



XDv2

Monoblock Amplifiers

POSITION:

An irresistible combination of clean subwoofer power, advanced technology and ultra-compact design.



XD1000/1v2

Class D, Monoblock Subwoofer Amplifier
1 x 600W @ 4 ohms / 1 x 800W @ 3 ohms / 1 x 1000W @ 2 ohms

XD600/1v2

Class D, Monoblock Subwoofer Amplifier
1 x 400W @ 4 ohms / 1 x 500W @ 3 ohms / 1 x 600W @ 2 ohms

XD300/1v2

Class D, Monoblock Subwoofer Amplifier
1 x 200W @ 4 ohms / 1 x 250W @ 3 ohms / 1 x 300W @ 2 ohms

Power ratings @ 14.4V with less than 1% 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 Ultra-Compact Footprint

Benefits:

- They fit nearly anywhere!
 - XD1000/1v2: 14.73 x 7.09 x 2.05 in. (374 x 180 x 52 mm)
 - XD600/1v2: 8.52 x 7.09 x 2.05 in. (217 x 180 x 52 mm)
 - XD300/1v2: 6.85 x 7.09 x 2.05 in. (174 x 180 x 52 mm)

#2 NexD™ Switching Amplifier Technology

Benefits:

- Our latest generation of switching technology delivers exceptional efficiency to reduce current draw and heat, permitting reliable high power output within a very small, easy to install design.
- Specially optimized for subwoofer applications. High damping factor and full power delivery, even at 20 Hz.

#3 Studio-Grade Signal Processing

Benefits:

- Select shallow (12dB/octave) or steep (24dB/octave) low-pass filter to best integrate subwoofer.
- Fully variable frequency selection from 50-500 Hz with detented, calibrated potentiometer.
- Remote level control with optional controller (HD-RLC)
- Defeatable 30 Hz, 24dB/octave Infrasonic Filter (XD600/1v2 and XD1000/1v2 only)
- Preamp outputs (pass-through type)
- All controls on top of amplifier for easy access (removable control cover).

#4 v2 SPEC: Dual-Range Differential-Balanced Inputs and Signal/Offset Sensing Turn-On

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals up to 8V RMS, including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables.
- Automatic turn-on option via Signal-Sensing or DC-Offset sensing

#5 Advanced Rollback Protection

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.
- Unitary Cast Alloy Chassis for superior heat dissipation and mechanical integrity.

TECHNOLOGIES	



XD800/8v2

Eight-Channel Amplifier

POSITION:

Ultimate Versatility: 8 channels of super-clean, full-range power in a compact package.



XD800/8v2

Full-Range, Class D Eight-Channel Amplifier:
8 x 75W @ 4 ohms / 8 x 100W @ 2 ohms
(4 x 150W @ 8 ohms bridged / 4 x 200W @ 4 ohms bridged)

Power ratings @ 14.4V with less than 1% 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 Ultra-Compact Footprint / Amazing Versatility

Benefits:

- Fits nearly anywhere: 14.73 x 7.09 x 2.05 in. (374 x 180 x 52 mm).
- Use it in a multitude of useful configurations:
 - Eight-channel Satellite Amp (drive four pairs of speakers with 75W x 8)
 - Six-Channel System Amp (drive front and rear satellites with 75W x 4 @ 4Ω, plus two 4Ω subwoofers with 200W each.)
 - Staggered Six-Channel Satellite Amp (drive front speakers with 200W x 2 @ 4Ω, plus four 4Ω speakers with 75W each.)
 - Staggered Five-Channel Satellite Amp (drive three front speakers with 200W @ 4Ω + rear speakers with 75W x 2)
 - Big Four-Channel Satellite Amp (bridge to produce 200W x 4 @ 4Ω)
 - Four-Channel System Amp (drive left and right speakers with 200W x 2 @ 4Ω, plus two 4Ω subwoofers with 200W each.)

#2 NexD™ Switching Amplifier Technology

Benefits:

- Our latest generation of switching technology delivers exceptional efficiency to reduce current draw and heat, permitting reliable high power output within a very small, easy to install design.

#3 Studio-Grade Signal Processing

Benefits:

- 12dB/octave high or low-pass filters for each channel bank with fully variable frequency selection from 50-500 Hz via detented, calibrated potentiometers.
- Remote level control with optional controller (HD-RLC). Assignable to all eight channels, six channels or four channels only.

