



**PrecisionPower**<sup>®</sup>  
*Absolutely State of the Art Mobile Audio*<sup>™</sup>

SUBWOOFERS

AMPLIFIERS

FULL RANGE

SOURCE UNITS

ACCESSORIES

**2012**  
[www.PrecisionPower.com](http://www.PrecisionPower.com)

# *EPSILON*

GROUP OF COMPANIES

*The only factor that remains "unchanged" in the electronics industry is "change". Our business has grown mainly by technological innovations and unsurpassed customer loyalty.*

*Our approach is simple: continue to increase the value of products for our customers. Each year we offer products with features that supersede previous models, as well as your expectations. We apply the most innovative ideas to our designs and features up to the last possible moment, insuring nothing is overlooked.*

*In 2012, we again launch revolutionary new technologies that will influence the mobile electronics industry for years to come. Our engineering staff overworked themselves to bring you these exciting new innovations. This year we offer support of larger capacity media storage devices, more formats, higher quality interfaces, and the list goes on... Every model is designed with ease of use in mind. Form and function are blended to create modern products that meet the demands of the everyday user, with looks to kill. Look through this catalog and you will understand how Precision Power is an industry leader.*

*We are optimistic that 2012 dawns a bright future in the aftermarket in-car entertainment industry, with advancements available only at a Precision Power dealer.*

*31 years of success would not have been possible without listening to loyal customer feedback, and applying it to our engineering & product development. We look forward to continued years of successful partnerships, ensuring mutual growth & industry leading innovations...*



## 10,000w SPL Competition Amplifier

- Non-Regulated MOSFET PWM Power Supply
- All "N" Channel TO218 MOSFET Transistors
- Dual Internally Bridged Mono-blocks
- Ideal for 16V Applications
- Three-Way Protection Circuitry
- Dash Mount Remote Gain Control
- Dual 0 ga. Power Inputs, 4 ga. Speaker Outputs
- Clear Plexiglas Bottom Included



PDX-10K	
Channels	1 ch. Class D
RMS @ 2Ω, 16V	3,700
RMS @ 1Ω, 16V	6,100
RMS @ .5Ω, 16V	10,000
Harmonic Distortion	1.00%
Frequency Response	15-150Hz
Signal-to-Noise Ratio	87dB
Damping Factor	> 350
Signal Voltage	200mV-7.6V
Potential Current Draw	1,200A
Low Pass Filter	24dB; 35-250Hz
Bass Boost	0-18dB; 40-120Hz
Subsonic Filter	24dB; 15-50Hz
Remote Gain Control	Yes
Dimensions	2.75" h x 12.625" w x 23.25L

# POWER CLASS AMPLIFIERS

Anybody who thinks that quality was lost when the old school products died is foolishly mistaken! Anything that involves technology advances over time. Newer materials, new engineering techniques, and technology itself. The Power class amplifiers clearly represents what audiophile quality car audio should be. Unparalleled sound quality stems from multiple factors; top quality torroidal transformers, all N-channel transistors, extremely low tolerance resistors and capacitors, and so forth. The preamp section is extremely detailed with 4 different types of crossovers: high pass, low pass, band pass, and subsonic. And just to be sure that the amplifier's output is not ruined by cheap or noisy input signals, we included balanced line inputs to be used with our BLT transmitters for the ultimate listening experience!



**BLT** Balanced Line Transmitter



- Sequenced Delays Eliminate Residual Power-Up/Power-Down Pops
- Differential RCA Inputs Isolate 12V/Audio to Ground, Eliminating Ground Loops and Noise
- Full Signal Path Low Noise/Distortion Circuitry Topology
- Optimal Component Layout for Minimal Distortion Induction & Signal Separation
- Triple Darlington Audio Output Stages
- Differential Drives Divide Pre-Amp & Power-Amp Stages, Eliminating Ground Looping
- Full Differential Feedback Surrounding Power-Amp Stages directly from Speaker Terminals resulting in Uncolored Sound Reproduction and Elimination of Ground Loops
- Output Stage Bias Individually Sequenced, Optimizing Sound Quality
- Stout 2 Oz. Copper Traces Effortlessly Transfer High Volume Internal Current
- Close Tolerance Signal Path Components - 1% Resistors & 5% Capacitors
- Parametric Bass Equalizer - Proprietary Bass Equalization
- Continuously Variable 41 Position Detent Crossovers
- Balanced Line Input from BLT
- Pulse Width Modulated
- Large TO218 MOSFET Transistors
- Volume, Low ESR Capacitance Banks Compensate Power Supply Ripple Currents
- Extra Low Current Drive Stage Increases Efficiency & Sound Clarity
- Individually Regulated Preamp/Crossover Power Supplies Ensure Signal Purity



