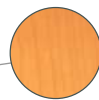
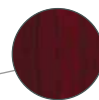




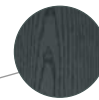
(Left to right): PW-2200, PW-2100



Light Cherry



Rosenut



Black Ash

PW SERIES SUBWOOFERS

BASSO PROFUNDO

PW Series subwoofers deliver astounding bass with staggering definition and dynamic impact. Superior high-power drivers together with the brute power of our patented 400-watt RMS Ultra-Class-D™ discrete amplifiers ensure dramatically superior flat power response and ultra-low distortion. These subwoofers are pure magic—their visceral power, astonishing detail and incredible output put them in a league with far more expensive subwoofers.

RAVE REVIEWS!

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

"An incredible value ... Right from day one I could feel this gem reaching down several Hz lower than my benchmark affordable sub, and it does so with a driver 3" smaller ... And loud? Boy can it! ... Hard pressed will you be to find better subwoofer performance at this price ..."

— Brian Florian, Secrets of Home Theater and High Fidelity on the PW-2200



Highly Advanced Powerful Ultra-Class-D™ Discrete Design Amplifiers deliver massive amounts of high-current power with exceptionally low distortion: 400 watts RMS/1500 watts Peak.



Superior Mineral-Filled Co-Polymer Polypropylene Cones with RCR™ resonance-control stiffening ribs combine excellent internal damping, high stiffness and low mass for tremendous freedom from unwanted resonances and distortion.



Massive Magnet Structures and Advanced Suspensions aid in greater cone excursion while maintaining extremely tight control over cone movement.



Massive Heatsinks and Proprietary AVS™ Airflow Ventilation System Cooling increase power handling and dramatically reduce distortion.



Acoustically Inert Hardboard and Strategically Located Radial Braces limit resonances and increase enclosure stiffness.



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

CONTROL FACILITIES:

- Auto-On/Off
- Subwoofer Level
- Subwoofer Cut-Off Frequency (continuously variable 50 Hz – 150 Hz)
- Sub/Sat. Phase Alignment (continuously variable 0° – 180°)

INPUT/OUTPUT FACILITIES:

- Line-Level Input
- Line-Level High-Pass Output

"... deep and powerful ... I actually had the PW-2200 pegged for a much more expensive subwoofer – based on sound quality and quantity ... I was surprised – and filled with admiration ... it's one heck of a performer."

– John Potis, Home Theater & Sound on the PW-2200

"... this subwoofer is worth writing about ... capable of providing prodigious amounts of what subwoofers are supposed to do; well-articulated bass down to floor shaking frequencies."

– Ron Goldberg, Custom Retailer on the PW-2200

"... amazing output levels from a single 12-inch driver ... effortless ... never a sign of audible distress ... remarkable ... a real bargain ... highly recommended."

– Richard Hardesty, Widescreen Review on the PW-2200

PS SERIES

| | PS-1000 | PS-1200 |
|--|--|--|
| Design | Single driver, DCBS™ system, high-velocity resistive ports, built-in amplifier | Single driver, DCBS™ system, high-velocity resistive ports, built-in amplifier |
| Amplifier: High-Current, Discrete Output | 200 watts RMS† (20 – 150 Hz @ < 0.9% THD), 750 watts Peak†† | 200 watts RMS† (20 – 150 Hz @ < 0.9% THD), 750 watts Peak†† |
| Amplifier Design Features | Auto-On / Off, soft clipping, thermal protection | Auto-On / Off, soft clipping, thermal protection |
| Bass Driver | 254-mm (10 in) polypropylene cone, 38-mm (1-1/2 in) voice coil, AVS™ die-cast heatsink chassis | 305-mm (12 in) polypropylene cone, 51-mm (2 in) voice coil, AVS™ die-cast heatsink chassis |
| Low-Frequency Extension* | 22 Hz (DIN) | 21 Hz (DIN) |
| Subwoofer Cut-Off Frequency | Variable 50 Hz – 150 Hz | Variable 50 Hz – 150 Hz |
| Sub. / Sat. Phase Alignment | Variable 0° – 180° | Variable 0° – 180° |
| 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 |
| Line-Level Input Sensitivity | 200 mV mono | 200 mV mono |
| Line-Level Input Impedance | 50k ohms | 50k ohms |
| Speaker-Level Input | From left / right speaker terminals of receiver, amplifier or main / satellite speakers | From left / right speaker terminals of receiver, amplifier or main / satellite speakers |
| Speaker-Level Input Sensitivity | 1.5 V stereo | 1.5 V stereo |
| Internal Volume | 56 L / 1.98 cu ft | 76 L / 2.68 cu ft |
| Height, Width, Depth | 42.5 cm x 38.7 cm x 52 cm 16-3/4 in x 15-1/4 in x 20-1/2 in | 46.1 cm x 41.6 cm x 57.8 cm 18-1/8 in x 16-3/8 in x 22-3/4 in |
| Weight | 25.5 kg / 56 lb each | 28.8 kg / 64 lb each |

