

## Bass Guitar Speakers

### PULSE12

12-inch steel-chassis bass guitar speaker



For bass players demanding well-defined clarity and stunning articulation together with a rich full tone PULSE12 bass speakers deliver an ideal combination of responsiveness and rock solid low end. The Kevlar-loaded cone pulses with up to 200 watts of raw bass power. Expect each note from these 12 inch bass guitar speakers to deliver a thick percussive attack along with the mid-range necessary to break through in any performance situation.

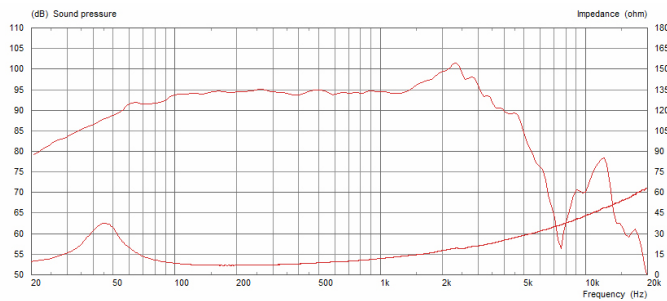
### General Specifications

|                         |                     |
|-------------------------|---------------------|
| Nominal Diameter        | 305mm / 12in        |
| Power Rating            | 200W                |
| Rated impedance         | 8 $\Omega$          |
| Sensitivity             | 94dB                |
| Magnet type             | Ferrite             |
| Voice coil diameter     | 50.8mm / 2in        |
| Voice coil material     | Copper              |
| Former material         | Polyimide           |
| Cone material           | Kevlar loaded paper |
| Surround material       | Cloth-sealed        |
| Frequency range         | 45-3500Hz           |
| Gap height (Hg)         | 8mm / 0.31in        |
| VC winding height (Hvc) | 16mm / 0.62in       |

### Mounting Information

|                            |                |
|----------------------------|----------------|
| Cut-out diameter           | 283mm / 11.1in |
| Diameter                   | 309mm / 12.2in |
| Mounting hole dimensions   | 7.9mm / 0.31in |
| Mounting hole PCD          | 297mm / 11.7in |
| Number of mounting holes   | 8              |
| Chassis depth (inc gasket) | 96mm / 3.76in  |
| Magnet depth               | 34mm / 1.34in  |
| Overall depth              | 130mm / 5.1in  |
| Unit weight                | 3.2kg / 7lb    |

## 8 Frequency Response



## Parameters

|              |   |
|--------------|---|
| Sd           | 530.9cm <sup>2</sup> / 82.29in <sup>2</sup> |
| Fs           | 45Hz  |
| Mms          | 47.6g / 1.68oz                              |
| Qms          | 2.74  |
| Qes          | 0.49  |
| Qts          | 0.42  |
| Re           | 5.8 Ω                                       |
| Vas          | 104.6l / 3.7ft <sup>3</sup>                 |
| Bi           | 12.71Tm                                     |
| Cms          | 0.26mm/N                                    |
| Rms          | 4.92kg/s                                    |
| Le (at 1kHz) | 1.0mH                                       |
| Xmax         | 4mm / 0.15in                                |