PrecisionPower®

Absolutely State of the Art Mobile Audio™

PV-702HB

300W 4ch   Bluetooth

2019

www.precisionpower.com

iON

We're in a time where small is "in". Smaller, more economical vehicles are more and more desirable. But that doesn't mean you have to sacrifice big power for your system. The new iON amplifiers pack huge amounts of power into small chassis thanks to efficient full range Class D topology and SMT technology. Complimented with every possible preamp adjustment, the iON amplifiers leave nothing to be desired...

The iOn family is proud to welcome a 500w 4ch model with built-in Bluetooth 4.0. Seamlessly connect your cell phone or other enabled smart device for continuous audio playback at your fingertips. A great addition to off-road vehicles, motorcycles, or personal watercraft missing a source unit.

Small Compact 4.75" Wide Chassis
2-ohm Stereo & 4-ohm Bridged Full Range Operation
1-ohm Minimum Impedance Monoblock Operation
MOSFET Power Supply w/ Audiophile Grade IR™ Transistors
Military Grade SMT PCB Maintains Dynamic Performance
Hybrid Aluminum Alloy Heatsink for Optimum Dissipation
Direct Short, Thermal, & Overload Circuits Protect Amplifier
200mV-6V High Level or Low Level RCA Input
Quick Disconnect RCA/High Level Wire Harness
Direct Wire 8ga. Power and Speaker Output Harness
Variable 12dB High Pass, Low Pass, & Subsonic Crossovers
12dB Bass Boost Increases Low Octave Harmonics (monoblock)
Dash Mount Gain Control Module Included (select models)

iON	i350.2	i520.4	i520.4B	i1000.4	i640.5	i650.1	i1000.1
Channels	2 Ch.	4 Ch.	4 Ch. Bluetooth	4 Ch.	5 Ch.	Monoblock	Monoblock
Max Power	700w	1,000w	1,000w	2,000w	1,300w	1,300w	2,000W
RMS Power 4Ω	115 x 2	100 x 4	100 x 4	140 x 4	60 x 4 + 200 x 1	400 x 1	350 x 1
RMS Power 2Ω	175 x 2	130 x 4	130 x 4	250 x 4	80 x 4 + 350 x 1	650 x 1	600 x 1
RMS Power 4Ω Bridged	350 x 1	260 x 2	260 x 2	500 x 2	160 x 2 + 350 x 1	-	1,000 x 1 (1Ω)
Remote Gain Control	-	-	-	-	Included	Included	Included
Dimensions: (5.375"w x 1.875"h)	5.50"	9.25"	9.25"	10.25"	9.25"	9.25"	10.25"

BLACK ICE *amplifiers*

Precision Power is proud to introduce the newest generation of amplifiers, Black ICE. Over compensated high headroom power supplies are capable of producing more than conventional power gain with 2 ohm loads. Additionally, double sided PCB's with all surface mount technology enhance the quality of your listening experience.

2-Ohm Stereo, 4-Ohm Bridged Full Range Operation
1-Ohm Stable Class D Monoblock Operation
Direct Short, Thermal, & Overload Circuits Protect Amplifier
200mV-6V High Level or Low Level RCA Input
Tri-Mode Capable (2/4/5 ch. models)
Variable 12dB High, Low, & Subsonic Crossovers
Variable 12dB Band-Pass Crossovers (2ch & 5ch)
12dB Bass Boost Increases Low Octave Harmonics (monoblock)
Direct Wire 4ga. Power & 12ga Speaker Terminals
Dash Mounted Remote Gain Control (5ch. & 1 ch.)

BLACK ICE	ICE800.2	ICE1000.4	ICE1600.4	ICE2200.5	ICE1300.1D	ICE2600.1D	ICE5000.1D	ICE7000.1D
Channels	2 Ch.	4 Ch.	4 Ch.	5 Ch.	Monoblock	Monoblock	Monoblock	Monoblock
MAX Power	800w	1,000w	1,600w	2,200w	1,300w	2,600w	5,000w	7,000w
RMS Power 4Ω	130 x 2	80 x 4	130 x 4	90 x 4 + 380 x 1	300	600	1,200	1,000
RMS Power 2Ω	200 x 2	125 x 4	200 x 4	135 x 4 + 560 x 1	450	900	1,700	1,500
RMS Power 4Ω Bridged	400 x 1	250 x 2	400 x 2	270 x 2 + 560 x 1	-	--	-	2,300 (1Ω)
RMS Power 1Ω	-	-	-	-	650	1,300	2,500	3,500 (.5Ω)
Remote Gain Control	-	-	-	Included	Included	Included	Included	Included
Dimensions: (8.25"w x 2.5"h)	11.50"	12.50"	15.50"	17.00"	10.00"	12.00"	17.00"	21.00"

PrecisionPower® TRAX

Precision Power is proud to introduce the newest generation of amplifiers, TRAX. Over compensated high headroom power supplies are capable of producing more than conventional power gain with 2 ohm loads. Additionally, the Hi-Tech PCB's with the latest technology enhance the quality of your listening experience.

