

## Bass Guitar Speakers

### PULSE XL 12.20

12-inch steel-chassis bass guitar speaker



12in  
305mm

Ferrite

500W  
Watts

8  
Ohm

94  
dB

An increasingly popular choice of speaker format for bass players, this 12-inch driver delivers a rock-solid performance with plenty of warmth and richness in the low end, a detailed and expressive mid-band and a super-smooth treble, courtesy of a felt dust dome. Expect plenty of punch from singles or pairs, or a wall of classic bass tone in 4x12 configurations.

#### General Specifications

|                         |                           |
|-------------------------|---------------------------|
| Nominal Diameter        | 305mm / 12in              |
| Power Rating            | 500W                      |
| Rated impedance         | 8 ohm                     |
| Sensitivity             | 94dB                      |
| Magnet type             | Ferrite                   |
| Voice coil diameter     | 50mm / 2in                |
| Voice coil material     | Copper                    |
| Former material         | Polyimide                 |
| Cone material           | Cellulose                 |
| Surround material       | Triple roll, cloth sealed |
| Frequency range         | 35-2200Hz                 |
| Gap height (Hg)         | 8mm / 0.31in              |
| VC winding height (Hvc) | 20.5mm / 0.8in            |

#### Parameters

|              |                                             |
|--------------|---------------------------------------------|
| Sd           | 530.9cm <sup>2</sup> / 82.29in <sup>2</sup> |
| Fs           | 35.1Hz                                      |
| Mms          | 53.55g / 1.88oz                             |
| Qms          | 6.087                                       |
| Qes          | 0.548                                       |
| Qts          | 0.503                                       |
| Re           | 5.8 ohm                                     |
| Vas          | 153.3l / 5.4ft <sup>3</sup>                 |
| Bl           | 11.21Tm                                     |
| Cms          | 0.384mm/N                                   |
| Rms          | 1.939kg/s                                   |
| Le (at 1kHz) | 1.31mH                                      |
| Xmax         | 8.25mm / 0.32"                              |

#### Frequency Response

