A/B
<b>Unpacked Weight</b>	21.8 lbs. (10 kg)	21.8 lbs. (10 kg)	21.8 lbs. (10 kg)	25 lbs. (11.34 kg)
<b>Rack Space</b>	2	2	2	2



## Pro 5200 Professional Amplifier



Crest Audio CC Series amplifiers are designed to achieve unsurpassed sonic performance and long-term reliability under extreme stress in touring or fixed installation applications. Absolute sonic accuracy is the hallmark of every Crest amplifier. Bass is solid and defined to the limits of audibility with ample current reserves. Wide-bandwidth output devices ensure detailed, transparent high frequency response. And, thanks to Crest's exclusive IGM™ circuit, the Pro 200 Series will drive 2Ω loads safely without compromising performance.

### Construction and Quality Control

The Pro 5200 is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled Pro 5200 receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### Pro 5200 Features

- Dramatically reduced net weight
- Latest generation of high speed, wide-bandwidth output devices
- Dual, variable speed fans
- Balanced XLR inputs
- Speakon® and 5-way binding post speaker outputs
- Mode selector switch for stereo, parallel and bridged-mono operation
- Input sensitivity selection
- Recessed, stepped attenuators
- Front panel circuit - breaker switch

### TOURCLASS/PROTECTION CIRCUITS

ACL™ (Active Clip Limiting) prevents speaker damage by providing gentle gain reduction when the signal approaches the clipping threshold.

IGM™ (Instantaneous Gain Modulation) monitors speaker loads to detect conditions that may overstress output devices. This allows safe operation into nominal 2Ω speaker loads.

AUTORAMP™ gradually increases gain to the attenuator level settings when the amplifier is turned on. This prevents abrupt turn-on level.

Other protection features include: short circuit, DC voltage, comprehensive thermal management and current in-rush turn-on/off; transient sub-sonic input.

## Pro 7200 Professional Amplifier



Crest Audio Pro 200 Series amplifiers are designed to achieve unsurpassed sonic performance and long-term reliability under extreme stress in touring or fixed installation applications. Absolute sonic accuracy is the hallmark of every Crest amplifier. Bass is solid and defined to the limits of audibility with ample current reserves. Wide-bandwidth output devices ensure detailed, transparent high frequency response. And, thanks to Crest's exclusive IGM™ circuit, the Pro 200 Series will drive 2Ω loads safely without compromising performance.

### Construction and Quality Control

The Pro 7200 is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled Pro 9200 receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### Pro 7200 Features

- Dramatically reduced net weight
- Latest generation of high speed, wide-bandwidth output devices
- Dual, variable speed fans
- Balanced XLR inputs
- Speakon® and 5-way binding post speaker outputs
- Mode selector switch for stereo, parallel and bridged-mono operation
- Input sensitivity selection
- Recessed, stepped attenuators
- Front panel circuit - breaker switch

### TOURCLASS/PROTECTION CIRCUITS

ACL™ (Active Clip Limiting) prevents speaker damage by providing gentle gain reduction when the signal approaches the clipping threshold.

IGM™ (Instantaneous Gain Modulation) monitors speaker loads to detect conditions that may overstress output devices. This allows safe operation into nominal 2Ω speaker loads.

AUTORAMP™ gradually increases gain to the attenuator level settings when the amplifier is turned on. This prevents abrupt turn-on level.

Other protection features include: short circuit, DC voltage, comprehensive thermal management and current in-rush turn-on/off; transient sub-sonic input.



## Pro 8200 Professional Amplifier



Crest Audio Pro 200 Series amplifiers are designed to achieve unsurpassed sonic performance and long-term reliability under extreme stress in touring or fixed installation applications. Absolute sonic accuracy is the hallmark of every Crest amplifier. Bass is solid and defined to the limits of audibility with ample current reserves. Wide-bandwidth output devices ensure detailed, transparent high frequency response. And, thanks to Crest's exclusive IGM™ circuit, the Pro 200 Series will drive 2Ω loads safely without compromising performance.

### Construction and Quality Control

The Pro 8200 is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled Pro 8200 receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### Pro 8200 Features

- Dramatically reduced net weight
- Latest generation of high speed, wide-bandwidth output devices
- Dual, variable speed fans
- Balanced XLR inputs
- Speakon® and 5-way binding post speaker outputs
- Mode selector switch for stereo, parallel and bridged-mono operation
- Input sensitivity selection
- Recessed, stepped attenuators
- Front panel circuit - breaker switch

### TOURCLASS/PROTECTION CIRCUITS

ACL™ (Active Clip Limiting) prevents speaker damage by providing gentle gain reduction when the signal approaches the clipping threshold.

