

TOUR

Crown Tour Sound Product Line



VRack



I-Tech HD Series

SOUND



I-Tech 4x3500HD
DriveCore™ Series



Macro-Tech i Series

TOUR SOUND



VRack Series: Complete Amplification System VRack



► FEATURES

- Three IT12000HD amplifiers
- Fully assembled package from one source
- Worldwide power distribution with both L21-30 and 32A CEE-Form connections
- Flexible input panel with Analog, AES, and VDrive
- Versatile output panel
- Fail-over AES and network connection
- Rear rack lighting
- VDrive AES digital distribution over CAT5
- Built-in network control
- Built-in captive suspension
- Shock-mounted rack
- Removable dolly board
- Side-storing rack doors
- Entire package is UL/CSA/ETL
- HiQnet™ control

► CROWN'S VRACK SYSTEM

We know you've got enough to worry about in preparing your venue for each performance. That's why the new VRack, designed by Crown for optimum performance and setup simplicity, puts all your amplification needs in one customized, turnkey package, complete with full safety approvals.

With Crown-engineered components already built in, it provides you with an easy-to-configure, all-in-one amplifier solution that eliminates the time-consuming process of building amp racks, and frees your technical team to handle other important setup tasks.

The VRack delivers superb power distribution anywhere in the world and features innovative software for convenient, simplified control, giving you a versatile, worry-free rack system that's always ready to go.

► VRACK INCLUDES

Summary

Three I-Tech HD 12000 amps. A custom package from one source. All components professionally engineered by Crown. Simplified configuration capabilities for easier setup in any market.

VRack Industry's Exclusives

Worldwide power distribution – goes anywhere, plays anywhere. Power distro, rigging hardware and entire rack are safety certified to UL/CSA/ETL – all safety information in order for local fire/safety inspectors.

Crown OmniDriveHD™ Digital Signal Processing, including:

- LevelMAX™ Limiters
- Audibly superior FIR Filters
- One amplifier per phase
- Innovative Power Factor Correction technology
- Optimal output at all AC main voltages and frequencies
- 5 pin CEE form and 5 pin Hubbell Twist Lock

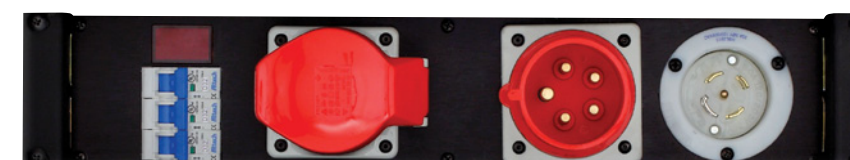
Innovative software allows:

- Monitoring and adjustment on rack-by-rack basis
- All changes for all 3 amps made with one interface
- Monitors input metering (peak and RMS), output metering (peak and RMS) and overall gain reduction
- Built-in network and AES failover protects speakers in case of AC mains loss
- Standardized package configurations designed to optimize speaker performance
- Greater cross-renting options with "go anywhere" capability

More Versatility

Allows multiple configurations for different types of speakers. AES, Analog and Network inputs for multiple connections. Dimensions permit easy shipment: US and European truck configurations, sea containers, etc. Captive suspension provides lifting and hoisting options for venue flexibility. Run 120VAC or 208VAC (US) or 220VAC to 240VAC (international) with the flip of a switch.

Regulatory Certifications



HiQnet
systemarchitect™

JBL performance
manager™

Available on the
App Store

With three I-Tech HD 12000 amps in each VRack, power concerns are not a concern at all. The completely original switching power amp design provides greater fidelity at high and low power levels, more efficiency because it produces less waste heat, and more reliability because it's not subjected to excessive heat or stressed to its limits. With constant access to full rail voltage, you'll always have power on demand, and it greatly extends the V-I Plane boundaries to drive speaker loads no other amplifier can. For good measure, Crown's innovative Power Factor Correction technology and optimal output at all AC main voltages and frequencies, and one amp per phase, all factor into the unrivaled power generated by the VRack. Not to mention the 5 pin CEE Form and 5 pin Hubbell® Twist-Lock® for global power distribution. Even better is something else only Crown does: the power distro, rigging hardware and entire rack are all safety-certified to UL/CSA/ETL standards for local fire and safety inspectors.

