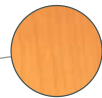




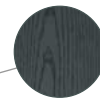
(Top left to right): PDR-8, PDR-10, PDR-12.
Finishes: Light Cherry, Rosenut, Black Ash.
PDR-8 and PDR-10 also available in Slate Gray.



Light Cherry



Rosenut



Black Ash



Slate Gray

PDR SERIES SUBWOOFERS

STAND-UP BASS

PDR Series powered subwoofers offer superb definition and deep bass impact for both music and home theater. These advanced designs use built-in patented amplifiers with high-current output, along with high-power drivers to deliver stunning bass performance and provide completely unprecedented value!

RAVE REVIEWS!

*Some highlights are from previous PDR Series speakers.
All models have been further improved for even better sound.*

"The PDR-10 sub had no trouble keeping up with anything I threw at it, nicely combining speed and punch in a fairly small package ... an excellent unit for the price."

— Mike McGann, E-GEAR on the PDR-10



Patented Advanced Built-In High-Power Discrete Amplifiers provide tremendous high-current, low-distortion power:

PDR-8: 100 watts RMS/300 watts Peak
 PDR-10: 120 watts RMS/360 watts Peak
 PDR-12: 150 watts RMS/450 watts Peak



Advanced Carbon-Fiber-Reinforced Composite Cones provide articulate and extended bass performance with tremendous output and superb control.



High-Velocity Low-Noise Ports with critically flared openings ensure maximum bass efficiency and minimum turbulence distortion.



High-Density Hardboard Enclosures control unwanted panel resonances, resulting in clean, tight, and refined bass performance.



PDR-8 in Slate Gray

CONTROL FACILITIES:

- Auto-On/Standby (except PDR-8)
- Subwoofer Level
- Subwoofer Cut-Off Frequency (continuously variable 50 Hz – 150 Hz)

INPUT FACILITIES:

- Line-Level Input
- Speaker-Level Input

"The Paradigm sub went the lowest, producing more of the organ's pedal-C on the opening of Strauss's Zarathustra ... excellent bass extension ..."

– Daniel Kumin, Sound & Vision on the PDR-10

"... [the] PDR-12 shook the room with an utter authority and control I just don't expect to hear from speakers this affordably priced, while never losing the high-end clarity and refinement I've come to expect from speakers bearing the Paradigm badge."

– Corey Greenberg, Stereo Review on the PDR-12

"... awesome sound ... tight ... well-defined ... plenty of output ... great extension and control ... look and feel is well above that of other inexpensive subwoofers that I've seen ... The PDR-12 struck a wonderful balance between musicality and muscle, something not often attributed to such an inexpensive subwoofer." – Joe Hageman, etown on the PDR-12

AMS SERIES

	AMS-100R	AMS-150R	AMS-250	AMS-300	AMS-350
Design	2-driver, 2-way in-ceiling / in-wall, GRIP™ chassis / mounting bracket, coaxially mounted high-frequency driver	2-driver, 2-way in-ceiling / in-wall, GRIP™ chassis / mounting bracket, coaxially mounted high-frequency driver	2-driver, 2-way in-wall / in-ceiling die-cast chassis / mounting bracket	2-driver, 2-way in-wall / in-ceiling die-cast chassis / mounting bracket	3-driver, 2-way in-wall / in-ceiling die-cast chassis / mounting bracket
Crossover	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 2.5 kHz	2nd-order electro-acoustic at 1.7 kHz	2nd-order electro-acoustic at 1.5 kHz	2nd-order electro-acoustic at 1.8 kHz
High-Frequency Driver	25-mm (1 in) PTD™ dome with die-cast heatsink	25-mm (1 in) PTD™ dome with die-cast heatsink	25-mm (1 in) PTD™ dome with die-cast heatsink face plate	25-mm (1 in) PTD™ dome with die-cast heatsink face plate	25-mm (1 in) PTD™ dome with die-cast heatsink face plate
Bass / Midrange Driver(s)	165-mm (6-1/2 in) mineral-filled polypropylene cone, GRIP™ chassis	210-mm (8 in) mineral-filled polypropylene cone, GRIP™ chassis	165-mm (6-1/2 in) mineral-filled polypropylene cone, die-cast chassis	210-mm (8 in) mineral-filled polypropylene cone, die-cast chassis	Two 210-mm (8 in) mineral-filled polypropylene cones, die-cast chassis
Low-Frequency Extension*	55 Hz (DIN)	45 Hz (DIN)	50 Hz (DIN)	40 Hz (DIN)	35 Hz (DIN)
Frequency Response: <i>On-Axis</i> <i>30° Off-Axis</i>	±2 dB from 75 Hz – 20 kHz ±2 dB from 75 Hz – 18 kHz	±2 dB from 60 Hz – 20 kHz ±2 dB from 60 Hz – 18 kHz	±2 dB from 65 Hz – 20 kHz ±2 dB from 65 Hz – 18 kHz	±2 dB from 60 Hz – 20 kHz ±2 dB from 60 Hz – 18 kHz	±2 dB from 55 Hz – 20 kHz ±2 dB from 55 Hz – 18 kHz
Sensitivity – Room / Anechoic	89 dB / 85 dB	90 dB / 86 dB	90 dB / 86 dB	90 dB / 86 dB	93 dB / 89 dB
Suitable Amplifier Power Range	15 – 100 watts	15 – 110 watts	15 – 120 watts	15 – 150 watts	15 – 200 watts
Maximum Input Power†	70 watts	80 watts	90 watts	100 watts	150 watts
Impedance	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms	Compatible with 8 ohms
Height x Width or Diameter	19.6 cm (diameter) 7-3/4 in	22.6 cm (diameter) 8-15/16 in	28.5 cm x 19.4 cm (h x w) 11-1/8 in x 7-11/16 in	31.4 cm x 22.7 cm (h x w) 12-3/8 in x 8-15/16 in	51 cm x 23.1 cm (h x w) 20-1/16 in x 9-1/16 in
Minimum Mounting Depth**	7.6 cm / 3 in	8.3 cm / 3-1/4 in	6.7 cm / 2-5/8 in	6.7 cm / 2-5/8 in	7.6 cm / 3 in
Cutout Dimensions Height x Width or Diameter	17.2 cm (diameter) 6-3/4 in	20 cm (diameter) 7-7/8 in	24.2 x 15.5 cm (h x w) 9-9/16 in x 6-1/16 in	27.3 x 18.4 cm (h x w) 10-3/4 x 7-1/4 in	48.6 x 20.7 cm (h x w) 19-1/8 x 8-1/8 in
Minimum Internal Volume Required	12 L / 0.42 cu ft	20 L / 0.70 cu ft	12 L / 0.42 cu ft	20 L / 0.70 cu ft	40 L / 1.40 cu ft
Weight	3.6 kg / 8 lb per pair	3.8 kg / 8.5 lb per pair	5.9 kg / 13 lb per pair	6.4 kg / 14 lb per pair	9.1 kg / 20 lb per pair