IGM™ (Instantaneous Gain Modulation) monitors speaker loads to detect conditions that may overstress output devices. This allows safe operation into nominal 2Ω speaker loads.

AUTORAMP™ gradually increases gain to the attenuator level settings when the amplifier is turned on. This prevents abrupt turn-on level.

Other protection features include: short circuit, DC voltage, comprehensive thermal management and current in-rush turn-on/off; transient sub-sonic input.

## Pro 9200 Professional Amplifier



Crest Audio Pro 200 Series amplifiers are designed to achieve unsurpassed sonic performance and long-term reliability under extreme stress in touring or fixed installation applications. Absolute sonic accuracy is the hallmark of every Crest amplifier. Bass is solid and defined to the limits of audibility with ample current reserves. Wide-bandwidth output devices ensure detailed, transparent high frequency response. And, thanks to Crest's exclusive IGM™ circuit, the Pro 200 Series will drive 2Ω loads safely without compromising performance.

### Construction and Quality Control

The Pro 9200 is built exclusively in Crest's own USA manufacturing facility, with internal components selected for premium quality and proven durability. Each modular subassembly is pre-tested, and the assembled Pro 9200 receives a rigorous "hot room" burn-in before thorough final checkout on precision test equipment.

### Pro 9200 Features

- Dramatically reduced net weight
- Latest generation of high speed, wide-bandwidth output devices
- Dual, variable speed fans
- Balanced XLR inputs
- Speakon® and 5-way binding post speaker outputs
- Mode selector switch for stereo, parallel and bridged-mono operation
- Input sensitivity selection
- Recessed, stepped attenuators
- Front panel circuit - breaker switch

### TOURCLASS/PROTECTION CIRCUITS

ACL™ (Active Clip Limiting) prevents speaker damage by providing gentle gain reduction when the signal approaches the clipping threshold.

IGM™ (Instantaneous Gain Modulation) monitors speaker loads to detect conditions that may overstress output devices. This allows safe operation into nominal 2Ω speaker loads.

AUTORAMP™ gradually increases gain to the attenuator level settings when the amplifier is turned on. This prevents abrupt turn-on level.

Other protection features include: short circuit, DC voltage, comprehensive thermal management and current in-rush turn-on/off; transient sub-sonic input.



The Professional Standard For 30+ Years

## Pro-LITE™ Series Amplifiers



Featuring an efficient design and built on the solid, three-decade legacy of Crest Audio amplifiers, Pro-LITE™ Series power amps provide high power and rock-solid performance in an ultra-efficient lightweight package for all professional audio applications. The Crest Audio Pro-LITE amplifiers are designed with an advanced, high-speed class D design with a switch-mode power supply that reduces weight while increasing reliability, thermal efficiency and output power in parallel, stereo and bridged modes. The Pro-LITE Series includes the 7.5, 5.0, 3.0 and 2.0 models with and without DSP. The Pro-LITE 2.0 which is now shipping, delivers 540 watts per channel at 4 ohms stereo (up to 2,000 watts bridged @ 4 ohms) at just 11.6 lbs.

### ProLITE™ 2.0

- 2,000 watts at 4 ohm bridged, <1% THD
- 980 watts per channel at 2 ohms, <0.1% THD
- 540 watts per channel at 4 ohms, <0.1% THD
- 275 watts per channel at 8 ohms, <0.1% THD
- Revolutionary class D topology
- Automatic Clip Limiting (ACL™)

- Two channel-independent fourth order crossovers
- Parallel/Bridge/Stereo mode switch
- Neutrik® Combi XLR 1/4" inputs
- XLR thru connectors
- Speakon® output connectors
- Lightweight — less than 10 lbs.!

### ProLITE™ 3.0

- 3,150 watts at 4 ohm bridged, <1% THD
- 1,575 watts per channel at 2 ohms, <0.1% THD
- 870 watts per channel at 4 ohms, <0.1% THD
- 450 watts per channel at 8 ohms, <0.1% THD
- Revolutionary class D topology
- Automatic Clip Limiting (ACL)
- Two channel-independent fourth order crossovers
- Parallel/Bridge/Stereo mode switch
- Neutrik® Combi XLR 1/4" inputs
- XLR thru connectors
- Speakon® output connectors
- Lightweight — less than 10 lbs.!

