



Shown: DSP-3400

Discreet installation: DSP-3400 inside a cabinet

## DSP Series

*"IMPRESSIVE ... can handle the most dynamic low-frequency sound passages ... a great value for the higher-end user looking for a subwoofer that can really pump out clear and tight deep bass in any size room without spending a fortune."*

– Robert Silva, about.com



**Advanced High-Power Class-D™ Amplifiers** deliver massive amounts of high-current power with minimal distortion.

**DSP-3100:** 600 watts Dynamic Peak/200 watts RMS.

**DSP-3200:** 900 watts Dynamic Peak/300 watts RMS.

**DSP-3400:** 900 watts Dynamic Peak/300 watts RMS.



**Forward-Firing Drivers with Advanced CAP™ Carbon/Aramid-Fiber Polypropylene Cones.** Advanced cone material combines exceptional stiffness/low mass with excellent internal damping for tremendous freedom from unwanted resonances.

**Advanced Suspension Design and Large Magnet Structures** encourage extended cone excursion while maintaining superb control over cone movement.



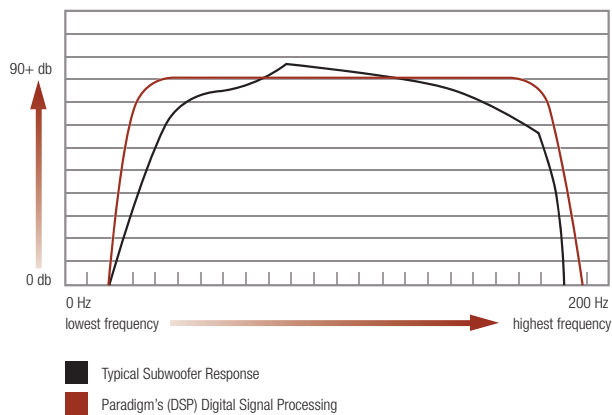
**High-Efficiency Dual-Ported Design.** High-velocity low-noise ports with critically flared openings serve to reduce turbulence distortion. Front-ported design accommodates installation flexibility.

**Removable Grilles with SVS™ Slot Ventilation System** allow release of the enormous air pressure generated by these high-output designs.



Acoustically Inert MDF Enclosures serve to limit unwanted panel resonances and vibrations, ensuring clean, clear and very articulate bass performance.

Paradigm's Proprietary Digital Signal Processing (DSP) Design boasts sophisticated algorithms which "shape" frequency response, ensuring accurate, consistent and musical bass performance without audible distortion, even when the subwoofers are playing at the loudest levels (see graph below).



## Big Bass for a Small Space

High-power DSP Series subwoofers are the result of Paradigm's multi-year R&D effort to achieve exceptional high performance while accommodating the growing desire for installation flexibility. Not everyone wants a high-performance subwoofer on full display, so models are front-firing and front-ported with removable grilles, making them ideal for "hidden" installations. For those who want it all ... exceptional high performance (including the sonic benefits of digital signal processing!), a smaller footprint, flexible placement options and killer price points, DSP subwoofers fit the bill.

## Control Facilities:

- Auto On/Off
- Subwoofer Level
- Subwoofer Cut-Off Frequency (continuously variable 35 Hz – 150 Hz); Bypass Option
- Sub/Sat Phase Alignment (0° or 180°)
- USB Port/PBK Interface

## Input Facilities:

- Line-level Inputs



**PBK**<sup>™</sup>  
R E A D Y

Optional Paradigm Perfect Bass Kit<sup>™</sup> digital room correction system.  
Full details on page 26.

| DSP Series                                                                       | DSP-3100                                                                                                                  | DSP-3200                                                                                                                 | DSP-3400                                                                                                                        |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Design                                                                           | Single driver, bass reflex, dual high-velocity low-turbulence resistive ports, built-in amplifier, USB Port/PBK Interface | Single driver, bass reflex, dual high-velocity low-turbulence resistive ports, built-in amplifier USB Port/PBK Interface | Single driver, bass reflex, dual high-velocity low-turbulence resistive ports, built-in amplifier USB Port/PBK Interface        |
| Amplifier: High-Current, Discrete Output                                         | 600 watts Dynamic Peak/<br>200 watts RMS Sustained                                                                        | 900 watts Dynamic Peak/<br>300 watts RMS Sustained                                                                       | 900 watts Dynamic Peak/<br>300 watts RMS Sustained                                                                              |
| Amplifier Design Features                                                        | Auto-On/Off, soft clipping                                                                                                | Auto-On/Off, soft clipping                                                                                               | Auto-On/Off, soft clipping                                                                                                      |
| Bass Driver                                                                      | 255-mm (10 in) CAP™ cone, ceramic/ferrite magnet, 50-mm (2 in) 4-layer voice-coil, AVS™ die-cast heatsink chassis         | 305-mm (12 in) CAP™ cone, ceramic/ferrite magnet, 50-mm (2 in) 4-layer voice-coil, AVS™ die-cast heatsink chassis        | 355-mm (14 in) CAP™ cone, ceramic/ferrite magnet, 50-mm (2 in) 4-layer voice-coil, dual spiders, AVS™ die-cast heatsink chassis |
| Low-Frequency Extension*                                                         | 24 Hz (DIN)                                                                                                               | 22 Hz (DIN)                                                                                                              | 19 Hz (DIN)                                                                                                                     |
| Subwoofer Cut-Off Frequency                                                      | Variable 35 Hz – 150 Hz; Bypass option                                                                                    | Variable 35 Hz – 150 Hz; Bypass option                                                                                   | Variable 35 Hz – 150 Hz; Bypass option                                                                                          |
| Sub/Sat Phase Alignment                                                          | Variable 0° – 180°                                                                                                        | Variable 0° – 180°                                                                                                       | Variable 0° – 180°                                                                                                              |
| Line-Level Inputs                                                                | RCA. (L/R-Mono) for L/R line out or Sub-Out/LFE-Out of receiver/processor or other line-level source                      | RCA. (L/R-Mono) for L/R line out or Sub-Out/LFE-Out of receiver/processor or other line-level source                     | RCA. (L/R-Mono) for L/R line out or Sub-Out/LFE-Out of receiver/processor or other line-level source                            |
| Height, Width, Depth (height includes feet; depth includes grille and amplifier) | 41.3 cm x 31.1 cm x 42.5 cm<br>16-1/4 in x 12-1/4 in x 16-3/4 in                                                          | 46.4 cm x 35.6 cm x 49.5 cm<br>18-1/4 in x 14 in x 19-1/2 in                                                             | 56.5 cm x 40.0 cm x 53.2 cm<br>22-1/4 in x 15-3/4 in x 21 in                                                                    |
| Weight (unpacked)                                                                | 18.2 kg/40 lb each                                                                                                        | 24.5 kg/54 lb each                                                                                                       | 29.5 kg/64.8 lb each                                                                                                            |
| Finish                                                                           | Black Ash                                                                                                                 | Black Ash                                                                                                                | Black Ash                                                                                                                       |