2-Ohm Stereo, 4-Ohm Bridged Full Range Operation
2-Ohm Stable Class D Monoblock Operation
Direct Short, Thermal, & Overload Circuits Protect Amplifier
200mV-6V High Level or Low Level RCA Input
Tri-Mode Capable (2/4/5 ch. models)
Variable 12dB High, Low, & Subsonic Crossovers
Variable 12dB Band-Pass Crossovers (2ch & 5ch)
12dB Bass Boost Increases Low Octave Harmonics (monoblock)
Direct Wire 4ga. Power & 12ga Speaker Terminals
Dash Mounted Remote Gain Control (5ch. & 1 ch.)

TRAX	TRAX2.800D	TRAX4.1200D	TRAX4.1600D	TRAX5.2200D	TRAX1.1200D	TRAX1.2000D	TRAX1.3000D
Channels	2 Ch.	4 Ch.	4 Ch.	5 Ch.	Monoblock	Monoblock	Monoblock
MAX Power	800w	1,200w	1,600w	2,200w	1,200w	2,000w	3,000w
RMS Power 4Ω	125w x 2	100w x 4	125w x 4	100w x 4 + 350w x 1	400w x 1	700w x 1	1,000w x 1
RMS Power 2Ω	200w x 2	150w x 4	200w x 4	150w x 4 + 500w x 1	600w x 1	1,000w x 1	1,500w x 1
RMS Power 4Ω Bridged	400w x 1	300w x 2	400w x 2	300w x 2 + 500w x 1	-	--	-
Remote Gain Control	-	-	-	Included	Included	Included	Included
Dimensions: (9.75"W X 2.50"H)	7.75"L	11.75"L	13"L	15"L	9"L	14"L	16.5"L

SIGNAL PROCESSORS

E.7
1/2 DIN 7-Band Parametric EQ w/ LED Display

Seven Variable Frequency Bands
+/- 12dB Boost/Cut for Each Band
LED Display Shows Frequency & Voltage
Independent Subwoofer Level Control
Variable 30-300Hz Subwoofer Low-Pass Filter
Variable 15-50Hz 12dB Subsonic Filter
2 Selectable Balanced RCA Inputs
Independent Channel Gain Controls
Input Selector Switch & Fade Control
Built-in 7V MAX Line Driver
Front, Rear, & Subwoofer RCA Outputs
White LED Backlit Control Knobs

E.DZ
1/2 DIN Dual Zone Equalizer

2 Selectable Balanced RCA Inputs w/ Input Gain
Four 18dB Front Bands; 125Hz, 500Hz, 3.5kHz, 12kHz
Three 18dB Rear Bands; 50Hz, 600Hz, 6.3kHz
Independent Subwoofer Level Control
Selectable Subwoofer LPF; 32Hz, 64Hz, 125Hz
Up to 8V Front, Rear, & Subwoofer RCA Outputs
Fader Control
Red Backlit Control Knobs

BP.8
Bass Signal Processor

Variable 27-63Hz Bass EQ
Variable Boost Q
Boost Voltage Limitation Control
Selectable 35,50,80Hz Subsonic Filter
10V Max Line Driver
Balanced Signal Inputs, Up To 15 Volts
Selectable Signal Grounding Mode
Selectable Ground Isolation
Dash Mount Remote Gain Control
THD: .003%
S/N Ratio: 130dB

PHANTOM
subwooter

Woven Fiberglass Composite Cone

All Phantom subwoofers use fiberglass stranding woven together for ultimate strength and less elasticity. A heavy soaking in epoxy combined with the sonic qualities of pulp paper backing proves itself worthy of any system.

100% OFC 4-Layer Voice Coil

Phantom subwoofers use generous 1.50" long, 2.5" diameter 100% OFC Copper voice coils. A vented Aluminum former extract and dissapate any heat build-up, resulting in improved power handling.

Extended Excursion Polyurethane Surround

Polyurethane is a foam compound used in the manufacture of countless gasket and insulation products, known for its adhesive bonding properties. Phantom subwoofers utalize an extended excursion polyurethane surround for strength and flexiabiity during extreme movement.