### DSP Models include:

Onboard Digital Signal Processing that provides:

- Delays (0-120 ms per channel)
- Adjustable Crossover
- Adjustable Limiter
- Parametric EQ
- High-Frequency Driver EQ
- WAVES® MaxxBass® Bass Extension Technology
- Four user preset storage registers
- Lockable controls and security settings
- USB port for loading presets and external setup/adjustment
- XLR thru connector can be switched between processed or dry signal

100% Crest Audio.  
75% Lighter.

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## ACCESSORIES

### EPS™ -3 and EPS™ -8 External Power Supplies for Crest Consoles



### PSU to Console Cable / PSU to PSU Cable



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## NexSys® Series AMPLIFIER CONTROL OPTIONS



NexSys® is scalable and features signal processing, output monitoring, speaker control, amplifier system fault monitoring, real-time control of amplifier and signal processing settings and virtually unlimited snapshot and automation capabilities.



### Nx ETHERNET MODULE

OPTIONAL MODULE FOR NEXSYS  
CONTROL OF CKi AMPLIFIERS

- Gain control
- Sequential power
- Amplifier monitoring
- Audio return via Ethernet
- Real-time load monitoring: uses program audio (music) to continually monitor the speaker impedance
- Samples in the frequency spectrum are compared in real time to give test as accurate impedance vs. frequency plots
- LED display enables in-rack readout and monitoring of temperature, gain, AC voltage, mute and fault status
- Multiple points of control
- Expansion connector for NxDSP option



### Nx COBRANET MODULE

OPTIONAL MODULE FOR NEXSYS  
CONTROL AND COBRANET DIGITAL  
AUDIO

- Brings two channels of audio to the amplifier via CobraNet
- Performs the full suite of NexSys functions at the same time (identical to Nx Ethernet)
- Control Data and Audio are on the same wire; only one cable needs to be routed to each amplifier, dramatically reducing wire nest and complexity



### Nx DSP

OPTIONAL DSP FOR NEXSYS  
CONTROL AND COBRANET DIGITAL  
AUDIO

- Eight-channel line-level outputs with the ability to distribute DSP-processed signals to non-NexSys amplifiers
- Eight channels of digital signal speaker processing



*Features and specifications subject to change without notice.*

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## NexSys® Series AMPLIFIER CONTROL OPTIONS



All NexSys® devices can be configured and monitored by Crest Audio's NexSys 4 software or by MediaMatrix® MWare™ or NWare™ software.

### Nx COBRANET-8 MODULE

#### OPTIONAL MODULE FOR NEXSYS CONTROL OF *Ci* AMPLIFIERS

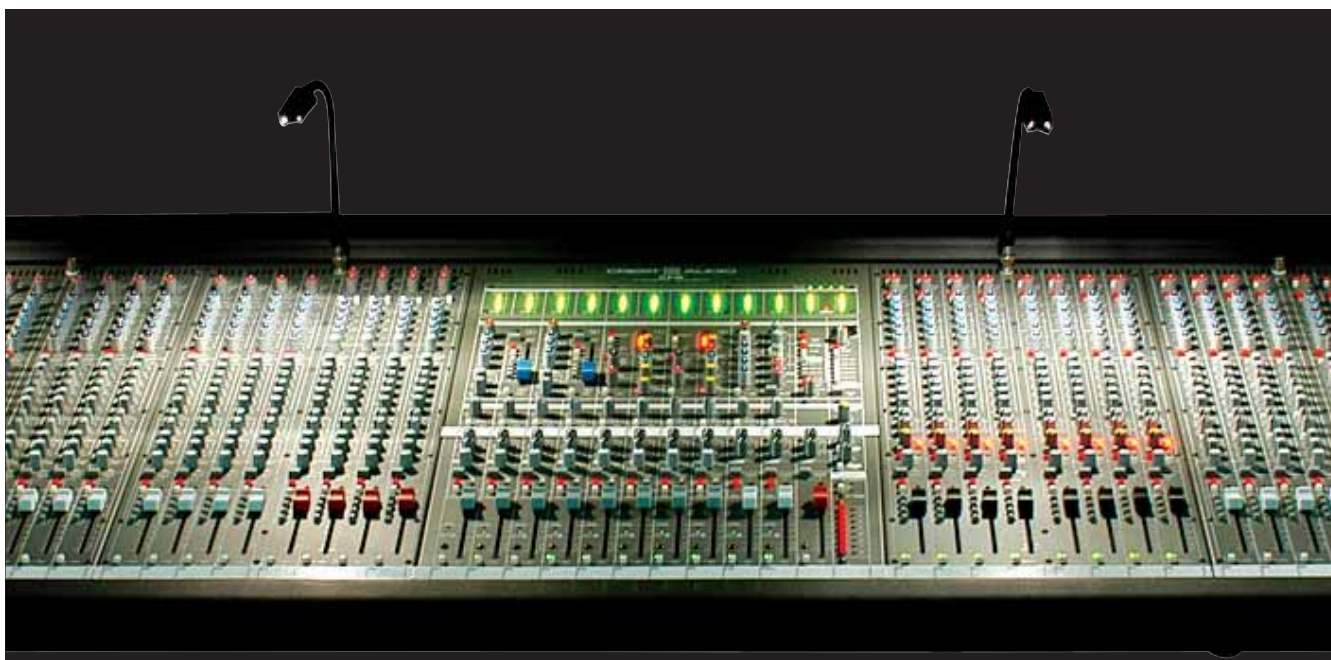
- Brings eight channels of audio via CobraNet® to the amplifier
- Performs the full suite of NexSys functions at the same time (identical to Nx Ethernet)
- Control data and audio are on the same wire; only one cable needs to be routed to each amplifier, dramatically reducing wire nest and complexity
- Eight channels of digital signal speaker processing