TOUR SOUND

I-Tech HD Series: **Excellence Without Compromise**
IT5000HD, IT9000HD, IT12000HD



RAISING THE BAR—AGAIN

HIQnet **systemarchitect™**

JBL **performance manager™**



► FEATURES

- BSS OMNIDRIVEHD™ DSP processing with IIR and linear phase FIR filters
- Global Power Supply designed to deliver maximum power no matter where your schedule takes you. Universal AC input accepts 100-240VAC, 50/60 Hz (±15%)
- High power density, up to 9000 watts in a 2U chassis
- Highest output voltage in the industry (200V peak) provides clean transient peaks
- 5th-generation patented Class I (BCA®) circuitry
- Front-panel USB connector transfers presets to/from a USB drive to the amp's DSP
- True Ethernet backbone—fast, reliable and scalable

POWER OUTPUT*

Model	20 mS BURST 2-ohm Dual (per ch.)	2-ohm Dual (per channel)	2-ohm Dual (per channel, 1 kHz)	4-ohm Dual (per channel)	8-ohm Dual (per channel)	4-ohm Bridge	8-ohm Bridge
IT5000HD	3,000W	2,000W	2,000W	2,500W	1,250W	4,000W	5,000W
IT9000HD	4,700W	2,800W	3,500W	3,500W	1,500W	5,600W	7,000W
IT12000HD	6,000W	3,750W	4,500W	4,500W	2,100W	7,500W	9,000W

*Guaranteed minimum power in watts at 20 Hz-20 kHz with 0.1% THD

► SPECIFICATIONS

Summary Specifications

Frequency Response (at 1 watt, 20 Hz - 20 kHz): ±0.25dB.

Signal to Noise Ratio below rated full-bandwidth power, A-weighted: > 112 dB.

Total Harmonic Distortion (THD) at full rated power: < 0.1%.

Intermodulation Distortion (IMD) 60 Hz and 7 kHz at 4:1, from full rated output to -35 dB: < 0.2%.

Damping Factor (20 Hz to 100 Hz at 8 ohms): > 5000.

Crosstalk (below rated power, 20 Hz to 1 kHz): > 80 dB.

Common Mode Rejection (CMR) (20 Hz to 1 kHz): > 70 dB typical.

Latency (analog, digital inputs): 1.13 mS analog, 1.81 mS digital (96 kHz).

A/D, D/A Converters: 24-bit 192 kHz Cirrus Logic.

Digital Input: AES/EBU, 24-bit, 32-96 kHz. Onboard sample-rate converter.

Network: Onboard TCP/IP and HiQnet, compatible with standard 100 Mb Ethernet hardware.

DSP: 24-bit conversion with 32-bit, floating-point DSP processing. World-class IIR and linear phase FIR filters. Has 64 assignable filters with 9 different filter types. Includes all-pass filters, over 2 seconds of delay available per channel, and dual uncorrelated-noise and sine-wave generators.

Load Impedance: (Note: Safe with all types of loads) Stereo: 1/2/4/8/16 ohms. Bridge Mono: 2/4/8 ohms.

Input Sensitivity (referenced to 8 ohm rated output): Adjustable in 0.1V steps from 1.4V to 7.75V.

Required AC Mains: Universal AC input, 100-240VAC, 50/60 Hz (±15%). Maximum AC mains voltage 277VAC.

AC Line Connector: Five cordsets supplied with amplifier (USA, UK, European, Australia, India).

Front Panel Indicators, Controls and Connectors

Indicators: Bridge mode, Ready, Signal level, Clip, Thermal error, Fault, Network data, Power, AC mains.

LCD Control Screen and Controls: These let the user adjust the amplifier's attenuation and muting, configure the amp, set up and view error monitoring (such as temperature and load supervision), set IP and HiQnet addresses from the front panel, and recall DSP presets. The presets allow the user to quickly reconfigure the amp for various applications.

Level Controls (Encoders): Speed-sensitive rotary encoders, 0.5 dB steps, range 0 to -100 dB. These two knobs affect the Channel-1 and Channel-2 output levels. They also select Menu items and adjust parameter values that are displayed on the LCD Control Screen.

Power Switch: Push-on/push-off switch with built-in green AC mains present indicator.

USB 2.0 Connector: Accepts a USB drive to transfer presets from the drive to the amplifier DSP, and vice versa.

Back Panel Connectors, Controls, and Indicators

Connectors: Balanced XLR analog inputs, balanced analog XLR loop-thru outputs, AES/EBU digital input, AES/EBU digital loop-thru output, 4-Pole Speakon output connectors, binding post output connectors, power cord, EtherCon® Ethernet connector for networking via HiQnet or CobraNet.

