

DON'T GET BOOM-BOOZLED

SUBWOOFERS - WATTS THE WORD?

PEAK

Most common amp spec used for marketing

PROGRAM

Usually 50% of PEAK

RMS EIAJ

Repeating Burst RMS

RMS CONTINUOUS

ALL BASSBOSS SUB AMPS

Maximum power measurement, regardless of how short the duration. A single click, almost always measured at 1kHz. Utterly meaningless in subwoofer applications.

A vague rating indicating the maximum dynamic power, usually specified using very little bass content.

A 25% duty cycle measurement. Below 125Hz, these amplifiers can only deliver as little as 1/4 their rated power. Output power at frequencies below 125Hz should be de-rated by up to 75%.

BASSBOSS subwoofer amps deliver 100% of their rated output continuously, as a sine wave, at sub-bass frequency range. There is no reduction in power at deep bass frequencies. Amplifiers rated this way can deliver up to 8X more power at low frequencies than amplifiers rated to have the same "number of watts", specified by another method.

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MASS MARKET ACTIVE SUBS

ADVERTISED WATTS = **PEAK** 2000 W

PROGRAM WATTS 1000 W

RMS WATTS (USING BAND-LIMITED PINK NOISE OR EIAJ) 500 W 😞

ACTUAL SUSTAINED OUTPUT POWER AT 30HZ 250 W 😞

BASSBOSS ACTIVE SUBS

ADVERTISED WATTS
CONTINUOUS RMS
SUSTAINED AT 30HZ 2400 W 😍

DJ18S, SSP118, ZV18, DJ21S, VS21

ADVERTISED WATTS
CONTINUOUS RMS
SUSTAINED AT 30HZ 4000 W 😍

ZV28, SSP218