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## HP™ CONSOLES BREAKTHROUGH CONSOLE PERFORMANCE



The new HP Series consoles bring Crest Audio performance, new features and smart design to worship, small theater and related markets. With state-of-the-art analog electronics and innovative features such as integral automatic mixing, stereo input channels, stereo returns, a unique ambient mic input and a robust eight-group design, the HP Series is a great choice for any fixed installation. A powerful aux configuration with 10 aux busses, versatile connectivity and a unique "fader flip" feature provide the flexible routing required in demanding system designs. Complete with a talkback system and up to eight "smart" mute groups, modular construction, integral power supply and a robust chassis design, the HP Series is the new standard and the latest innovation from a legendary console designer.



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## HPW™ CONSOLES BREAKTHROUGH CONSOLE PERFORMANCE



The HP-W console shares the diligent research and insight that inspired Crest Audio's HP-Eight consoles. Incorporating more features and flexibility to the HP-W while maintaining the audio quality and rugged build design the HP-Eight is known for. The HP-W is a perfect solution for such application as fixed installations, churches, stadiums, auditoriums, theater and corporate AV. Easy to use, flexibility and affordability makes the HP-W a premier choice for the job.

The HP-W is packed with many innovative features. HP-W has four stereo line input channels, which can be handled in a dual mono or split track application. With a pre source balance control, a discrete blend of the split track can then be sent to stage monitors via the aux sends. A second blend of the split track can be sent to the FOH system via the Left/Right mono busses by using the post source balance control.

Every channel on the HP-W is equipped with 48 volt phantom power, pad, polarity switches and PFL's options. In addition to an input gain control, four-band EQ is also provided with fixed high and low frequency points and sweep frequency control on the two mid bands. 10 auxiliary sends and Bus assignment, L/R, and Mono switches are also provided in addition to the 8 channel mute groups system and 100 mm faders.



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# HP W™ SERIES

## 20, 28, 36, 44, OR 52 MONO INPUT CHANNELS



- 20, 28, 36, 44 or 52 standard Mono input channels (optional eight channels with gain sharing Automix\*+4 stereo channels)
- XLR and 1/4" connectors on all inputs
- Two stereo line returns on 60 mm faders with assignment and two aux sends
- One stereo ambient mic input
- Eight analog subgroups
- 10 auxes
- XLR connectors on aux outputs
- Left, Right & Mono outputs
- 11 X 2 matrix
- Two alternate outputs that can be sourced from L, R, M or Matrix outputs with full dynamics
- "Fader flip" function on aux outputs places aux masters on 100 mm faders in place of groups & L/R
- 100 mm high-quality faders on mono inputs, auto mix inputs, stereo inputs, groups and separate left, right and mono outputs
- Eight microprocessor-controlled mute groups and scenes
- Full talkback and monitor systems
- Modular input blocks of eight channels for ease of service
- Internal, universal power supply with DC connector for external, redundant supply