Back Plate & T-Yoke Venting

Heat build-up is a leading cause of catastrophic woofer failure. Venting built into the T-Yoke, back plate, and voice coil extract and dissapate heat, ensuring Phantom subwoofers keep their cool.

PHANTOM	PH.10	PH.12
RMS / MAX Power (watts)	700 / 1,400	800 / 1,600
Efficiency (1w/1m dB)	82.95dB	85.80dB
Voice Coil Configuration	2.50" DVC 2Ω	2.50" DVC 2Ω
Mounting Depth	5.875"	6.00"
Optimum Sealed ft³	1.00	1.50
Optimum Ported ft³	1.50	2.25

SEDONA ACTIVE subwoofers

Sedona active subwoofer enclosures are an "all-in-one" solution when adding bass to a factory or upgraded audio system. Each Sedona enclosure is manufactured with industrial grade medium density fiberboard (MDF) and wrapped in premium black upholstery. A complimenting class D amplifier is flushed into the back of each enclosure, with variable crossovers and bass boost. Select 12" enclosures include a horn loaded port for maximum output.

Rugged Medium Density Fiberboard Construction
Horn Loaded Port for Maximum Output (12" versions)
Direct Wire 4ga. Power & Ground Wire Connections
Quick Disconnect Power & Ground Wire Harness (SNBX.8)
Variable 12dB Low Pass Crossover Filter

18dB Bass Boost Increases Low Octave Harmonics
1800 Signal Phase Switch (SNBX.121 only)
200mV-6V Low Level RCA or High Level Signal Input
Direct Short, Thermal, & Overload Circuit Protection
Dash Mounted Remote Gain Control Included

SNBX.8
Single 8" in a Vented Enclosure
w/ 300w Class D Amplifier
11.25"h x 5.5"d x 19"l

SNBX.112
Single 12" in a Vented Enclosure
w/ 400w Class D Amplifier
16"h x 18.5"d x 17"l

POWER*CLASS*

Traditional thinking suggests that the human ear can only audibly hear up to 20,000 Hz. So why build a product with reproduction capability to 40,000 Hz? The answer is simple. While we can only audibly hear to 20,000 Hz, there is musical harmonic content well beyond. It is these higher frequencies harmonics that give music texture, presents and the airiness of a live performance. It is those higher frequencies that give music emotion and touches your other senses. They excite the hair folicals on your arms . . . . your legs . .. the back of your neck. It makes your audio system sound like you are sitting in front of a live performance.

At Precision Power we throw out the traditional "it's good enough" thinking our competition clings to. Quite simply be break tradition to give you the most realistic audio reproduction possible!

Tweeter:

Adjustable Spin Nut Mounting System
Air Motion Technology
High Power Neo Magnets
Integrated Lead Wires

Midrange:

Stamped Steel Frame
PVC "Sealer" Integrated Trim Ring Grill
Natural Fiber Composite Cone
Inverted Surround Technology
High Power Strontium Ferrite Magnets
Integrated Push Terminals

Woofer:

Die Cast Aluminum Frame
PVC "Sealer" Integrated Trim Ring Grill
Natural Fiber Composite Cone
Inverted Surround Technology
High Power Strontium Ferrite Magnets
Integrated Nickel Plated Spring Terminals

POWERCLASS	P.65C3
Size & Configuration	6.5" 3-way
RMS / MAX Power (watts)	200 / 400
Frequency Response	20-40kHz
Efficiency (1w/1m dB)	94dB
Woofer Mounting Depth	2.65"

"The three-way PPI system delivers a level of detail that I usually only expect from good home speaker systems..."

GARRY SPRINGGAY
TECHNICAL EDITOR
PASMAG

PAS MAG+

3-WAY
COMPONENTS

SEDONA
speakers

Improved Efficiency Diaphragm & Magnet Structure
Injection Molded Polypropylene Cone
Treated Woven Cloth Surround
Phase Plug Inproves Dynamic Response
1" Voice Coil on Aluminum Former
4-ohm System Impedance
Quick Disconnect Terminals
1" Flush & Surface Mount Dome Tweeter
Passive Crossover Included
Built-in Tweeter Protection

SEDONA	SC.65
Size & Configuration	6.5" 2-way
RMS / MAX Power (watts)	120 / 350
System Impedance	4-Ohm
Frequency Response	70-20kHz
Efficiency (1w/1m dB)	92dB
Woofer Mounting Depth	2.50"

