
Subject: Peak power and RMS power

Posted by [Solitary](#) on Tue, 16 Jan 2018 18:59:05 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hey guys. Does anyone know what is the difference between peak power and RMS power? I am trying to understand what that means for my speakers.

Subject: Re: Peak power and RMS power

Posted by [Wayne Parham](#) on Tue, 16 Jan 2018 21:17:40 GMT

[View Forum Message](#) <> [Reply to Message](#)

These are terms with specific meanings:

- Peak power is the max power level of one-half cycle.
 - Peak-to-peak power is double the value of peak.
 - Root-mean-squared (RMS) power is equal to $\sin^2 45^\circ$ * peak. It is approximately 70.7% of the peak power level.
-