\*Automix modules available with 20 and 52 input channel frames as custom configurations

- Frequency Response:** 20Hz – 20kHz +0/-0.0dB (Ref 1kHz) any input to any output
- THD+Noise:** Input to Group or Main Output (Left/Right/Mono)  
<.01% THD 20Hz to 20kHz at 15dBu out
- Noise:** (22Hz to 20kHz)  
Mic EIN: <-127 dBu  
Bus Noise: Better than -80dBu (32 chan routed)  
Residual output noise: <-90dBu
- Crosstalk:** Channel Mute: >90dB  
Channel Routing: >85dB  
Channel fader attenuation: >85dB  
Aux Send attenuation: >80dB
- Phase Shift:** <+/-30 degrees 20Hz to 20kHz mic into main out
- XLR Inputs:** 2.5kΩ ohms Balanced  
Max Voltage Gain: Mic-In to Group to Left/Right Balanced Out=90dB
- Main Outputs:** L/R/Mono/Aux: 100Ω Balanced Male XLR  
Max Output = +28dBu  
Group: 50Ω Gnd-Compensated/Impedance BAL TRS  
Max Output = +22dBu
- Insert Points:** TRS Jack  
Tip = Send, Ring = Return  
Channel Insert level = +4dBu  
Bus Insert Levels = -2dBu
- Power Supply:** Internal: 100-240 VAC, 50/60 Hz via IEC Mains Connector  
External: 7-Pin DC connector provided for redundant PSU

### Dimensions/Weight:

<b>HP-W 52</b>	Inches: 86 x 28 x 9 145 lbs 66 kG	MM: 2171 x 702 x 229
<b>HP-W 44</b>	Inches: 76 x 28 x 9 125 lbs 57 kG	MM: 922 x 702 x 229
<b>HP-W 36</b>	Inches: 66 x 28 x 9 110 lbs 50 kG	MM: 1673 x 702 x 229
<b>HP-W 28</b>	Inches: 56.5 x 28 x 9 90 lbs 41kG	MM: 424 x 702 x 229
<b>HP-W 20</b>	Inches: 46.5 x 28 x 9 72 lbs 33 kG	MM: 1175 x 702 x 229

Dimensions are Width x Depth (Front-to-Back) x Height, rounded up the nearest 1/2 inch or nearest MM





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## HP™ 8 CONSOLES BREAKTHROUGH CONSOLE PERFORMANCE



The new HP Series consoles bring Crest Audio performance, new features and smart design to worship, small theater and related markets. With state-of-the-art analog electronics and innovative features such as integral automatic mixing, stereo input channels, stereo returns, a unique ambient mic input and a robust eight-group design, the HP Series is a great choice for any fixed installation. A powerful aux configuration with 10 aux busses, versatile connectivity and a unique "fader flip" feature provide the flexible routing required in demanding system designs. Complete with a talkback system and up to eight "smart" mute groups, modular construction, integral power supply and a robust chassis design, the HP Series is the new standard and the latest innovation from a legendary console designer.

**WHERE EXTREME FLEXIBILITY AS WELL AS EXACTING AUDIO PERFORMANCE IS REQUIRED, THE HP-EIGHT DELIVERS THOSE ATTRIBUTES AND MORE TO THE BUDGET-CONSCIOUS INSTALLER AND END USER.**



MONO CHANNEL

MASTER SECTION

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# HP-8™ SERIES

## 24, 32, 40, 48 OR 56 MONO INPUT CHANNELS



- 24, 32, 40, 48 or 56 Mono input channels
- 8 analog subgroups
- 10 auxes
- Left, Right & Mono outputs
- Five stereo line inputs on 60 mm faders with EQ, assignment and two aux sends
- Mono input channels have individual 48V phantom power, pad, polarity reverse and low-cut filter switches, with a four-band equalizer featuring high and low shelving and two overlapping bands of swept mid frequencies
- 10 independent aux sends on the mono input channels allows the HP-Eight to be used as a monitor mixer
- “Fader flip” function on aux outputs places aux masters on 100 mm faders in place of groups & L/R
- 100 mm high-quality faders on mono inputs, groups and separate left, right and mono outputs
- Four-channel scene mute system with master switches and LED indicators
- Full talkback and monitor systems
- Modular input blocks of eight channels for ease of service
- Internal, universal power supply with DC connector for external, redundant supply
- Two-channel matrix system fed pre or post from all eight subgroups and the three main (L/R/ Mono) mix busses