#4 v2 SPEC: Dual-Range Differential-Balanced Inputs and Signal/Offset Sensing Turn-On

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals up to 8V RMS, including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables. 2, 4, or 8 channel input capability (switchable)
- Automatic turn-on option via Signal-Sensing or DC-Offset sensing

#5 Advanced Rollback Protection

Benefits:

- Amplifier will never shut down due to thermal overload. EVER.



XD600/6v2

Six-Channel Amplifier

POSITION:

3, 4, 5 or 6 channels of super clean full-range power in an incredibly small package! This one can do almost anything! Run it as a full system amp or combine it with the XD600/1v2 for even more spectacular results.



XD600/6v2

Full-Range, Class D Six-Channel Amplifier:

6 x 75W @ 4 ohms / 6 x 100W @ 2 ohms

(3 x 150W @ 8 ohms bridged / 3 x 200W @ 4 ohms bridged)

Power ratings @ 14.4V with less than 1% 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 Ultra-Compact Footprint / Amazing Versatility

Benefits:

- Fits nearly anywhere: 10.23 x 7.09 x 2.05 in. (260 x 180 x 52 mm).
- Use it in a multitude of useful configurations:
 - Six-channel Satellite Amp (drive three pairs of speakers with 75W x 6)
 - Five-channel System Amp (drive two pairs of speakers with 75W x 4, plus a subwoofer with 200W x 1)
 - Four-Channel System Amp (drive front speakers with 75W x 2 and two subwoofers with 200W x 2)
 - Staggered Four-Channel Satellite Amp (drive front speakers with 200W x 2 and rear speakers with 75W x 2)
 - Three-Channel Satellite Amp (drive left, center and right satellites with 200W x 3)

#2 NexD™ Switching Amplifier Technology

Benefits:

- Our latest generation of switching technology delivers exceptional efficiency to reduce current draw and heat, permitting reliable high power output within a very small, easy to install design.
- Ultra-high speed switching and newly developed control circuitry delivers super-clean full-range audio with very low distortion and noise.

#3 Studio-Grade Signal Processing

Benefits:

- 12dB/octave high or low-pass filters for each channel bank with fully variable frequency selection from 50-500 Hz via detented, calibrated potentiometers.
- Remote level control with optional controller (HD-RLC). Assignable to all six channels, four channels or two channels only.

#4 v2 SPEC: Dual-Range Differential-Balanced Inputs and Signal/Offset Sensing Turn-On

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals up to 8V RMS, including those from factory systems, without a line-output converter (LOC); just splice wires to a pair of RCA ends or RCA cables. 2, 4 or 6 channel input capability (switchable)
- Automatic turn-on option via Signal-Sensing or DC-Offset sensing

#5 Advanced Rollback Protection

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.



XD400/4v2

Four-Channel Amplifier

POSITION:

Four-channels of clean JL Audio power in an unbelievably compact chassis.



XD400/4v2

Full-Range, Class D Four-Channel Amplifier:
4 x 75W @ 4 ohms / 4 x 100W @ 2 ohms
(2 x 150W @ 8 ohms bridged / 2 x 200W @ 4 ohms bridged)

Power ratings @ 14.4V with less than 1% 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 Ultra-Compact Footprint / Highly Versatility

Benefits:

- Fits nearly anywhere: 8.52 x 7.09 x 2.05 in. (217 x 180 x 52 mm). 33% Smaller than HD600/4 and 61% smaller than 300/4v3!
- Use it in a multitude of useful configurations:
 - Four-Channel Satellite Amp (drive front and rear speakers with 75W x 4)
 - Three-Channel System Amp (drive front speakers with 75W x 2 and a subwoofer with up to 200W)
 - Two-Channel, High-Power Satellite Amp (drive 1 pr. of speakers with 200W x 2)
 - Two-Channel, High-Power Subwoofer Amp (drive two subwoofers with 200W x 2)

#2 NexD™ Switching Amplifier Technology

Benefits:

- Our latest generation of switching technology delivers exceptional efficiency to reduce current draw and heat, permitting reliable high power output within a very small, easy to install design.
- Ultra-high speed switching and newly developed control circuitry delivers super-clean full-range audio with very low distortion and noise.

#3 Studio-Grade Signal Processing

Benefits:

- 12dB/octave high or low-pass filters for each channel bank with fully variable frequency selection from 50-500 Hz via detented, calibrated potentiometers.
- Remote level control with optional controller (HD-RLC). Assignable to all four channels or rear channels only.
- Preamp outputs (pass-through type)

#4 v2 SPEC: Dual-Range Differential-Balanced Inputs and Signal/Offset Sensing Turn-On

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals up to 8V RMS, including those from factory systems, without a line-output converter (LOC); just splice wires to a pair of RCA ends or RCA cables. 2 or 4 channel input capability (switchable)
- Automatic turn-on option via Signal-Sensing or DC-Offset sensing

#5 Advanced Rollback Protection

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.