Power Class	PC360.2	PC650.2	PC400.4	PC640.4	PC740.5	PC1000.1
Channels	2 ch. Class A/B	2 ch. Class A/B	4 ch. Class A/B	4 ch. Class A/B	5 ch. Class A/B	1 ch. Class D
RMS Power 4Ω	110 x 2	195 x 2	70 x 4	115 x 4	60 x 4 & 250 x 1	-
RMS Power 2Ω	180 x 2	325 x 2	100 x 4	160 x 4	90 x 4 & 380 x 1	1,000
RMS Power 4Ω Bridged	360 x 1	650 x 1	200 x 2	320 x 2	180 x 2 & 380 x 1	-
RMS Power 1Ω	-	-	-	-	-	1,000
Damping Factor	>3000	>1500	>2000	>3000	>2000	>2400
Stereo Separation	62dB	73dB	74dB	68dB	74dB	-
Channels 1&2 HPF	15-4kHz	15-4kHz	15Hz-4kHz	15-4kHz	15-4kHz	-
Channels 1&2 LPF	50-4kHz	50-4kHz	-	-	-	50-200Hz
Channels 3&4 HPF	-	-	15Hz-4kHz	15-4kHz	15-500Hz	-
Channels 3&4 LPF	-	-	50-4kHz	50-4kHz	50-4kHz; 50-200 ch.5	-
Bass Boost (30-90Hz)	0-12dB	0-12dB	0-12dB	0-12dB	0-12dB, 45Hz	0-12dB
Phase Control	-	-	-	-	180°	0-180°
Subsonic Filter	15-4kHz	15-4kHz	15Hz-4kHz	15Hz-4kHz	15-50Hz	15-50Hz
Remote Gain Control	Yes	Yes	-	-	Yes	Yes
Dimensions (2" h x 10" w)	11.375"	15"	13"	16.75"	16.75"	16"

Is bigger always better? No! For many years, if you wanted a big system, you needed big products. Not anymore. Introducing Phantom amplifiers for 2011. Using state of the art SMT and Class D technologies, you can now have a system as big as you want, and still not sacrifice all your storage area. These new big amps in a tiny chassis are available in 1, 2, 4 and 5 channel models to fit every application...



### Phantom Class D Amplifiers

- Class D Full Range SMT Circuitry
- Double Sided Composite Epoxy PCB
- 2-Ohm Stereo, 4-Ohm Bridged Multi-Channel
- 1-Ohm Stable Class D Monoblock
- Three-Way Protection Circuitry
- Delayed On/Off Circuit
- Tri-Mode Capable (2/4/5 ch. models)
- Variable 12dB High, Low, & Subsonic Crossovers
- Band-Pass Crossovers (4ch & 5ch.)
- Input Source Selector (4ch. & 5ch.)
- Variable 12dB 50Hz Bass Boost (1ch.)
- Dash Mounted Remote Gain Control (5ch. & 1 ch.)
- Direct Wire 8ga. Power & Speaker Terminals
- 0ga Reducer Terminal Included



Phantom	P600.2	P900.4	P900.5	P1000.1
Channels	2 ch. Class D	4 ch. Class D	5 ch. Class D	1 ch. Class D
RMS Power 4Ω	190 x 2	145 x 4	70 x 4 & 270 x 1	580
RMS Power 2Ω	300 x 2	225 x 4	115 x 4 & 440 x 1	725
RMS Power 4Ω Bridged	600 x 1	450 x 2	230 x 2 & 440 x 1	-
RMS Power 1Ω	-	-	-	1,000
Remote Gain Control	-	-	Yes	Yes
Dimensions (6.5"w x 2h)	8.25"	10.625"	13.25"	13.25"

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. Selected models accept balanced signal for the purest sound. Additionally, double sided PCB's with all surface mount technology enhance the quality of your listening experience.

Complimenting superior performance, a molded 1 piece gloss black aluminum surface and copper accents give Black ICE amplifiers the appearance their hidden technologies deserve.



