

Precision**Power**®

Absolutely State of the Art Mobile Audio™



2008

Precision**Power**


www.precisionpower.com

SUBWOOFERS

AMPLIFIERS

SPEAKERS

SOURCE UNITS



amplifiers

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"

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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

subwoofer



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 dissipate 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 utilize an extended excursion polyurethane surround for strength and flexibility 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 dissipate 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 complimentary 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.212

Two 12" in a Vented Enclosure
w/ 800w Class D Amplifier
16"h x 18.5"d x 30"l



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



POWERCLASS

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 we 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

Woofers:

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



3-WAY
COMPONENTS

SEDONA speakers

- Improved Efficiency Diaphragm & Magnet Structure
- Injection Molded Polypropylene Cone
- Treated Woven Cloth Surround
- Phase Plug Improves 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"



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
Size	6.50"	8.00"
Peak Power Handlin	225w	300w
Impedance	4-Ohm	4-Ohm
Frequency Response	150-8kHz	140-6kHz
Efficiency (1w/1m dB)	96dB	98dB
Mounting Depth	3.125"	3.50"



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



COMPRESSION TWEETERS

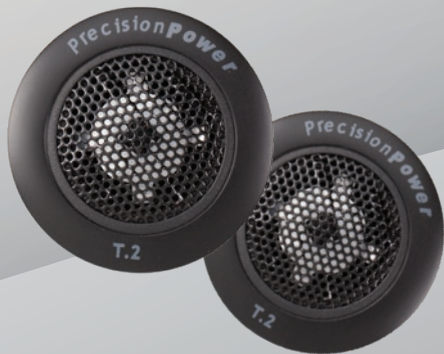
TWEETERS	PT.2	PT.4
Peak Power Handling	90w	100w
Diaphrgam Size/Material	1.00" Titanium	1.00" Aluminum
Impedance	4-Ohm	4-Ohm
Frequency Response	3kHz-20kHz	3kHz-20kHz
Efficiency (1w/1m dB)	109dB	109dB
Mounting Depth	1.125"	1.50"-2.00"



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"



HEAD UNITS

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



2-DIN Multimedia Receiver w/ 6.2" LCD Touch Screen
Bluetooth V3.0 Hands Free Calling From Enabled Devices
A2DP Wireless MP3 Audio Playback From Enabled Devices
Built-in Steering Wheel Control Interface
Playback from DVD & CD of MP3 & MP4
Playback from 32GB SD/USB of MP3 & MP4
ID3 MP3 Tag Reading for Track & Artist Information
AUX A/V Input for Personal Media Devices
Front & Rear Pre-Amp Audio Outputs
Subwoofer Pre-Amp Audio Output
Video Output for Auxiliary Devices
Front View Camera Input
Rear View Camera Input w/ Trigger
300w 4 Ch. MOSFET Amplifier
Custom & Preset Equalizer Settings
Multi-Region FM Frequency Stepping
800x480 Widescreen Resolution
400 NIT LED Brightness



PVCD-91B 1-DIN CD/MP3, AM/FM Recevier w/ Bluetooth Connectivity



Theft Deterrent detachable faceplate
Faceplate Carry Case Included
Bluetooth V4.2 Hands Free Calling
A2DP Wireless MP3 Audio Playback
Playback from 32GB USB of MP3 & WMA
Playback from CD of MP3 & WMA
AUX 3.5mm Audio Input
Front & Rear Pre-Amp Output
300w 4ch MOSFET Speaker Outputs
Custom & Pre-Set Equalizer Settings
Audio Staging Controls
12/24 Hour Digital Clock
Remote Control Included



