



HD

Monoblock Amplifiers

POSITION:

Reference Grade Subwoofer Power for the most demanding applications.



HD Monoblock Amplifier Models:

HD1200/1

Wide-Range, Class D Monoblock Amplifier
1 x 1200W @ 1.5 - 4 ohms

HD750/1

Wide-Range, Class D Monoblock Amplifier
1 x 750W @ 1.5 - 4 ohms

Power ratings @ 11V-14.5V with less than 0.03% THD+N



Remote Level Control (HD-RLC)

With the addition of an HD-RLC to any of our marine amplifiers, you can control the overall level of the subwoofer channel or the whole amplifier, depending on the model.

TECHNOLOGIES



SELLING POINTS:

#1 Groundbreaking Switching Amplifier Technology: Single-Cycle Control™

Benefits:

- Exceptional efficiency reduces current draw and heat, permitting reliable high power output within a very small, easy to install design: 10.74 x 8.29 x 1.93 in. (273 x 211 x 49 mm). All HD amplifier models share the same dimensions.
- Patented *Single-Cycle Control*™ technology corrects output in each and every switching cycle (over 400,000 times per second). This dramatically reduces distortion compared to other Class D amplifiers.
- Although primarily intended for subwoofer applications, both monoblocks offer wide-range operation with reference-grade sonic capabilities.

#2 R.I.P.S. (Regulated, Intelligent Power Supply)

Benefits:

- All the power, all the time... tightly regulated, intelligent power supply maintains full power at any impedance from 1.5-4 ohms and at any supply voltage from 11V-14.5V.

#3 Studio-Grade Signal Processing

Benefits:

- User can select shallow (12dB/octave) or steep (24dB/octave) high or low-pass filters to best integrate with subwoofers or component systems.
- Fully variable frequency selection from 50-500 Hz with detented, calibrated potentiometer.
- Remote level control with optional controller (HD-RLC)
- Preamp outputs
- Infrasonic filter
- Output Polarity Reversal Switch

#4 Differential-Balanced Inputs

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals, including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables.

#5 Advanced Rollback Protection and RealSink™

Benefits:

- Amplifier will never shut down due to thermal overload. EVER.
- Totally transparent to user in most cases... Restores full power operation when it has cooled down to safe temperature.
- Real finned heat sink is extremely effective and requires no fans. Multiple units can be stacked without compromising cooling effectiveness.



HD600/4

Four-Channel Amplifier

POSITION:

The four-channel amplifier reference... in an unbelievably compact chassis. Outstanding versatility to use alone, or in tandem with one of the HD subwoofer amplifiers for the ultimate sonic experience.



HD600/4
Full-Range, Class D Four-Channel Amplifier:
4 x 150W @ 1.5 - 4 ohms per ch.
(300W x 2 @ 3 - 8 ohms bridged)

Power ratings @ 11V-14.5V with less than 0.03% THD+N



Remote Level Control (HD-RLC)
With the addition of an HD-RLC to any of our marine amplifiers, you can control the overall level of the subwoofer channel or the whole amplifier, depending on the model.

SELLING POINTS:

#1 Groundbreaking Switching Amplifier Technology: Single-Cycle Control™

Benefits:

- Full-range operation with reference-grade sonic capabilities.
- Patented *Single-Cycle Control*™ technology corrects output in each and every switching cycle (over 400,000 times per second). This dramatically reduces distortion compared to other full-range switching amplifiers.
- Exceptional efficiency reduces current draw and heat, permitting reliable high power output within a very small, easy to install design: 10.74 x 8.29 x 1.93 in. (273 x 211 x 49 mm). All HD amplifier models share the same dimensions.

#2 R.I.P.S. (Regulated, Intelligent Power Supply)

Benefits:

- All the power, all the time... tightly regulated, intelligent power supply maintains full power at any impedance from 1.5-4 ohms per channel (3-8 ohms bridged) and at any supply voltage from 11V-14.5V.
- Independent R.I.P.S. optimization for each channel pair

#3 Studio-Grade Signal Processing

Benefits:

- User can select shallow (12dB/octave) or steep (24dB/octave) high or low-pass filters to best integrate with subwoofers or component systems.
- Fully variable frequency selection from 50-500 Hz with detented, calibrated potentiometers.
- Remote level control with optional controller (HD-RLC). Assignable to all channels or rear channels only.
- Preamp outputs

#4 Differential-Balanced Inputs

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals, including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables.

#5 Advanced Rollback Protection and RealSink™

Benefits:

- Amplifier will never shut down due to thermal overload. EVER.
- Totally transparent to user in most cases... Restores full power operation when it has cooled down to safe temperature.
- Real finned heat sink is extremely effective and requires no fans. Multiple units can be stacked without compromising cooling effectiveness.

TECHNOLOGIES





HD900/5

Five-Channel Amplifier

POSITION:

900 watts of reference-grade, full system power squeezed into an impossibly small space!



HD900/5
Five-Channel, Class D System Amplifier
4 x 100W + 1 x 500W @ 4 ohms / 4 x 75W + 1 x 500W @ 2 ohms

Power ratings @ 11V-14.5V with <0.03% THD+N (main channels), <0.05% THD (subwoofer channel)



Remote Level Control (HD-RLC)

With the addition of an HD-RLC to any of our marine amplifiers, you can control the overall level of the subwoofer channel or the whole amplifier, depending on the model.

SELLING POINTS:

#1 Incredible Full System Power in a Tiny Chassis

Benefits:

- Main Channels: 4 x 100W @ 4 ohms (4 x 75W @ 2 ohms)
- Subwoofer Channel: 1 x 500W @ 1.5-4 ohms
- Exceptional efficiency reduces current draw and heat, permitting reliable high power output within a very small, easy to install design: 10.74 x 8.29 x 1.93 in. (273 x 211 x 49 mm). All HD amplifier models share the same dimensions.

#2 Groundbreaking Switching Amplifier Technology: Single-Cycle Control™

Benefits:

- Full-range operation with reference-grade sonic capabilities.
- Patented *Single-Cycle Control*™ technology corrects output in each and every switching cycle (over 400,000 times per second). This dramatically reduces distortion compared to other full-range switching amplifiers.

#3 R.I.P.S. (Regulated, Intelligent Power Supply)

Benefits:

- Independent R.I.P.S. optimization for each channel pair and the mono subwoofer channel of the HD900/5.
- Maintains full subwoofer channel power at any impedance from 1.5-4 ohms and at any supply voltage from 11V-14.5V.

#4 Studio-Grade Signal Processing

Benefits:

- Select shallow (12dB/octave) or steep (24dB/octave) slopes on the high pass filters for the main four channels or the low pass filter for the subwoofer channel.
- Fully variable frequency selection from 50-500 Hz with detented, calibrated potentiometers.
- Remote subwoofer level control with optional controller (HD-RLC).
- Infrasonic filter (Subwoofer channel).

#5 Differential-Balanced Inputs and Advanced Rollback Protection and RealSink™

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals, including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables.
- Amplifier will never shut down due to thermal overload. EVER.
- Totally transparent to user in most cases... Restores full power operation when it has cooled down to safe temperature.
- Real finned heat sink is extremely effective and requires no fans. Multiple units can be stacked without compromising cooling effectiveness.

TECHNOLOGIES