Reset Switch/Circuit Breaker: If the current draw of the amplifier exceeds safe limits, this breaker automatically disconnects the power supply from the AC mains. The switch resets the circuit breaker.

Preset Indicator: LED flashes to signal the number of the current preset if active. LED is green if the preset values have not been changed once loaded. LED is yellow if the preset values have been changed since they were loaded.

Construction

Cooling: Dual-zone, microprocessor controlled, continuously variable speed fans, front-to-back airflow.

Dimensions: 19 in. (48.3 cm) W x 3.5 in. (8.9 cm) H x 16.2 in. (41.1 cm) D.

Weight: 28 lbs (12.7 kg) net, 36 lbs (16.3 kg) shipping.

Included Accessories: Rear rack ears, rack screws, operation manual, power cords, foam air filter.

Regulatory Certifications



Other Applications
Installed, Cinema

Crown continues the tradition of excellence and innovation with the Crown® I-Tech HD Series, delivering unmatched versatility, power and performance for touring sound applications. Featuring onboard high-definition BSS OMNIDRIVEHD™ DSP with 24-bit, 192 kHz Cirrus Logic SHARC A/D and D/A converters, the I-Tech HD Series also offers a new software interface that provides easier system-level changes, and includes a configuration wizard. Providing up to 9 kW continuous power in a 2U rack space and delivering the highest output voltage in the industry, the I-Tech HD Series outperforms *all* the competition.

TOUR SOUND

I-Tech 4x3500 HD: **Excellence Without Compromise**
DriveCore™ Series



More Flexibility, No Compromise. NO COMPARISON

HiQnet
systemarchitect™

JBL
**performance
manager™**



► FEATURES

- BSS OMNIDRIVEHD™ DSP processing with Industry Leading IIR filters and linear phase FIR filters
- The only Tour Sound Amplifier that provides four routable inputs to any output (analog, AES, VDRive, or CobraNet)
- LevelMAX™ peak voltage and RMS power limiters communicate with each other, resulting in smooth and accurate response, better sound
- 6th-generation patented Class-I (BCA®) circuitry couples power efficiently to the load and provides low AC current draw
- Global Power Supply with Power Factor Correction designed to deliver maximum power no matter where your schedule takes you. Universal AC input accepts 100-240VAC, 50/60 Hz (±15%)

POWER OUTPUT*

Model	2-ohm Dual (per channel)	4-ohm Dual (per channel)	8-ohm Dual (per channel)	4-ohm Bridge	8-ohm Bridge
	20 Hz - 20 kHz Bench Power (2 sec. all channels driven)				
IT4x3500HD	2,000W	2,000W	1,500W	4,000W	4,000W
	1 kHz 20ms Burst				
	3,500W	3,500W	1,900W	7,000W	8,200W

*Guaranteed minimum power in watts at 20 Hz-20 kHz with 0.35% THD

► SPECIFICATIONS

Summary Specifications

The power amplifier shall be a solid-state four-channel model employing Class I (BCA®) output circuitry.

The amplifier shall contain **protection from shorted**, open and mismatched loads, general overheating, DC, high frequency overloads, under/over voltage, and internal faults.

If an amplifier channel starts to overheat, the **Thermal Level Control (TLC)** circuit shall engage the channel's input compressor in an amount proportional to the amount of overheating, in order to generate less heat. If the channel becomes too hot for safe operation, the channel shall shut off, and the Thermal Indicator for that channel shall illuminate brightly to alert the user that a state of thermal stress or overload has caused the channel to shut down.

The **front-panel controls** shall be a power switch, Menu/Exit button, Previous button, Next button, Encoder knob with push button, and a touch screen color LCD screen. The encoder knob and button combined with the touch screen shall allow changes to be made to the amplifier via the LCD screen.

Rear-mounted controls shall include a reset switch for the circuit breaker.

The **recommended load impedance** in Non-Bridge/Mono mode shall be 1/2/4/8/16 ohms. The load impedance in Bridge-Mono mode shall be 2/4/8 ohms across Channels 1+2 and/or Channels 3+4. The amplifier shall be safe when driving any kind of load, including highly reactive ones.

The **rear-mounted output connectors** for the Speakon version shall be two high-current 50A Neutrik SpeakON NL4MLP (mates with NL4FC or NL4) and one high-current 50A Neutrik SpeakON NLT8MP (mates with NL8FC). The rear-mounted output connectors for the Binding Post version shall be four pairs of high-current, 60A color-coded 5-way binding posts (for banana plugs, spade lugs, or bare wire).