SD.694

SD.52

SD.653

SD.573

SD.42

SEDONA SPEAKER	SD.694	SD.653	SD.52	SD.42	SD.573
Size & Configuration	6" x 9" 4-way	6.5" 3-way	5.25" 2-way	4" 2-way	5" x 7" 3-way
RMS / MAX Power (watts)	170 / 500	100 / 300	80 / 250	70 / 200	120 / 350
System Impedance	4-Ohm	4-Ohm	4-Ohm	4-Ohm	4-Ohm
Frequency Response	50-20kH	80-20kHz	90-20kHz	100-20kHz	75-20kHz
Efficiency (1w/1m dB)	90dB	89dB	87dB	85dB	89dB
Woofer Mounting Depth	4.25"	3.125"	3.125"	2.875"	2.625"

Improved Efficiency Diaphragm & Magnet Structure
Injection Molded Polypropylene Cone
Treated Woven Cloth Surround
1" Voice Coil on Aluminum Former
4-ohm System Impedance
Quick Disconnect Terminals
2" Balanced Dome Mylar Midrange (SD-694)
1" Balanced Dome Mylar Tweeter
1/2" Dome Super Tweeter (select models)

PRO-AUDIO
MIDRANGE

2-WAY PRO AUDIO SPEAKER WITH COMPRESION TWEETER!

2-WAY COAXIAL	PM2.654	PM2.804	PM2.104
Size	6.50"	8.00"	10.00"
Peak Power Handlin	225w	300w	450w
Impedance	4-Ohm	4-Ohm	4-Ohm
Frequency Response	150-8kHz	140-6kHz	85-4.5kHz
Efficiency (1w/1m dB)	96dB	98dB	99dB
Mounting Depth	3.125"	3.50"	4.00"

PRO2.XVR
Crossover for PM2 2-way Pro Audio Speakers w/ Compression Tweeter

COMPRESSION TWEETERS

TWEETERS	PT.2	PT.4
Peak Power Handling	90w	100w
Diaphrgam Size/Material	1.00" Titanium	1.00" Aluminum
Impedance	4-Ohm	4-Ohm
Frequency Response	3kHz-20kHz	3kHz-20kHz
Efficiency (1w/1m dB)	109dB	109dB
Mounting Depth	1.125"	1.50"-2.00"

PT.2 (pair)

PT.4 (pair)

TWEETERS

Flush, Surface, or Angle Mounting
Adjustable Eyeball Design
Built-in 12 dB In-Line Crossover

	T.2
Peak Power Handling	100w
Diaphrgam Size/Material	1.00" Mylar
Impedance	4-Ohm
Frequency Response	2kHz-21kHz
Efficiency (1w/1m dB)	94dB
Mounting Depth	0.75"

PVN-702HB - Includes GPS Navigation
PV-702HB - Standard Features
2-DIN Multimedia DVD Source Unit w/ Bluetooth V4.0 & 7" LCD

NEW FOR 2019

DVD | Bluetooth® | USB | SDHC | AUX INPUT | X300 WATT 4CH. AMPLIFIER

STEERING WHEEL
REMOTE CONTROL

General Information
2-DIN Multimedia System w/ 6.2" LCD
ISO 2-Din Chassis, Mounting Sleeve Included
HD 6.2" 1024x600 LCD w/ Adjustable Backlight
Clear Glass Resistive Anti-Glare Touchscreen
7-Color RGB LED Illuminated Keys & Accents
Bluetooth 4.0 Phone Calling + A2DP Audio Streaming
RCA Back-up Camera Input w/ +12V Auto-on Trigger
Accessory Steering Wheel Remote Control Included
Steering Wheel Remote Control Input(s) Included
10-Band 8dB Boost/Cut Equalizer & Preset EQs
Smart Device Remote Control App available on app Stores
ID3 Tag & Album Art & Title Display

Digital Media Playback
Video & Audio Playback from DVD, DVDR, CD, & CDR Discs
Video & Audio Playback from 64GB USB or Full Size SD Card
1080p MP4 & WMV Video Playback; MP3 & WMA Audio Playback

Audio/Video In's & Out's
AUX Audio (3.5mm) Input for External Devices on Front Panel
6ch Preamp RCA Outputs; Front + Rear + Variable Subwoofer, 4V
RCA A/V Input for External Source Display + 2 RCA Video Output
4Ch. 300w Max Class A/B Full Range Speaker Amplifier Built-in

GPS Navigation
Turn-by-Turn GPS Navigation System Built-in
Street Maps of all 50 U.S.A. States on Micro SD
17 Million Points of Interest Database Included