**BLT** Balanced Line Transmitter

### Black Ice Amplifiers

- Full SMT Surface Mount Technology Circuitry
- Double Sided Composite Epoxy PCB
- 2-Ohm Stereo, 4-Ohm Bridged Multi-Channel
- 1-Ohm Stable Class D Monoblock
- Balanced Signal Input (requires BLT)
- Variable 12dB High, Low, & Subsonic Filters
- Band-Pass Crossovers (4ch & 5ch.)
- Input Source Selector (4ch. & 5ch.)
- Variable 12dB 45Hz Bass Boost
- Variable 0-180° Phase Control (1 ch.)
- Dash Mounted Remote Gain Control
- Direct Wire Power & Speaker Terminals
- Wire Concealing End Caps
- Molded Gloss Black Acrylic Top
- Three-Way Protection Circuitry
- Delayed On/Off Circuit
- Tri-Mode Capable (2/4/5 ch. models)

Black Ice Class A/B	BK120.2	BK210.2	BK340.2	BK340.4	BK520.4	BK800.4	BK580.5
Channels	2 ch.	2 ch.	2 ch.	4 ch.	4 ch.	4 ch.	5 ch.
RMS Power 4Ω	40 x 2	65 x 2	110 x 2	55 x 4	95 x 4	130 x 4	55 x 4 & 160 x 1
RMS Power 2Ω	60 x 2	105 x 2	170 x 2	85 x 4	130 x 4	200 x 4	85 x 4 & 240 x 1
RMS Power 4Ω Bridged	120 x 1	210 x 1	340 x 1	170 x 2	260 x 2	400 x 2	170 x 2 & 240 x 1
Remote Gain Control	-	-	Yes	-	-	-	Yes
Dimensions ((8.25" w x 2" h)	8.75"	9.5"	14.25"	12.25"	17.25"	21"	18.25"

Black Ice Class D	BK650.1D	BK1300.1D	BK1800.1D
Channels	1 ch. Class D	1 ch. Class D	1 ch. Class D
RMS Power 4Ω	240	500	700
RMS Power 2Ω	450	900	1,100
RMS Power 1Ω	650	1,300	1,800
Remote Gain Control	Yes	Yes	Yes
Dimensions (8.25" w 2" h)	12.5"	17"	19.75"

Back in the day, Sedona amplifiers stood for quality and durability with no sacrifice in sound reproduction. Today's economy yields higher sales for lower cost products. The Sedona amps are great quality with an entry level price point. But the features far exceed other entry level priced products on the market. High-pass low-pass, bandpass and subsonic crossovers are capable of everything imaginable from 15Hz-5kHz. A bass boost and remote gain are also included on applicable models. Don't settle for entry level products, outperform with Sedona!



- Brushed Aluminum Finish
- Class A/B Full Range Monoblock Available
- 12dB Variable High, Low, & Subsonic Crossovers
- 6dB & 12dB 50Hz Bass Boost
- 2 & 4 ch. Models Band-Pass Crossovers
- 180° Phase Control for 5 Ch. & Monoblocks
- High Level or 200mV-6V Low Level Input
- Direct 4 ga. Power & 8 ga. Speaker Terminals
- Dash Mount Remote Gain Control Included
- Red Top Panel Accent Lighting

Sedona Class A/B	S200.2	S420.2	S580.2	S320.4	S580.4	S760.4	S580.5	S270.1
Channels	2 ch.	2 ch.	2 ch.	4 ch.	4 ch.	4 ch.	5 ch.	1 ch.
RMS Power 4Ω	70 x 2	130 x 2	190 x 2	55 x 4	100 x 4	120 x 4	55 x 4, 160 x 1	170
RMS Power 2Ω	100 x 2	210 x 2	290 x 1	80 x 4	145 x 4	190 x 4	80 x 4, 260 x 1	270
RMS Power 4Ω Bridged	200 x 1	420 x 1	580 x 1	160 x 2	290 x 2	380 x 2	160 x 2, 260 x 1	-
Length (9.5"w x 2.375"h)	13"	19"	23"	17"	19.5"	23"	23"	13"

Sedona Class D	S550.1D	S850.1D	S1300.1D	S2000.1D
Channels	1 ch.	1 ch.	1 ch.	1 ch.
RMS Power 4Ω	240	350	520	750
RMS Power 2Ω	400	600	900	1,300
RMS Power 1Ω	550	850	1,300	2,000
Length (9.5"w x 2.375"h)	11.75"	13.5"	16"	19"