TECHNOLOGIES	



XD200/2v2

Two-Channel Amplifier

POSITION:

Unbelievably compact and ready to open up a huge range of installation opportunities.



XD200/2v2

Full-Range, Class D Two-Channel Amplifier:

2 x 75W @ 4 ohms / 2 x 100W @ 2 ohms

(1 x 200W @ 4 ohms bridged / 1 x 150W @ 8 ohms bridged)

Power ratings @ 14.4V with less than 1% 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 Ultra-Compact Footprint / Highly Versatility

Benefits:

- Fits nearly anywhere: 6.85 x 7.09 x 2.05 in. (174 x 180 x 52 mm).
- Perfect for any automotive 2-channel implementation
- Bridgeable to power a subwoofer system or a center channel
- Ideal for many motorcycle and powersports applications.

#2 NexD™ Switching Amplifier Technology

Benefits:

- Our latest generation of switching technology delivers exceptional efficiency to reduce current draw and heat, permitting reliable high power output within a very small, easy to install design.
- Ultra-high speed switching and newly developed control circuitry delivers super-clean full-range audio with very low distortion and noise.

#3 Studio-Grade Signal Processing

Benefits:

- 12dB/octave high or low-pass filter with fully variable frequency selection from 50-500 Hz via detented, calibrated potentiometer.
- Remote level control with optional controller (HD-RLC).
- Preamp outputs (pass-through type)

#4 v2 SPEC: Dual-Range Differential-Balanced Inputs and Signal/Offset Sensing Turn-On

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals up to 8V RMS, including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables.
- Automatic turn-on option via Signal-Sensing or DC-Offset sensing

#5 Advanced Rollback Protection

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.
- Unitary Cast Alloy Chassis for superior heat dissipation and mechanical integrity.



XD1000/5v2

Five-Channel Amplifier

POSITION:

A kilowatt of full-system versatility in a sleek, compact chassis.



XD1000/5v2

Five-Channel, Class D System Amplifier:
4 x 75W + 400W @ 4 ohms / 4 x 100W + 600W @ 2 ohms

Power ratings @ 14.4V with less than 1% 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 Ultra-Compact Footprint / Amazing Versatility

Benefits:

- Fits nearly anywhere: 14.73 x 7.09 x 2.05 in. (374 x 180 x 52 mm).
- Use it to drive an entire audio system
Front Speakers + Rear Speakers + Subwoofer
- Use it to drive a tri-amplified (3-way) speaker system with individual channels
Tweeters + Component Woofers + Subwoofers
Component Systems + Midbass Drivers + Subwoofers

#2 NexD™ Switching Amplifier Technology

Benefits:

- Our latest generation of switching technology delivers exceptional efficiency to reduce current draw and heat, permitting reliable high power output within a very small, easy to install design.
- Ultra-high speed switching and newly developed control circuitry delivers super-clean full-range audio in the four main channels and robust low-frequency power to a subwoofer system.

#3 Studio-Grade Signal Processing

Benefits:

- Ch 1 & 2: 12dB/octave high-pass filter with fully variable frequency selection from 50-500 Hz (500-5000 Hz with "x10" switch engaged). Detented, calibrated potentiometer.
- Ch 3 & 4: 12dB/octave high-pass or bandpass filter with fully variable high-pass frequency selection from 50-500 Hz. Detented, calibrated potentiometer. Low pass side of bandpass filter is set by Ch 1 & 2 Filter Freq. setting.
- Subwoofer Channel: 12dB or 24dB/octave low-pass filter with fully variable frequency selection from 50-500 Hz via detented, calibrated potentiometer.
- Remote level control with optional controller (HD-RLC). Assignable to all channels or subwoofer channel only.

#4 v2 SPEC: Dual-Range Differential-Balanced Inputs and Signal/Offset Sensing Turn-On

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals up to 8V RMS, including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables. 2, 4 or 6 channel input capability (switchable)
- Automatic turn-on option via Signal-Sensing or DC-Offset sensing

#5 Advanced Rollback Protection

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.



XD700/5v2

Five-Channel Amplifier

POSITION:

Five Channels of full-system versatility in a sleek, compact chassis that fits almost anywhere.



