

---

Subject: Fitzmaurice Titan 48

Posted by [Wayne Parham](#) on Sun, 21 Oct 2007 18:31:26 GMT

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

---

Fitzmaurice Titan 48 basshorn sub

35.4v for 200 watts, 50v for 400 watts and 70.7v for 800 watts.

Titan 48 impedance

Next, we measured output at 28.3v. Since we measured 10 meters away, the values correspond to 2.83v/1M.

The blue line is SPL, and the violet line shows distortion. Since measurement was taken at 10 meters, add 20dB to find SPL at 1 meter. With 100 watts input, the 10 meter measurement works out the same as 1 watt input measured at a distance of 1 meter.

Titan 48 response at 10 meters with 28.3v input (2.83v/1M)

From this, we perform an inverse FFT to obtain impulse and step response:

Titan 48 Impulse Response

Titan 48 Step Response

Measurement at 100 watts:

Titan 48 response at 10 meters with 25v (100w) input (1W/1M)

Measurement at 200 watts:

Titan 48 response at 10 meters with 35.4v (200w) input

Measurement at 400 watts:

Titan 48 response at 10 meters with 50v (400w) input

Measurement at 800 watts:

Titan 48 response at 10 meters with 70.71v (800w) input

---