# SIGNAL PROCESSORS



**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



**INT-5B**  
**OEM Integration w/ Bass Processor**

- 5 Channel Hi-Level Input
- 4v-30v Input Sensitivity
- Variable 30-80Hz Bass EQ
- Variable 0-12dB Bass Boost
- Variable Boost Q
- Subwoofer Input Selector
- 15-50Hz Subsonic Filter



# CAPACITORS

**C.2F**  
**2 Farad Power Capacitor**

**C.3F**  
**3 Farad Power Capacitor**

- 12-16 DCV Operation
- Chrome Finish w/ Gloss Black Accents
- Red Digital Voltage Display
- Bolt Post for Any Gauge Ring Terminals

**C.6F**  
**6 Farad Hybrid Power Capacitor**

**C.10F**  
**10 Farad Hybrid Power Capacitor**

- 12-16 DCV Operation
- Chrome Finish w/ Gloss Black Accents
- Red Digital Voltage Display
- Bolt Post for Any Gauge Ring Terminals



# POWER CLASS

## SUBWOOFERS

Intriguing from the first look, the new PC subwoofers have even more to tell than what meets the naked eye... The wild looking dustcap is not just for visual pleasure, but also acts as a heatsink to extract heat from the coil gap. It is also embedded into recesses in the cone and stiffens the cone for durability and to eliminate cone flex which causes radiated noise. All in all, this subwoofer is a result of strong engineering and dedication to the competitor in all of us...

- Non Pressed Paper Pulp Cone
- Polyether Foam Surround
- 2.5" 4-layer Voice Coil on Anodized Aluminum Former
- Nickel Plated 8ga. Compression Wire Terminals
- Dual Poly-Cotton Suspension Spiders
- Die-Cast Aluminum Frame w/ Candy Apple Finish
- 170oz. Strontium Ferrite Magnet
- Vented T-Yoke Back-plate
- Cast Aluminum Heat-sink Dust-cap
- Re-cone Kit Available



Power Class	PC.12	PC.124	PC.15	PC.154
RMS Power (watts)	800	800	900	900
Efficiency (1w/1m dB)	85.4dB	84.6dB	87.3dB	86.6dB
Voice Coil Configuration	2.5" Dual 2Ω	2.5" Dual 4Ω	2.5" Dual 2Ω	2.5" Dual 4Ω
Mounting Depth	6.5"	6.5"	7.5"	7.5"
Optimum Sealed ft <sup>3</sup>	1.00	1.00	2.00	2.00
Optimum Ported ft <sup>3</sup>	2.25	2.25	4.00	4.00

# POWER CLASS

## SUBWOOFERS

The DS drivers are not your typical subwoofers. In fact, they are not subwoofers at all. They are Pro Audio woofers to compliment the Pro Audio speakers. These woofers feature dual suspension, high resonant frequencies and extremely high efficiencies!



- Pressed Paper Cone
- Phase Plug
- EVA Gasket
- 4 Layer Voice Coil
- Aluminum VC Former
- Dual Conex Spiders
- Reinforced Foam Surround
- Compression Terminals
- Aluminum Basket, Phase Plug, Pole Piece, & T-Yoke for Efficient Heatsink Cooling
- Re-cone Kits Available

Power Class DS	PC.15DS	PC.18DS
RMS Power (watts)	1,200	1,600
Efficiency (1w/1m dB)	94dB	93dB
Voice Coil Configuration	3" Dual 4Ω	4" Dual 4Ω
Mounting Depth	6.75"	9"
Optimum Sealed ft <sup>3</sup>	n/a	n/a
Optimum Ported ft <sup>3</sup>	4.00	5.00

Many of today's car audio products consist of a lot of custom tooled parts, all which cost extra money. The design goal for the SQ Series subs was to engineer phenomenal audiophile-grade subwoofers that do not cost a fortune. If you're looking for chrome or something really flashy, look somewhere else. If you're looking perfect subwoofer performance, look no further. SQ competitors do not need gobs of bass, so the 12" comes with dual 2-ohm VCs to wire a single sub to a Class A/B or Class D amplifier. The 8" comes with dual 4-ohm VCs to wire a pair to either class of amplifier.