* DIN 45 500. Indicates -3 dB in a typical listening room. † With typical program source, provided the amplifier clips no more than 10% of the time. ** Depth required is the distance between 1/2" drywall, or similar material.

PDR SERIES

	PDR-8	PDR-10	PDR-12
Design	Single driver, bass reflex, high-velocity low-turbulence resistive port, built-in amplifier	Single driver, bass reflex, high-velocity low-turbulence resistive port, built-in amplifier	Single driver, bass reflex, high-velocity low-turbulence resistive port, built-in amplifier
Amplifier: High-Current, Discrete Output	100 watts RMS / 300 watts Peak	120 watts RMS / 360 watts Peak	150 watts RMS / 450 watts Peak
Amplifier Design Features	Soft clipping	Auto-On / Standby, soft clipping	Auto-On / Standby, soft clipping
Bass Driver	210-mm (8") carbon-fiber-reinforced composite cone, 38-mm (1-1/2") voice coil	254-mm (10") carbon-fiber-reinforced composite cone, 38-mm (1-1/2") voice coil	305-mm (12") carbon-fiber-reinforced composite cone, 51-mm (2") voice coil
Low-Frequency Extension*	29 Hz (DIN)	27 Hz (DIN)	24 Hz (DIN)
Subwoofer Cut-Off Frequency	Variable 50 Hz – 150 Hz	Variable 50 Hz – 150 Hz	Variable 50 Hz – 150 Hz
Line-Level Input	From Sub-Out / LFE-Out of receiver / processor or other line-level source	From Sub-Out / LFE-Out of receiver / processor or other line-level source	From Sub-Out / LFE-Out of receiver / processor or other line-level source
Line-Level Input Sensitivity	100 mV	100 mV	100 mV
Line-Level Input Impedance	15k ohms	15k ohms	15k ohms
Speaker-Level Input	From speaker terminals of receiver, amplifier or main / satellite speakers	From speaker terminals of receiver, amplifier or main / satellite speakers	From speaker terminals of receiver, amplifier or main / satellite speakers
Speaker-Level Input Sensitivity	1.2 V stereo	1.2 V stereo	1.2 V stereo
Internal Volume	20.5 L / 0.72 cu ft	33.2 L / 1.2 cu ft	49.7 L / 1.7 cu ft
Height, Width, Depth†	36.1 cm x 24.9 cm x 35.1 cm 14-1/4 x 9-3/4 in x 13-3/4 in	40.1 cm x 30 cm x 39.4 cm 16 in x 11-3/4 in x 15-1/2 in	45.7 cm x 35.1 cm x 44 cm 18 in x 13-3/4 in x 17-1/4 in
Weight	9.5 kg / 21 lb	12.5 kg / 28 lb	16.5 kg / 37 lb

* DIN 45 500. Indicates -3 dB in a typical listening room. Listed heights include feet.