CELESTION

# Bass Guitar Speakers

## PULSE15

**15-inch steel-chassis bass guitar speaker**




15in 381mm | Ferrite | 400W Watts | 8 Ohm | 96 dB

With a longer voice coil for increased ‘throw’ and a multi-roll surround that provides exceptional linearity and superb bass extension the 400-watt PULSE 15 is impeccably-designed sonic artillery. Featuring a Kevlar-loaded cone and rigid steel chassis designed for maximum energy transfer this robust and reliable 15 inch bass guitar speaker truly is a powerhouse of deep bass tone.

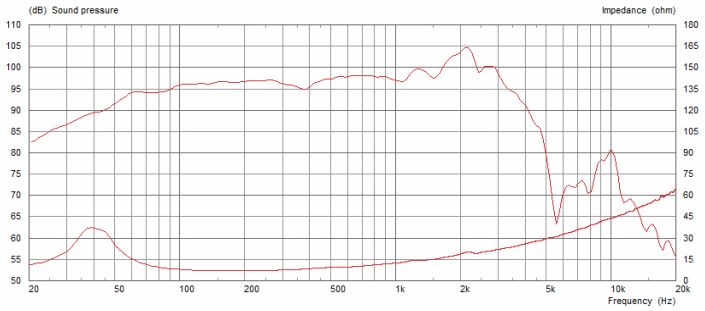
## General Specifications

| | |
|---|---|
| Nominal Diameter | 381mm / 15in |
| Power Rating | 400W |
| Rated impedance | 8 ohm |
| Sensitivity | 96dB |
| Magnet type | Ferrite |
| Voice coil diameter | 76.2mm / 3in |
| Voice coil material | Copper |
| Former material | Polyimide |
| Cone material | Kevlar loaded paper |
| Surround material | Cloth-sealed |
| Frequency range | 40-3500Hz |
| Gap height (Hg) | 8mm / 0.3in |
| VC winding height (Hvc) | 17.5mm / 0.68in |

## Parameters

| | |
|---|---|
| Sd | 855.3cm$^2$ / 132.57in$^2$ |
| Fs | 35.1Hz |
| Mms | 83.32g / 2.94oz |
| Qms | 4.75 |
| Qes | 0.474 |
| Qts | 0.431 |
| Re | 5.7 ohm |
| Vas | 246.7l / 8.7ft$^3$ |
| Bl | 15.06Tm |
| Cms | 0.24mm/N |
| Rms | 3.93kg/s |
| Le (at 1kHz) | 0.87mH |
| Xmax | 4.75mm / 0.18in |

## 8 ohm Frequency Response




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