Android PhoneLink
Android PhoneLink Mobile Device Integration
Complete Control Of Android Devices via USB

PV-620B 2-DIN Multimedia DVD Source Unit w/ 6.2" LCD Touch Screen & Bluetooth Connectivity

DVD | Bluetooth® | USB | SDHC | AUX INPUT | TOUCH SCREEN | X300 WATT 4CH. AMPLIFIER

General Information
2-DIN Multimedia System w/ 6.2" LCD
ISO 2-Din Chassis, Mounting Brackets Included
HD 6.2" 800x480 LCD w/ Adjustable Backlight
Clear Glass Resistive Anti-Glare Touchscreen
7-Color RGB LED Illuminated Keys & Accents
Bluetooth 4.0 Phone Calling + A2DP Audio Streaming
Back-up Camera RCA Input w/ +12V Auto-on Trigger
Front Camera RCA Input w/ On-Screen Trigger
10-Band 8dB Boost/Cut Equalizer & Preset EQs

Digital Media Playback
Video & Audio Playback from DVD, DVDR, CD, & CDR Discs
Video & Audio Playback from 64GB USB or Micro/TF SD Card
720p MP4 & WMV Video Playback; MP3 & WMA Audio Playback

Audio/Video In's & Out's
AUX Audio (3.5mm) Input for External Devices on Front Panel
5ch Preamp RCA Outputs; Front + Rear + Subwoofer
RCA A/V Input for External Source Input + 2 RCA Video Output
4Ch. 300w Max Class A/B Full Range Speaker Amplifier Built-in

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PVCD-91B 1-DIN CD/MP3, AM/FM Recevier w/ Bluetooth Connectivity
PV-91B 1-DIN Digital Audio Source Unit w/ Bluetooth Connectivity & Deachable Face
PV-91BP 1-DIN Digital Audio Source Unit w/ Bluetooth Connectivity

Bluetooth® | USB | SDHC | AUX INPUT | X300 WATT 4CH. AMPLIFIER

General Information
1-DIN Digital Audio Entertainment System
ISO 1-Din Chassis, Mounting Sleeve Included
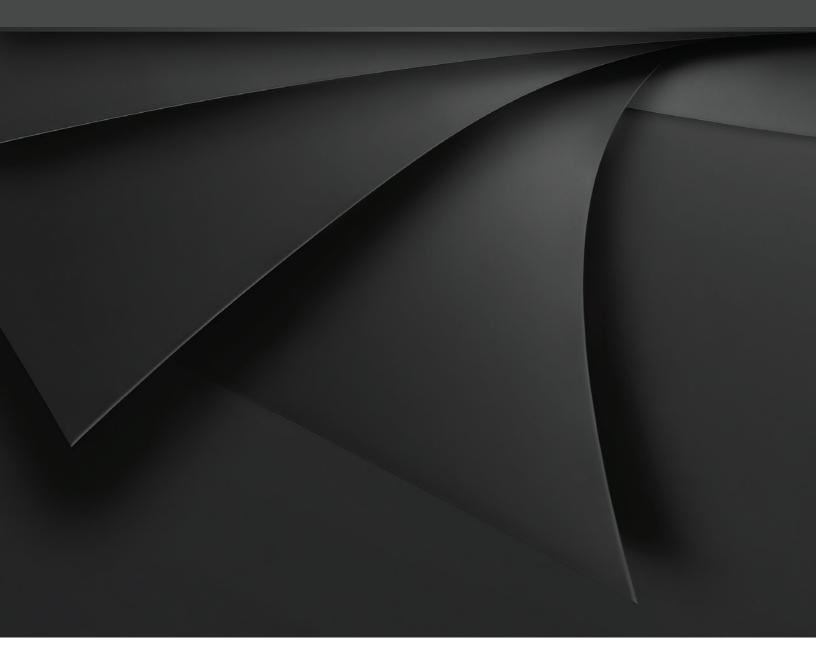*Bluetooth 4.0 Phone Calling + A2DP Audio Streaming*

Digital Media Playback
Audio Playback from CD & CDR Discs (PVCD-91B)
Audio Playback from 64GB USB or Full Size SD Card
MP3 & WMA Audio File Type Playback

Audio/Video In's & Out's
AUX Audio (3.5mm) Input for External Devices on Front Panel
4ch Preamp RCA Outputs; Front L/R + Rear L/R
4Ch. 300w Max Class A/B Full Range Speaker Amplifier Built-in

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