### Art SQ Subwoofers

- Non-Pressed Paper Cone
- Injection-Molded Polypropylene/Mica Dust Cap
- Rubber Gasket
- 4 Layer Voice Coil
- Kapton VC Former
- Conex Spider
- Reinforced Foam Surround
- Vented Pole Piece
- Compression Terminals

Art Collection SQ	A.8SQ	A.12SQ
RMS Power (watts)	180	300
Efficiency (1w/1m dB)	83dB	86dB
Voice Coil Configuration	2" Dual 4	2.5" Dual 4Ω
Mounting Depth	4"	5.5"
Optimum Sealed ft <sup>3</sup>	0.60	1.50
Optimum Ported ft	0.75	2.50



Guaranteed to be the best selling series of subwoofers for Precision Power, Art subs are versatile and yield the smooth, yet powerful bass you would expect from Precision Power... 10", 12" and 15" available with dual 2-ohm voice coils.

### Art Collection Subwoofers

- Pressed Paper Cone
- Injection-Molded Conical Dust Cap
- ABS Gasket
- 4 Layer Voice Coil
- Stitched Tinsel Leads
- Aluminum VC Former
- Conex Composite Spider
- Butyl Rubber Surround
- Vented Pole Piece
- 8ga Direct Wire Terminals

Art Collection	A.10	A.12	A.15
RMS Power (watts)	400	500	600
Efficiency (1w/1m dB)	85dB	84dB	83dB
Voice Coil Configuration	2" Dual 2Ω	2.5" Dual 2Ω	2.5" Dual 2Ω
Mounting Depth	5.5"	6"	7.5"
Optimum Sealed ft <sup>3</sup>	0.75	1.50	3.00
Optimum Ported ft <sup>3</sup>	n/a	n/a	n/a



Quality comes in all levels. When you compare a Toyota Corolla, a Mercedes CLS550 or a Lamborghini Geneva, the features are extremely different, but all are quality vehicles. The Sedona subwoofers address the entry level price point but sacrifice no quality. Sedona subwoofers come in 12" and 15" with dual 4-ohm voice coils and work well in sealed, vented and bandpass enclosures...

- Injection-Molded Polypropylene/Mica Cone and Dust Cap
- ABS Gasket
- 4 Layer Voice Coil
- Stitched Tinsel Leads
- Kapton VC Former
- Conex Composite Spider
- Butyl Rubber Surround
- Vented Pole Piece



Sedona Subwoofers	S.12	S.15
RMS Power (watts)	250	300
Efficiency (1w/1m dB)	84dB	86dB
Voice Coil Configuration	2" Dual 4Ω	2" Dual 4Ω
Mounting Depth	5"	6.5"
Optimum Sealed ft³	1.50	3.00
Optimum Ported ft	2.50	4.00



B.12



- Polypropylene Injection Conical Cone
- NBR Rubber Surround
- Nickel Plated 8ga Compression Terminals
- Poly Cotton Spider
- Steel Basket
- Vented Back Plate



	C.12	B.12
RMS Power (watts)	200	300
Efficiency (1w/1m dB)	84dB	86dB
Voice Coil Configuration	2.25" Dual 4Ω	2.25" Dual 4Ω
Mounting Depth	5"	5"
Optimum Sealed ft³	1.00	1.00
Optimum Ported ft	2.00	2.00



C.12

The PC components come in 2-way and 3-way models with all individual drivers using rare-earth Neodymium motors for high BL, light weight and compact size. Traditionally only tweeters use Neo motors, but we used Neo on the 2.5" midrange and 6.5" midbass as well making the drivers very strong and compact. The 6.5" uses a Kevlar composite paper cone with laminated foam backing. Paper cones traditionally yield the most natural, uncolored sound reproduction possible. We embedded Kevlar fibers into the paper for rigidity which reduces cone flexing and radiated distortion. The 2.5" midrange uses an aluminum cone for lightweight and strength while the tweeter uses a 20mm inverted aluminum diaphragm. The shallow depth of the midrange allows it to mount with the tweeter on the dash, or in the A-pillar, for phenomenal staging, rather than being limited to using a 4" midrange with the tweeter and being forced, in most cases, to fabricate kickpanel pods.