The **rear-mounted input connectors** shall be a 3-pin female XLR analog input connector for each channel, and two 3-pin female XLR digital input connectors that accept a digital signal in the AES3 format for Channel inputs 1+2 and 3+4.

The **rear-mounted Ethernet connector** accepts an RJ-45 EtherCON connector for HiQnet™, CobraNet™ and VDrive from a standard network cable. Built into this connector shall be a yellow LINK ACTIVITY indicator that shows network activity, and a green 100Mb indicator that shows a 100Mb network connection.

The **rear-mounted Data indicator** shall be a yellow LED that indicates data activity. The rear-mounted Preset indicator shall be a yellow LED that flashes to signal the number of the current preset active.

The I-Tech 4x3500HD DriveCore Series shall be fully compatible with Harman Pro System Architect, JBL HiQnet Performance Manager, and the Powered by Crown iOS app. The I-Tech 4x3500HD DriveCore Series shall also be compatible with CobraNet networks.

Front panels indicators shall include a 4.3" Color Touch Screen LCD with backlight to control the amplifier's setup and operation. A yellow Bridge-Mode Indicator illuminates when the amplifier is set to Bridge-Mono mode for Channels 1+2 and/or Channels 3+4. A Ready Indicator (one per channel) illuminates when the channel is initialized and ready to produce audio output and is off when the amplifier is in standby mode via the control software, a green Signal Indicator (one per channel) that illuminates to indicate the presence of input signals above -40dBu, a red Clip Indicator that illuminates when the THD of the channel's output signal reaches the onset of audible clipping and illuminates during Thermal Level Control (TLC) limiting, a red Thermal Indicator (one per channel) that illuminates when the channel has shut down due to thermal stress or overload, a red Fault Indicator (one per channel) that illuminates when the amplifier output channel has stopped operating, a yellow Data Indicator that flashes during network data activity, a blue Power Indicator that illuminates when the amplifier has been turned on and AC power is available (and flashes when the AC line voltage is 15% above or below the nominal rated value), and a green AC Mains Preset Indicator in the power switch that indicates AC power is preset at the power cord.

The amplifier shall **include onboard BSS OMNIDRIVEHD** DSP with 24-bit conversion and 32-bit floating-point processing, DSP presets in firmware and downloadable, load supervision, error reporting, and a global power supply with Power Factor Correction.

The amplifier shall meet or exceed the following performance criteria.

Input sensitivity for rated output: adjustable in 0.1V steps from 1.4V to 7.75V.

Voltage gain: 37.9 dB to 23 dB.

Rated output of all four channels driven with 0.35% THD (20Hz to 20kHz): 2000 watts per channel into 2 ohms, 2000 watts per channel into 4 ohms, and 1900 watts per channel into 8 ohms.

Rated output in Bridge-Mono mode with Channel 1+2 and Channel 3+4 both in Bridge-Mono mode and driven at 0.35% THD (20Hz to 20kHz): 4000 watts into 4 ohms and 4000 watts into 8 ohms.

Frequency Response at 1 watt, 20Hz to 20kHz: ± 0.25 dB.

Signal to Noise Ratio below rated power, A-weighted: greater than 112dB.

Total Harmonic Distortion at full rated power: less than 0.35%.

Intermodulation Distortion (60Hz and 7kHz at 4:1, from full rated output to -35dB): less than 0.35%.

Damping Factor (20Hz to 100Hz): greater than 5000.

Crosstalk (below rated power, 20Hz to 1kHz): greater than 80 dB.

Common Mode Rejection (20Hz to 1kHz): greater than 70dB.

DC Output Offset: less than ± 3 mV.

Input Impedance (nominal) 20 kilohms balanced, 10 kilohms unbalanced.

Maximum Input Level: +15 dBu or +21 dBu, depending on the input sensitivity.

Latency (analog, digital inputs): 1.13 mS analog, 1.81 mS digital (96kHz).

The amplifier chassis shall be constructed of aluminum with a durable powder coat finish with microprocessor controlled, continuously variable-speed forced-air ventilation from the front panel to the back panel

The **dimensions** of the amplifier shall allow for 19 inch (48.3 cm) EIA standard (RS-310-B) rack mounting. The amplifier shall be 3.5 inches (8.9 cm) tall, and 16.95 inches (43.1 cm) deep behind the rack mounting surface.