**Frequency Response:** 20Hz – 20kHz +0/-0.5dB (Ref 1kHz) Any input to any output

**THD+Noise:** Input to Group or Main Output (Left/Right/Mono)  
<.01% THD 20Hz to 20kHz at 15dBu out

**Noise:** (22Hz to 20kHz)  
Mic EIN: <-127 dBu  
Bus Noise: Better than -80dBu (32 chan routed)  
Residual output noise

**Crosstalk:** Channel Mute: >90dB  
Channel Routing: >85dB  
Channel fader attenuation: >85dB  
Aux Send attenuation: >80dB

**Phase Shift:** <+/-30 degrees 20kHz mic into main out

**XLR Inputs:** 2.5k ohms Balanced  
Max Voltage Gain: Mic-In to Group to Left/Right Balanced Out=90dB

**Main Outputs:** L/R/Mono/Aux: 100Ω Balanced Male XLR  
Max Output = +28dBu  
Aux/Group: 50Ω gnd-Compensated/Impedance Bal TRS  
Max Output = +22dBu

**Insert Points:** TRS Jack  
Tip = Send, Ring = Return  
Channel Insert level = +4dBu  
Bus Insert Levels = -2dBu

**Power Supply:** Internal: 100-240 VAC, 50/60 Hz via IEC Mains Connector  
External: 7-Pin DC connector provided for redundant PSU

### Dimensions/Weight:

**HP-W 52** Inches: 86 x 28 x 9 MM: 2171 x 702 x 229  
145 lbs 66 kG

**HP-W 44** Inches: 76 x 28 x 9 MM: 922 x 702 x 229  
125 lbs 57 kG

**HP-W 36** Inches: 66 x 28 x 9 MM: 1673 x 702 x 229  
110 lbs 50 kG

**HP-W 28** Inches: 56.5 x 28 x 9 MM: 424 x 702 x 229  
90 lbs 41kG

**HP-W 20** Inches: 46.5 x 28 x 9 MM: 1175 x 702 x 229  
72 lbs 33 kG

Dimensions are Width x Depth (Front-to-Back) x Height, rounded up the nearest 1/2 inch or nearest MM







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## HPWA™ CONSOLES

### BREAKTHROUGH CONSOLE PERFORMANCE



Crest Audio is proud to introduce the NEW HP-WA console. The HP-WA console shares the diligent research and insight that inspired Crest Audio's HP-Eight consoles. Incorporating more features and flexibility to the HP-WA while maintaining the audio quality and rugged build design the HP-Eight is known for. The HP-WA is a perfect solution for such application as fixed installations, churches, stadiums, auditoriums, theater and corporate AV. Easy to use, flexibility and affordability makes the HP-WA a premier choice for the job.

The HP-WA is packed with many innovative features. HP-WA has four stereo line input channels, which can be handled in a dual mono or split track application.

With a pre source balance control, a discrete "blend" of the split track can then be sent to stage monitors via the aux sends. A second "blend" of the split track can be sent to the FOH system via the Left/Right mono busses by using the post source balance control.

Standard on all HP-WA consoles are 8 mono channels of AutoMix for "hands-off" spoken word mixing applications. With a push of a button to activate the AutoMix feature, the HP-W will automatically reduce the gain on microphones not being used, which nearly eliminates feedback. Having the AutoMix feature engaged will also diminish surrounding low frequencies and eradicate the chances of comb filtering. With or without the Auto-

Mix enabled you can control the threshold of the compressors which are on the 8 AutoMix channels.

Every channel on the HP-WA is equipped with 48 volt phantom power, pad, polarity switches and PFL's options. In addition to an input gain control, four-band EQ is also provided with fixed high and low frequency points and sweep frequency control on the two mid bands. 10 auxiliary sends and Bus assignment, L/R, and Mono switches are also provided in addition to the 8 channel mute groups system and 100 mm faders.

Features and specifications subject to change without notice.