PW SERIES

| | PW-2100 | PW-2200 |
|--|---|---|
| Design | Single driver, bass reflex, high-velocity low-turbulence resistive port, built-in Ultra-Class-D™ amplifier | Single driver, bass reflex, high-velocity low-turbulence resistive port, built-in Ultra-Class-D™ amplifier |
| Amplifier: High-Current, Discrete Output | 400 watts RMS† (20 – 150 Hz @ < 0.1% THD), 1500 watts Peak†† | 400 watts RMS† (20 – 150 Hz @ < 0.1% THD), 1500 watts Peak†† |
| Amplifier Design Features | Auto-On/Off, soft clipping | Auto-On/Off, soft clipping |
| Bass Driver | 254-mm (10") RCR™ mineral-filled co-polymer polypropylene cone, 38-mm (1-1/2") 4-layer voice coil, dual spiders, AVS™ die-cast heatsink chassis | 305-mm (12") RCR™ mineral-filled co-polymer polypropylene cone, 51-mm (2") bifilar 2+2-layer voice coil, dual spiders, AVS™ die-cast heatsink chassis |
| Low-Frequency Extension* | 23 Hz (DIN) | 18 Hz (DIN) |
| Subwoofer Cut-Off Frequency | Variable 50 Hz – 150 Hz | Variable 50 Hz – 150 Hz |
| Sub. / Sat. Phase Alignment | Variable 0° – 180° | Variable 0° – 180° |
| 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 |
| Line-Level Input Sensitivity | 100 mV stereo; 200 mV mono | 100 mV stereo; 200 mV mono |
| Line-Level Input Impedance | 15k ohms | 15k ohms |
| Line-Level High-Pass Output | To left / right amplifier input or left / right Main-In of receiver | To left / right amplifier input or left / right Main-In of receiver |
| Line-Level High-Pass Output Roll-Off | 3rd-order 18 dB/octave at 80 Hz | 3rd-order 18 dB/octave at 80 Hz |
| Internal Volume | 42.8 L / 1.51 cu ft | 79.5 L / 2.81 cu ft |
| Height, Width, Depth | 38.1 cm x 34.9 cm x 51 cm 15 in x 13-3/4 in x 20-1/16 in | 49.5 cm x 41.9 cm x 57.8 cm 19-1/2 in x 16-1/2 in x 22-3/4 in |
| Weight | 19 kg / 42 lb each | 31.4 kg / 69 lb each |

† RMS power output indicated is with amplifier operation complying to FTC subwoofer amplifier measurement standards. †† Peak power indicated is the large short term output available to meet the instantaneous dynamic requirements of digital music and movies.
* DIN 45 500. Indicates -3 dB in a typical listening room. Listed heights include feet.

X-SERIES CONTROL UNITS

| | X-10 | X-20 | X-30 |
|---|--|--|---|
| Design | Built-in speaker-level high-pass filter | Built-in speaker-level high-pass filter | Built-in line-level high-pass filter |
| Subwoofer Cut-Off Frequency | — | Variable 35 Hz – 150 Hz, 3rd-order 18 dB / octave | Variable 35 Hz – 150 Hz, 3rd-order 18 dB / octave |
| Sub. / Sat. Phase Alignment | — | Variable 0° – 180° | Variable 0° – 180° |
| Line-Level Input | — | From Sub-Out / LFE-Out of A/V receiver / processor (Impedance: 20k ohms) | From left / right Pre-Out of A/V receiver, preamplifier or processor; or from Sub-Out / LFE-Out of A/V receiver / processor (Impedance: 20k ohms) |
| Line-Level High-Pass Output | — | — | To Main-In of A/V receiver / amplifier, selectable (50 Hz, 80 Hz, 120 Hz), 3rd-order 18 dB / octave |
| Speaker-Level Input | From main / satellite speaker output of A/V receiver / amplifier | From main / satellite speaker output of A/V receiver / amplifier | — |
| Speaker-Level High-Pass Output | To main / satellite speakers, 1st-order 6 dB / octave | To main / satellite speakers, 1st-order 6 dB / octave | — |
| Subwoofer Output | To line-level input of powered subwoofer (two outputs provided) | To line-level input of powered subwoofer (two outputs provided) | To line-level input of powered subwoofer (two outputs provided) |
| Speaker-Level Input / Line-Level Subwoofer Output | 1-V stereo = 100 mV | 1-V stereo = 1 V | — |
| S/N Ratio | Better than 100 dB | Better than 100 dB | Better than 100 dB |
| Height, Width, Depth | 5 cm x 10 cm x 10 cm 1-7/8 in x 4 in x 4 in | 5 cm x 19 cm x 10 cm 1-7/8 in x 7-1/4 in x 4 in | 5 cm x 19 cm x 13 cm 1-7/8 in x 7-1/4 in x 5 in |
| Weight | 0.7 kg / 1.5 lb each | 1.1 kg / 2.5 lb each | 1.2 kg / 2.5 lb each |