The amplifier shall **weigh** 29 pounds (13.1 kg).

The amplifier shall be designated the I-Tech 4x3500HD DriveCore Series.

Regulatory Certifications



The I-TechHD DriveCore Series offers amazing power, light weight and ease of use for touring sound applications. Unlike other amplifiers, it includes onboard high-definition DSP, a Color Touchscreen LCD control screen, and a built-in network connection. Modern power amplifiers are sophisticated pieces of engineering capable of producing extremely high power levels.

2012

TOUR SOUND

Macro-Tech i Series: **The Legend Continues**
Macro-Tech i Series



THE LEGEND CONTINUES

► FEATURES

- The Macro-Tech® i Series continues the Crown® Macro-Tech legacy of unparalleled sonic accuracy and detail, putting sound quality above all else
- Patented, cutting-edge Class-I circuitry gets more power out of an amplifier with less waste
- Rugged construction ensures that all Macro-Techs are built to withstand years of abuse on the road
- Global Power Supply — designed to deliver maximum power no matter what country you work in
- Built-in load, line voltage, input and output monitoring
- Standard Ethernet networking via Performance Manager™ lets system operators monitor and control the amplifier from any location

HiQnet
systemarchitect™

HiQnet
performance manager™



POWER OUTPUT*

Model	20 mS BURST 2-ohm Dual (per ch.)	2-ohm Dual (per channel)	2-ohm Dual (per channel, 1 kHz)	4-ohm Dual (per channel)	8-ohm Dual (per channel)	4-ohm Bridge	8-ohm Bridge
MA-5000i	3,000W	2,000W	2,000W	2,500W	1,250W	4,000W	5,000W
MA-9000i	4,700W	2,800W	3,500W	3,500W	1,500W	5,600W	7,000W
MA-12000i	6,000W	3,750W	4,500W	4,500W	2,100W	7,500W	9,000W

*Guaranteed minimum power in watts at 20 Hz-20 kHz with 0.1% THD

► SPECIFICATIONS

Performance

Frequency Response

(at 1 watt, 20 Hz - 20 kHz into 8 ohms):
±0.25 dB.

Signal to Noise Ratio

(below rated full-bandwidth power, A-weighted):
>112 dB.

Total Harmonic Distortion (THD)

(at 2 watts into 8 ohms): < 0.1%.

Total Harmonic Distortion (THD)

Plus Noise (at full rated power):
< 0.35%, 20 Hz to 20 kHz.

Intermodulation Distortion (IMD)

(60 Hz and 7 kHz at 4:1,
from full rated output to -30 dB): < 0.35%.

Damping Factor (20 Hz to 100 Hz at 8 ohms):
> 5000.

Crosstalk (below rated power, 20 Hz to 1 kHz):
> 80 dB.

Common Mode Rejection (CMR)

(20 Hz to 1 kHz): 55 dB, typically >70 dB.

DC Output Offset

(shorted input): < ± 3 mV.

Input Impedance

(nominal):
10 kilohms balanced, 5 kilohms unbalanced.

Maximum Input Level:

+20 dBu typical.

Network: Onboard HiQnet™, compatible with
standard 100 Mb Ethernet hardware.

Load Impedance: (Note: Safe with all types of
loads)
Stereo: 1/2/4/8/16 ohms.
Bridge Mono: 2/4/8 ohms.

Input Sensitivity (referenced to 8 ohm rated
output): 1.4V, 32 dB gain, and 26 dB gain.

Voltage Gain (referenced to 8 ohm rated
output):

MA-5000i: 37.1 dB to 22.2 dB

MA-9000i: 37.9 dB to 23.0 dB

MA-12000i: 39.3 dB to 24.5 dB

Required AC Mains: Universal AC input, 100-
240VAC, 50/60 Hz (±10%). Maximum AC mains
voltage 264VAC.

AC Line Connector: Five cordsets supplied with
amplifier (USA, UK, European, Australia, India).

Front Panel Controls and Indicators

Bridge Mode Indicator: Amber LED illuminates
when the amplifier is set to Bridge-Mono mode.

Ready Indicator: Green LED, one per channel.

On (bright): Ready.

On (dim): Onset of compression.

Off: Thermal failure.

Signal Indicators: One green LED per channel.

Solid green: Input signal is above -40 dBu.

Bright green: Channel's output signal has
reached the onset of audible clipping.