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# HP-WA™ SERIES

## 28, 36 OR 44 MONO INPUT CHANNELS

- 20, 36 or 44 standard Mono input channels (optional eight channels with gain sharing Automix\*—+4 stereo channels)
- XLR and 1/4" connectors on all inputs
- Two stereo line returns on 60 mm faders with assignment and two aux sends
- One stereo ambient mic input
- Eight analog subgroups
- 10 auxes
- XLR connectors on aux outputs
- Left, Right & Mono outputs
- 11 X 2 matrix
- Two alternate outputs that can be sourced from L, R, M or Matrix outputs with full dynamics
- "Fader flip" function on aux outputs places aux masters on 100 mm faders in place of groups & L/R
- 100 mm high-quality faders on mono inputs, auto mix inputs, stereo inputs, groups and separate left, right and mono outputs
- Eight microprocessor-controlled mute groups and scenes
- Full talkback and monitor systems
- Modular input blocks of eight channels for ease of service
- Internal, universal power supply with DC connector for external, redundant supply

\*Automix modules available with 20 and 52 input channel frames as custom configurations

**Frequency Response:** 20Hz – 20kHz +0/-0.0dB (Ref 1kHz) any input to any output

**THD+Noise:** Input to Group or Main Output (Left/Right/Mono)  
<.01% THD 20Hz to 20kHz at 15dBu out

**Noise:** (22Hz to 20kHz)  
Mic EIN: <-127 dBu  
Bus Noise: Better than -80dBu (32 chan routed)  
Residual output noise: <-90dBu

**Crosstalk:** Channel Mute: >90dB  
Channel Routing: >85dB  
Channel fader attenuation: >85dB  
Aux Send attenuation: >80dB

**Phase Shift:** <+/-30 degrees 20Hz to 20kHz mic into main out

**XLR Inputs:** 2.5kΩ ohms Balanced  
Max Voltage Gain: Mic-In to Group to Left/Right Balanced Out=90dB

**Main Outputs:** L/R/Mono/Aux: 100Ω Balanced Male XLR  
Max Output = +28dBu  
Group: 50Ω Gnd-Compensated/Impedance BAL TRS  
Max Output = +22dBu

**Insert Points:** TRS Jack  
Tip = Send, Ring = Return  
Channel Insert level = +4dBu  
Bus Insert Levels = -2dBu

**Power Supply:** Internal: 100-240 VAC, 50/60 Hz via IEC Mains Connector  
External: 7-Pin DC connector provided for redundant PSU

**Dimensions/Weight:**

<b>HP-W 52</b>	Inches: 86 x 28 x 9	MM: 2171 x 702 x 229
	145 lbs	66 kG
<b>HP-W 44</b>	Inches: 76 x 28 x 9	MM: 922 x 702 x 229
	125 lbs	57 kG
<b>HP-W 36</b>	Inches: 66 x 28 x 9	MM: 1673 x 702 x 229
	110 lbs	50 kG
<b>HP-W 28</b>	Inches: 56.5 x 28 x 9	MM: 424 x 702 x 229
	90 lbs	41kG
<b>HP-W 20</b>	Inches: 46.5 x 28 x 9	MM: 1175 x 702 x 229
	72 lbs	33 kG

Dimensions are Width x Depth (Front-to-Back) x Height, rounded up the the nearest 1/2 inch or nearest MM





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## X-SERIES™ CONSOLES THE DIFFERENCE IS CLEAR



**AVAILABLE IN MAIN AND MONITOR CONFIGURATIONS, X-SERIES CONSOLES ARE AVAILABLE WITH UP TO 12 MONO AND UP TO FOUR STEREO INPUTS. LONG THROW FADERS, VERSATILE FOUR-BAND SEMI-PARAMETRIC EQ, CHANNEL INSERTS AND HIGH-QUALITY MICROPHONE PREAMPLIFIERS ARE STANDARD.**

The Crest Audio® X-Series™ is regarded as the most sonically accurate and operationally quiet, professional-level, rack-mountable console range in the audio industry. With high-end performance and rock-solid construction, the X-Series features a modular design and an extensive feature set suitable for any application. Available in main and monitor configurations, X-Series models feature up to 14 mono and four stereo inputs. Long-throw faders, versatile four-band semi-parametric EQ, channel inserts and high-quality microphone preamplifiers are standard. The X 18R and X 20R consoles have six configurable aux buses and three main buses that provide plenty of front-of-house mixing configurations, while the X 18RM and X 20RM have up to 12 mono or six stereo mix buses for floor or in-ear monitoring.

Features and specifications subject to change without notice.