Power Class Components	PC2.65C	PC3.65C
Impedance / Power Handling	3Ω 90 watts	3Ω 100 watts
Frequency Response	60-20kHz	60-20kHz
Efficiency	87dB	87dB
Woofers Mounting Depth	2.625"	2.625"
Midrange Mounting Depth	-	1.75"
Tweeter Mounting Depth	.625"	.625"

### 6.5" Midbass

- High Strength Neodymium Motor
- Kevlar Reinforced Paper Cone with Laminated Foam Backing
- Solid Phase Plug
- Low Resonance Polyphenylene Sulfide Basket
- Conex Spider with Stitched Tinsel Leads
- Butyl Rubber Surround
- CCAW 2" Voice Coil
- Glass Fiber VC Former

### 2.5" Midrange

- High Strength Neodymium Motor
- Aluminum Cone
- Aluminum Dust Cap
- Low Resonance Polyphenylene Sulfide Basket
- Conex Spider Inverted Butyl Rubber Surround
- CCAW 1" Voice Coil
- Aluminum VC Former with cooling vents

### 20mm Tweeter

- High Strength Neodymium Motor
- Inverted and Dimpled Aluminum Diaphragm
- CCAW 20mm Voice Coil
- Kapton VC Former

# ART COLLECTION

## COMPONENTS



- Convertible Component or Coaxial Design
- Optional Bi-Ampable Operation
- Pressed Paper Cone
- Butyl Rubber Surround
- CONEX Spider Suspension
- Aluminum Phase Plug
- 1" Silk Dome Tweeter
- Tweeter Flush Mount Kit Included
- Aluminum Phase Plug
- Compact 2-way Crossover Included

Art Components	A2.65C
Impedance / Power Handling	4Ω 130 watts
Frequency Response	70-20kHz
Efficiency	86dB
Woofer Mounting Depth	2.625"
Tweeter Mounting Depth	.75"

# SEDONA

## COMPONENTS

- Zolon Coated Low Resonance Basket
- Polypropylene Cone
- Butyl Rubber Surround
- 1" Aluminum Voice Coil
- Rubber Magnet Cover
- 20oz. Ferrite Magnet
- 1" Mylar Tweeter



Sedona Components	S2.65C
Impedance / Power Handling	4Ω 100watts
Frequency Response	70-20kHz
Efficiency	92dB
Woofer Mounting Depth	2.5"
Tweeter Mounting Depth	.75"

# POWER CLASS FULL RANGE SPEAKERS

- 4 ohm Impedance
- Bi-Ampable Operation
- 1" Kapton Coil Former
- Low Resonance Composite Basket
- 1" Swivel Silk Dome Tweeter
- Butyl Rubber Surround
- CONEX Spider Suspension
- Passive Crossovers Included



PC.652



PC.692



Passive Crossovers Included

Power Class Full Range	PC.692	PC.652	PC.52	PC.572
Woofer Size	6x9"	6.5"	5.25"	5X7"
RMS Power Handling	150	120	100	120
Frequency Response	45Hz-20kHz	65Hz-20kHz	70Hz-20kHz	55Hz-20kHz
Efficiency (1w/1m)	93dB	91dB	90dB	92dB
Top Mount Depth	4.25"	3.75"	3"	3.5"





Sedona Full Range	S.693	S.653	S.52	S.42	S.573
Woofer size	6"x9"	6.5"	5.25"	4"	5"x7"
RMS Power Handling	80	60	50	40	60
Frequency Response	50Hz-20kHz	80Hz-20kHz	90Hz-20kHz	100Hz-20kHz	75Hz-20kHz
Efficiency	90dB	89dB	87dB	85dB	89dB
Top Mount Depth	4.25"	3.125"	3.125"	2.875"	2.625"

- 3 ohm Impedance
- Polypropylene Cone
- Butyl Rubber Surround
- 1" Aluminum Coil Former
- Mylar Midrange & Tweeter
- Steel Basket

	B.694	B.653
Woofer size	6"x9"	6.5"
MAX Power Handling	120	70
Frequency Response	60Hz-20kHz	70Hz-20kHz
Efficiency	92dB	92dB
Top Mount Depth	4.25"	3"

- 4 ohm Impedance
- Polypropylene Cone
- NBR Rubber Surround
- Nomex Spider Suspension
- 1" Aluminum Coil Former
- Mylar Midrange & Tweeter
- Steel Basket





T.2  
(pair)



PT.2  
(pair)



PT.4  
(pair)