Power Indicator: Blue LED indicates amplifier
has been turned on and AC power is available.
The LED will flash when the AC line voltage is
10% above or below the nominal rated value.

Data Indicator: Yellow LED on front panel
indicates network data activity. Data indicator
flashes only when the amplifier is polled for
data, or is polled to see whether it is online

Power Switch: Push-on/push-off switch with
built-in green AC mains present indicator.

Volume Control: Precision detented attenuator
with 31 steps, press-and-hold mute function.

Volume Control LED Ring: A ring of green LEDs
around each volume control show the position
of the control. Entire ring flashes when channel
is muted. Can be converted to be a level meter.

Back Panel Controls, Indicators and Connectors

Power Cord Connector: Detachable 20 amp IEC
inlet. Cord locks with supplied cord retention
clip. Voltage range is indicated above IEC inlet.

Reset Switch/Circuit Breaker: If the current
draw of the amplifier exceeds safe limits, this
breaker automatically disconnects the power
supply from the AC mains. The switch resets
the circuit breaker.

Output Connectors: Two high-current, 50A
Neutrik® Speakon® NL4MLP (mates with
NL4FC or NL4), one per channel. Ch 1
Speakon® is wired with Ch 1 and Ch 2 outputs
for use with single 4-conductor cable. Two pairs
of high-current, 60A color-coded 5-way binding
posts (for banana plugs, spade lugs or bare
wire).

Analog Input Connectors: A 3-pin female XLR
connector for each channel.

Analog Loop Thru Connectors: Two male XLR
passive analog loop through.

Mode Switch/Indicator: Sets amplifier to
Stereo, Bridge, or Input Y mode. OFF=Stereo,
YEL=Bridge, GRN=Y.

Network Connectors: Two Neutrik® Ethercon
connector accepts RJ-45 type connectors for
HiQnet™ networking. Next to each connector is
a yellow LINK ACT indicator that shows network
activity, and a green 100Mb indicator that shows
a 100Mb network connection.

Data Indicator: Yellow LED on back panel
indicates network data activity. Data indicator
flashes only when the amplifier is polled for
data, or is polled to see whether it is online.

Preset Indicator: Green/yellow LED flashes to
signal the number of the current preset. LED is
green if current preset is active, or is yellow if
current preset is modified.

Input Sensitivity Switch: Three-position switch
providing 1.4V, 32 dB, and 26 dB settings for
both channels.

Firmware/Software

Firmware can be updated at www.crownaudio.com > Support > Downloads.

Software features: Same as PIP-Lite module
(except no Listen Bus): User Presets, Clip Event
Monitor, Input Signal Level Monitor, Output
Signal Level Monitor, Thermal Headroom Level
Monitor, Power/Standby Control, Signal Mute,
Polarity Inverter, Input Signal Fader, Dynamic
Gain Monitors (Ghost Faders), Amplifier
Information, User and Channel Labels, Amplifier
Mode, Amplifier Output Mode, Line Voltage
Monitor, Error Reporting, Auto Standby, Input
Signal Compressor/Limiter, Peak Voltage
Limiter, Average Power Limiter, Clip Eliminator,
Thermal Limiter, Limiter Tie, Load Supervision.

Construction

Cooling: Dual-zone, microprocessor controlled,
continuously variable speed fans, front-to-back
airflow.

Front Panel: Cast aluminum with integrated
handles.

Dimensions: 19 in. (48.3 cm) W x 3.5 in. (8.9
cm) H x 16.2 in. (41.1 cm) D.

Weight: 28 lbs (12.7 kg) net, 36 lbs (16.3 kg)
shipping.

Protection: Amplifier is protected against
reactive loads, faults and shorts. If one channel
experiences a catastrophic failure, the entire
amplifier will shut down.

Included Accessories: Rear rack ears, rack
screws, operation manual, power cords, foam
air filter.

Regulatory Certifications



Other Applications Installed, Portable PA

The Crown Macro-Tech i Series amplifiers continue the Macro-Tech legacy of unparalleled sonic accuracy and detail, putting sound quality above all else. Their patented, cutting-edge Class-I circuitry gets more power out of an amplifier with less waste. Each model features a Global Power Supply designed to deliver maximum power in any country. The i Series offers studio-quality analog signal processing with built-in load, line voltage, input and output monitoring. Standard Ethernet networking via System Architect provides integrated monitoring and control to give system operators access to the system from any location.