XD700/5v2

Five-Channel, Class D System Amplifier:

4 x 75W + 180W @ 4 ohms / 4 x 100W + 300W @ 2 ohms

Power ratings @ 14.4V with less than 1% 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 Ultra-Compact Footprint / Amazing Versatility

Benefits:

- Fits nearly anywhere: 10.23 x 7.09 x 2.05 in. (260 x 180 x 52 mm).
- Use it to drive an entire audio system
Front Speakers + Rear Speakers + Subwoofer
- Use it to drive a tri-amplified (3-way) speaker system with individual channels
Tweeters + Component Woofers + Subwoofers
Component Systems + Midbass Drivers + Subwoofers

#2 NexD™ Switching Amplifier Technology

Benefits:

- Our latest generation of switching technology delivers exceptional efficiency to reduce current draw and heat, permitting reliable high power output within a very small, easy to install design.
- Ultra-high speed switching and newly developed control circuitry delivers super-clean full-range audio in the four main channels and robust low-frequency power to a subwoofer system.

#3 Studio-Grade Signal Processing

Benefits:

- Ch 1 & 2: 12dB/octave high-pass filter with fully variable frequency selection from 50-500 Hz (500-5000 Hz with "x10" switch engaged). Detented, calibrated potentiometer.
- Ch 3 & 4: 12dB/octave high-pass or bandpass filter with fully variable high-pass frequency selection from 50-500 Hz. Detented, calibrated potentiometer. Low pass side of bandpass filter is set by Ch 1 & 2 Filter Freq. setting.
- Subwoofer Channel: 12dB or 24dB/octave low-pass filter with fully variable frequency selection from 50-500 Hz via detented, calibrated potentiometer.
- Remote level control with optional controller (HD-RLC). Assignable to all channels or subwoofer channel only.

#4 v2 SPEC: Dual-Range Differential-Balanced Inputs and Signal/Offset Sensing Turn-On

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals up to 8V RMS, including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables. 2, 4 or 6 channel input capability (switchable)
- Automatic turn-on option via Signal-Sensing or DC-Offset sensing

#5 Advanced Rollback Protection

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.

TECHNOLOGIES

NexD™
SWITCHING TECHNOLOGY



Advanced
Rollback
Protection

DIFFERENTIAL
BALANCED INPUTS



XD500/3v2

Three-Channel System Amplifier

POSITION:

Super-clean, full system power in an amazingly compact chassis.



XD500/3v2

Three-Channel, Class D System Amplifier:
2 x 75W + 1 x 180W @ 4 ohms / 2 x 100W + 1 x 300W @ 2 ohms

Power ratings @ 14.4V with less than 1% 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 Ultra-Compact Footprint / Highly Versatility

Benefits:

- Fits nearly anywhere: 8.52 x 7.09 x 2.05 in. (217 x 180 x 52 mm). 33% Smaller than HD600/4 and 61% smaller than 300/4v3!
- Drives main speakers with 75W x 2, plus a subwoofer system with up to 300W
- Ideal for: Pickup-Trucks, Sports Cars and Factory System upgrades

#2 NexD™ Switching Amplifier Technology

Benefits:

- Our latest generation of switching technology delivers exceptional efficiency to reduce current draw and heat, permitting reliable high power output within a very small, easy to install design.
- Ultra-high speed switching and newly developed control circuitry delivers super-clean full-range audio to the main channels and robust low-frequency power to the subwoofer channel.

#3 Studio-Grade Signal Processing

Benefits:

- 12dB/octave high-pass filter for for the main channel bank with fully variable frequency selection from 50-500 Hz via detented, calibrated potentiometer.
- 12dB or 24dB/octave low-pass filter for the subwoofer channel with fully variable frequency selection from 50-500 Hz via detented, calibrated potentiometer.
- Remote level control with optional controller (HD-RLC). Assignable to all three channels or subwoofer channel only.
- Preamp outputs (pass-through type)

#4 v2 SPEC: Dual-Range Differential-Balanced Inputs and Signal/Offset Sensing Turn-On

Benefits:

- NO NOISE! Outstanding noise rejection prevents alternator whine and other noises.
- Can accept speaker level signals up to 8V RMS, including those from factory systems, without a line-output converter (LOC): just splice wires to a pair of RCA ends or RCA cables. 2 or 4 channel input capability (switchable)
- Automatic turn-on option via Signal-Sensing or DC-Offset sensing

#5 Advanced Rollback Protection

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.
- Unitary Cast Alloy Chassis for superior heat dissipation and mechanical integrity.