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# X-SERIES CONSOLES

X 18R™ / X 20R™ / X 18RM™ / X 20RM™

## X18R™ and X20R™

- 14 mono inputs + 2 stereo inputs (X 18R) or 12 mono inputs + 4 stereo inputs (X 20R), all with mic preamps and individual 48V phantom power switches
- 100 mm faders on all inputs and Left, Right and Mono (center) outputs; 60 mm faders on the four subgroups
- Four-band EQ on all inputs
- 18 dB per octave high-pass filters on mono input channels
- Insert on all inputs, subgroups, aux outs and L, R & M outputs
- Six aux buses, selectable pre or post fader in pairs
- Auxes 1 & 2 are configured as Level/Pan for stereo operation
- XLR L, R & Mono outputs switchable between line and mic level
- 1/4" TRS and RCA connectors provided on alt output, monitor output and tape input

## X-18RM™ and X-20RM™

- 14 mono inputs + 2 stereo inputs (X-18RM) or 12 mono inputs + 4 stereo inputs (X-20RM), all with mic preamps and individual 48V phantom power switches
- Built in splitter system on all 20 XLR mic/line inputs with ground switches on each input channel
- 12 monitor buses that can be configured mono or stereo in pairs
- Additional "stereo common input" for sending click or reference tracks to artists on all 12 buses
- Four-band mid sweep EQ for mono and stereo input channels
- 18 dB per octave high-pass filter on mono input channels
- Fully balanced XLR outputs and XLR balanced bus inputs
- Solo link system compatible with other X-Series rack mixers
- 10-space rackmount configuration
- Internal universal power supply



## X18R™ and X20R™

- Frequency Response:** 20 Hz-20 kHz +0/-1 dB (Any input to any output)
- THD+Noise:** Any output <0.01% THD 20 Hz-20 kHz @ +15 dBu out
- Noise:** Mic in < -128 dBu 20 Hz to 20 kHz
- Crosstalk:** Channel Mute: >90 dB  
Channel Routing: >80 dB  
Channel fader attenuation: >90 dB  
Aux Send attenuation: >85 dB
- Phase Shift:** < +/-30 degrees 20 Hz to 20 kHz mic-in to main out
- Mic-in:** XLR 4k  $\Omega$  balanced max voltage gain to main outputs = 98 dB
- Line-in XLR and TRS:** >10k  $\Omega$  balanced
- RCA tape input:** >10k  $\Omega$  unbalanced
- Bus inputs:** >10k  $\Omega$  balanced
- L/R/M outputs:** XLR 100  $\Omega$  balanced (Switchable between line or mic level)
- Group/direct out:** TRS 50  $\Omega$  ground compensation
- Aux outputs:** XLR & TRS 50  $\Omega$  ground compensation
- Headphones:** 1/4" TRS to drive > 8  $\Omega$  phones  
Bus Insert Levels = -2 dBu
- Power Supply:** Internal: 100-240 VAC, 50/60 Hz
- Dimensions/Weight:** Inches: 17.5" x 19" x 4.5" in depth behind panel  
30.5 lbs

## X-18RM™ and X-20RM™

- Frequency Response:** 20 Hz-20 kHz +0/-1 dB Any input to any output (ref 1 kHz)
- THD+Noise:** Any output <0.01% THD 20 Hz-20 kHz @ +15 dBu out (22 Hz to 22 kHz bandwidth) Mic EIN: < -128 dBu (Measured @ +60 dB gain, 150  $\Omega$  source)
- Noise:** Bus Noise: Below -85 dBu (w/32 channels routed)
- Crosstalk:** Channel Mute: >90 dB  
Channel Routing: >80 dB  
Channel fader attenuation: >90 dB  
Aux Send attenuation: >85 dB
- Phase Shift:** < +/-30 degrees 20 Hz to 20 kHz mic-in to main out
- XLR inputs:** XLR 4k  $\Omega$  balanced
- Max voltage gain:** Max voltage gain to mix outs = 92 dB
- Line-in TRS:** 10k  $\Omega$  balanced
- XLR/TRS com input:** 10k  $\Omega$  balanced
- Bus inputs:** 10k  $\Omega$  balanced
- Mix outputs:** XLR, 100  $\Omega$  balanced
- Monitor outputs:** XLR & TRS 100  $\Omega$  balanced
- Headphones:** Stereo, intended to drive > 8  $\Omega$  phones
- Power Supply:** Internal: 100-240 VAC, 50/60 Hz via 15A IEC Mains connector
- Dimensions/Weight:** Inches: 17.5" x 19" x 4.5" in depth behind panel  
30 lbs

Dimensions are Width x Depth (Front-to-Back) x Height



X 18R and X 20R Rear Panel