PT.5



PM.654  
PM.658



PM.654NX

Pro Audio	T.2	PT.2	PT.4	PT.5	PM.654	PM.658	PM.654NX
Size & Type	1" Tweeter	Bullet Tweeter	Bullet Tweeter	Horn Tweeter	6.5"	6.5"	6.5"
Power Handling (peak)	100	90	100	100	170	170	250
Impedance	4 ohm	3 ohm	4 ohm	4 ohm	4 ohm	4 ohm	4 ohm
Frequency Response	2-21kHz	3kHz-20kHz	3kHz-20kHz	4kHz-20kHz	150-10kHz	150-10kHz	180-10kHz
Efficiency	94dB	109dB	109dB	107dB	96dB	96dB	97dB
Mounting Depth	.75"	1.125"	1.5"-2"	2.5"	2.75"	2.75"	2.75"

# PRO AUDIO FULL RANGE SPEAKERS



**PM.65NEO**



**PM.8**  
(shallow)



**PM.804NX**



**PM.804**  
**PM.808**



**PM.104**



**PM.10**  
(shallow)

Pro Audio	PM.65NEO	PM.804	PM.808	PM.8	PM.804NX	PM.104	PM.10
Size & Type	6.5"	8"	8"	8"	8"	10"	10"
Power Handling (peak)	120	200	200	200	350	350	350
Impedance	3 ohm	4 ohm	8 ohm	3 ohm	4 ohm	4 ohm	3 ohm
Frequency Response	130-10kHz	120-8kHz	120-8kHz	150-7kHz	135-8kHz	100-5kHz	45-4.8kHz
Efficiency	96dB	97dB	97dB	98dB	98dB	98dB	96dB
Mounting Depth	2.50"	3.25"	3.25"	2.625"	3.25"	4.25"	3.25"

# INGENIX SOURCE UNITS

Precision Power **INGENIX** powered source units use a proprietary engine featuring 800 MHz CPU processor & WIN CE 6.0 operating system. Commonly found in compact netbooks. Such lightning fast function processing has not been possible in an aftermarket automotive multimedia system, until now. **INGENIX** programming brings unique feature applications to your fingertips.



## Go ahead, take a second look....

The primary menu of the **INGENIX** source units has an appeal that you might expect only from a computer. The LED back light Full HD quality 800x480 screen resolution yields a crisp image. Drag any mode application icon from the slide menu at the right side of the screen and drop it onto the desktop as a shortcut. Utilize the drop down widget menu for quick settings access. The main menu background and brightness settings can be set to change automatically at night. There's even a scrolling marquee banner displaying your short message.



## Picture-in-Picture

**INGENIX** is the first to bring the Picture-in-Picture function into the car. PIP allows uninterrupted video playback while simultaneously viewing the GPS navigation map in real time, as it happens. The picture can be re-sized and positioned to 3 different ratios.



## Complete iPod Integration

(requires IP-5C cable)

Scroll through your iPhone, iPod Touch, Classic, or Nano to find your favorite tracks. Search options include by Album, Artist, Genre, Playlist, or entire track list. Jump through lists by first alpha character scrolling.



## Built-in GPS Navigation

All Ingenix powered source units come standard with GPS turn-by-turn navigation for USA & Canada (other countries available). Set your destination and enjoy text-to-speech directions with lane guidance. Additional features include favorites list, programmable home destination, destination fuel estimates, multi-lingual, multi-gender voices, speed limit warnings, and more. Maps and POI data by TomTom.



## Bluetooth V2.1 + EDR Connectivity

Bluetooth V2.1 with Enhanced Data Rate increases data transfer rates to 2.1 Mbit/s. This lightning quick information transfer increases clarity & virtually eliminates unwanted distortion during calls and wireless MP3 audio playback. Most Bluetooth enabled Smartphones will transfer phone book contacts, view recent call logs, and stream MP3 audio tracks.

## ADDITIONAL FEATURES

- Dual Zone for Rear Seat or Overhead Entertainment
- Adjustable Video Output Screen Ratio & Image Positioning
- Utility Application w/ Memo Pad, Calculator, Calendar,
- Car Maintenance, Texas Hold'em Poker, & World Clock
- 4V Front, Rear & Subwoofer Pre-amp Output
- Front Panel 3.5mm AUX A/V Input
- A/V Input from Auxiliary Source
- Rear View Camera RCA Input w/ Trigger



## Digital Signal Processing

DSP features include a digital 7-band equalizer w/ 9 factory presets & 2 custom presets, real time analyzer, individual source level adjustment, variable subwoofer level control w/ low pass crossover, and sound staging controls.