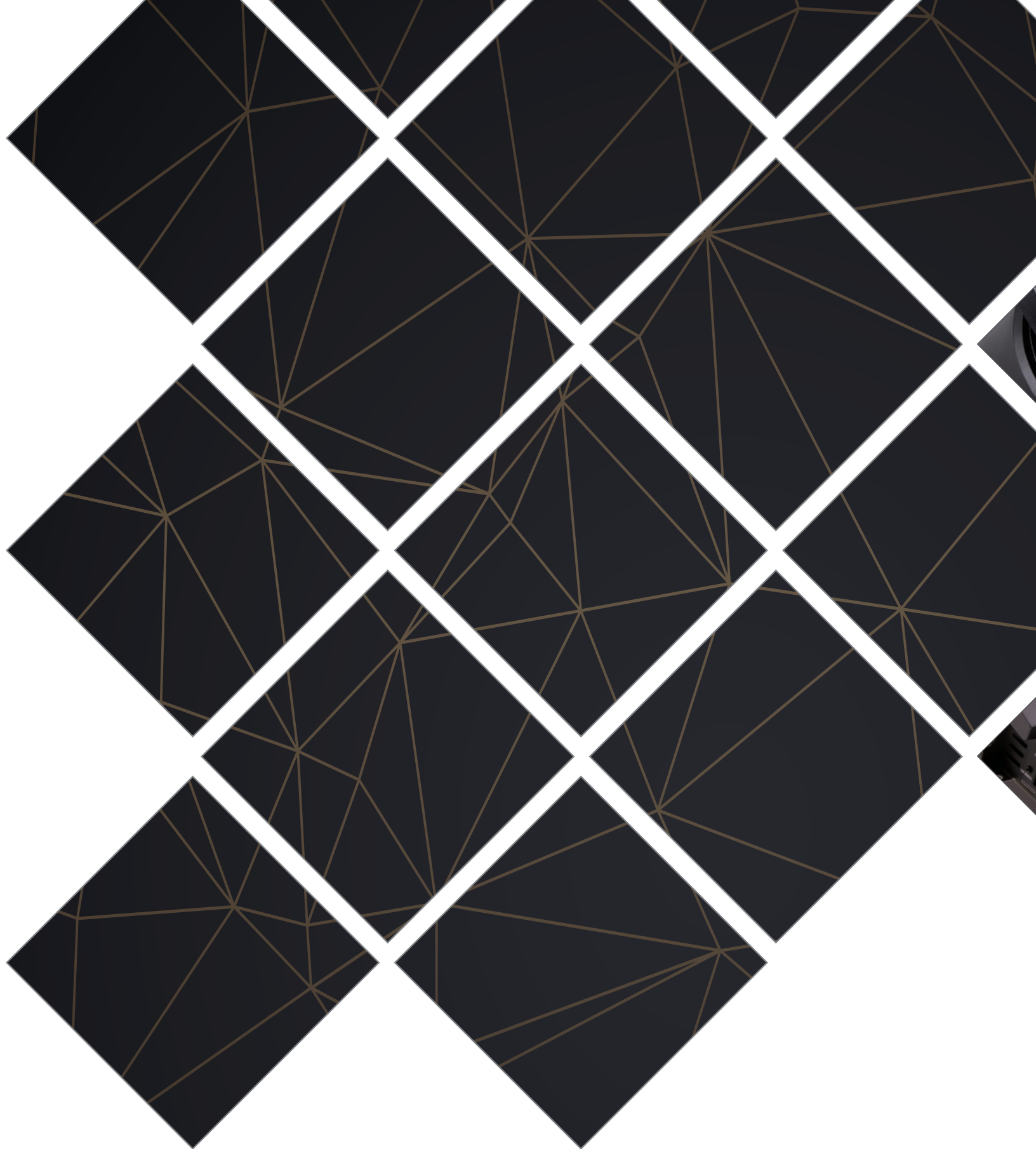
PV-91B 1-DIN Digital Audio Source Unit w/ Bluetooth Connectivity & Deachable Face

PV-91BP 1-DIN Digital Audio Source Unit w/ Bluetooth Connectivity



Bluetooth V4.0 Hands Free Calling
A2DP Wireless MP3 Audio Playback
Playback from 32GB USB of MP3 & WMA
Playback from CD of MP3 & WMA
AUX 3.5mm Audio Input
Front & Rear Pre-Amp Output
300w 4ch MOSFET Speaker Outputs
Custom & Pre-Set Equalizer Settings
Audio Staging Controls
12/24 Hour Digital Clock
Remote Control Included





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