## 32GB SDHC & USB 2.0 Reader

Playback MP3, WAV, FLAC, & AC3 audio files, or MP4, WMV, DivX, & XviD video files from up to a 16GB SDHC card or USB 2.0 mass storage device. Artwork transfers from enabled device, if available. **INGENIX** units will read files from a USB powered portable hard drive, up to 250GB capacity.



## Streaming Bluetooth Music (A2DP)

Pair your Bluetooth enabled cell phone, Smart-phone, iPhone, or iPod Touch for wireless MP3 playback. Use the touch screen controls for basic operations.



## Multimedia File Manager

Sort, view, play, move, or delete your multimedia & data files. No longer will you need a computer on the go to manage your USB/SD/HDD Mass Storage devices.



## Speedometer & Compass

Are larger wheels and tires throwing off your speedometer? Can't figure which direction you're driving? Utilize the GPS based real-time speedometer and directional compass to help out. Even set them as the screen saver for constant viewing.

- Accepts Axxess OEM Steering Wheel Interface
- JPG, BMP, & GIF Photo Browser
- Upload Custom Screen Savers
- Remote Control Sold Separately
- Digital & Analog TV Tuners Available
- NTSC/PAL Video Playback
- 50W x 4 MOSFET Speaker Outputs
- 400NIT Panel Brightness

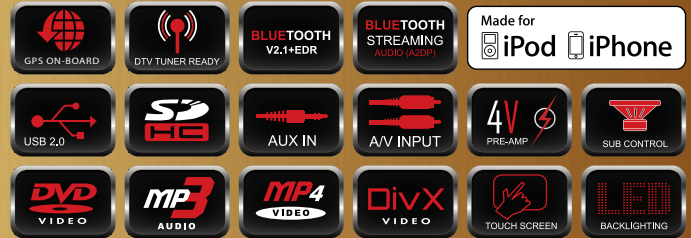
# INGENIX SOURCE UNITS

## P-771NX

Double Din INGENIX AVN Source Unit w/ Digital 7" LCD Touch Screen



**TOMTOM**



- Motorized Faceplate w/ Preset Angle Adjustment
- Front Panel USB 2.0 & SDHC Readers
- Front Panel 3.5mm AUX A/V Input
- Soft Touch Sensor Buttons
- Electroplated Copper Chassis
- Gloss Black Finish

## P-751NX

Single Din INGENIX AVN Source Unit w/ Flip-up Digital 7" LCD Touch Screen



**TOMTOM**



- Motorized Forward/Backward Telescoping & Angle Adjustment
- Digital Clock or Radio Frequency Readout
- Front Panel USB 2.0 & SDHC Readers
- Front Panel 3.5mm AUX A/V Input
- Soft Touch Sensor Buttons
- Electroplated Copper Chassis
- Gloss Black Finish



## P-731NX

Single Din INGENIX AVN Source Unit w/ Detachable Digital 7" LCD Touch Screen



**TOMTOM**



- Motorized Faceplate w/ Preset Angle Adjustment
- Detachable Theft Deterrent Faceplate
- Front Panel USB 2.0 & SDHC Reader
- Front Panel 3.5mm AUX A/V Input
- Soft Touch Sensor Buttons
- Electroplated Copper Chassis
- Gloss Black Finish

## TV Tuners

Analog or Digital TV Tuners for Precision Power INGENIX Source Units

### Models Available:

- TV-ATSC-MH (Digital MH)
- TV-DVB-T
- TV-DVB-H
- TV-ISDB-T
- TV-T-DMB
- TV-CMMB
- TV-AN (analog multi system)



## REM-5

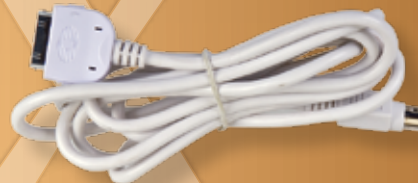
Accessory Remote Control for Precision Power INGENIX Source Units



## IP-5C

Full Control iPod Cable for INGENIX Powered Source Units

- Full Control of iPod Classic, iPhone, Nano, & iTouch
- Charging of all Compatible iPod Models
- Scroll by Artists, Albums, Genres, or Playlists
- Video Playback from Classic & iTouch



Made for iPod iPhone

[www.PrecisionPower.com](http://www.PrecisionPower.com)



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