
Subject: OMG Super Mario Tesla Coil
Posted by [TSS888](#) on Mon, 12 Nov 2007 11:31:48 GMT
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This is awesomeness:
<http://kotaku.com/gaming/clips/super-mario-bros-tesla-coil-319567.php?autoplay=t> rue

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Goztow](#) on Mon, 12 Nov 2007 12:15:47 GMT
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The awesomeness!

Subject: Re: OMG Super Mario Tesla Coil
Posted by [BoMbZu](#) on Mon, 12 Nov 2007 12:27:45 GMT
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Lol nice

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Oblivion165](#) on Mon, 12 Nov 2007 14:11:20 GMT
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I will never understand why people think that is so cool, its been 22 years people. Let it go!

Its not 1985 and the theme has been heard and played with every imaginable device or instrument.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Zion](#) on Mon, 12 Nov 2007 14:29:38 GMT
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Still fun to watch.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Lone0001](#) on Mon, 12 Nov 2007 14:49:06 GMT
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Awesome

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Dave Mason](#) on Mon, 12 Nov 2007 14:55:31 GMT
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Oblivion165 wrote on Mon, 12 November 2007 14:11 I will never understand why people think that is so cool, its been 22 years people. Let it go!

Its not 1985 and the theme has been heard and played with every imaginable device or instrument.

Ah but never a Tesla Coil!

Subject: Re: OMG Super Mario Tesla Coil
Posted by [jnz](#) on Mon, 12 Nov 2007 15:04:25 GMT
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I'm currently building a tesla coil, i'll post some videos if i ever get it working.
Music through a tesla coil is quite simple, in sound waves they cross from +x volts to -x volts in a manner that creates sound (when amplified and put through a speaker). If you activate the tesla coil whenever it is at 0 volts you create the same frequency of the sound required and create the sound.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Caveman](#) on Mon, 12 Nov 2007 15:08:12 GMT
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RoShamBo wrote on Mon, 12 November 2007 15:04 I'm currently building a tesla coil, i'll post some videos if i ever get it working.
Music through a tesla coil is quite simple, in sound waves they cross from +x volts to -x volts in a manner that creates sound (when amplified and put through a speaker). If you activate the tesla coil whenever it is at 0 volts you create the same frequency of the sound required and create the sound.

Yeah I think its abit easier said then done.

As its been mentioned already, its still fun to watch.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Oblivion165](#) on Mon, 12 Nov 2007 15:13:44 GMT
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Dave Mason wrote on Mon, 12 November 2007 09:55 Oblivion165 wrote on Mon, 12 November 2007 14:11 I will never understand why people think that is so cool, its been 22 years people. Let it go!

Its not 1985 and the theme has been heard and played with every imaginable device or instrument.

Ah but never a Tesla Coil!

Link was provided at top

Subject: Re: OMG Super Mario Tesla Coil
Posted by [jnz](#) on Mon, 12 Nov 2007 16:20:19 GMT
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Caveman wrote on Mon, 12 November 2007 15:08RoShamBo wrote on Mon, 12 November 2007 15:04I'm currently building a tesla coil, i'll post some videos if i ever get it working. Music through a tesla coil is quite simple, in sound waves they cross from +x volts to -x volts in a manner that creates sound (when amplified and put through a speaker). If you activate the tesla coil whenever it is at 0 volts you create the same frequency of the sound required and create the sound.

Yeah I think its abit easier said then done.

Not really, but then again..i've never built a tesla coil so i couldn't really say. The concept of how they work is pretty simple, assuming we're talking about a single spark gap tesla coil. You charge a very high voltage capacitor to around about 6-15KV. Your spark gap should be big enough depending on your capcitor size (generally 1mm per Kv). When the capacitor charges to it's potential the spark completes the circuit to the primary winding on the coil. And this then induces an ultra high voltage on the secondary due to magnetic breakdown. The spark only lasts less a few micro seconds (1 millionth of a second) and repeats at about 20-100Khz.

The circuit is pretty simple, transformer -> diode(series) -> capacitor (parallel) -> spark gap (series) -> primary tesla coil. There is another spark gap, but it's only to protect the diode from back emf.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [AoBfrost](#) on Mon, 12 Nov 2007 17:49:30 GMT
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Thanks for stealing my topic.

I posted this like 2 weeks ago.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Herr Surth](#) on Mon, 12 Nov 2007 17:50:51 GMT
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AoBfrost wrote on Mon, 12 November 2007 11:49 Thanks for stealing my topic.

I posted this like 2 weeks ago.
thanks for whining a lot because someone "stole your topic".

Subject: Re: OMG Super Mario Tesla Coil
Posted by [R315r4z0r](#) on Mon, 12 Nov 2007 18:13:01 GMT
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Oblivion165 wrote on Mon, 12 November 2007 10:13 Dave Mason wrote on Mon, 12 November 2007 09:55 Oblivion165 wrote on Mon, 12 November 2007 14:11 I will never understand why people think that is so cool, its been 22 years people. Let it go!

Its not 1985 and the theme has been heard and played with every imaginable device or instrument.

Ah but never a Tesla Coil!

Link was provided at top
That is why it is so interesting.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Carrierll](#) on Mon, 12 Nov 2007 18:29:29 GMT
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My sister's boyfriend needs only a guitar to play the whole theme INCLUDING sound effects.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Xylaquin](#) on Mon, 12 Nov 2007 20:05:30 GMT
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it's a legendary tune anyway, I could listen to it for a long time.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [sadukar09](#) on Mon, 12 Nov 2007 20:51:08 GMT
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Hehe, I haven't played Mario games (ZOMG I R NED TO LIEK BUY MOAR!) But it sounds really funny.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [trooprm02](#) on Mon, 12 Nov 2007 21:06:10 GMT
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You have no idea how badly you fail, sir

Subject: Re: OMG Super Mario Tesla Coil
Posted by [sadukar09](#) on Mon, 12 Nov 2007 21:09:54 GMT
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trooprm02 wrote on Mon, 12 November 2007 15:06 You have no idea how badly you fail, sir
Gee really? I soooo claimed I have the best clan and dodges all the time right?

Subject: Re: OMG Super Mario Tesla Coil
Posted by [trooprm02](#) on Mon, 12 Nov 2007 21:12:30 GMT
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sadukar09 wrote on Mon, 12 November 2007 15:09 trooprm02 wrote on Mon, 12 November 2007 15:06 You have no idea how badly you fail, sir
Gee really? I soooo claimed I have the best clan and dodges all the time right?

Ngrammar Mr.EKTPRO

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Dave Mason](#) on Mon, 12 Nov 2007 22:07:51 GMT
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trooprm02 wrote on Mon, 12 November 2007 21:12 sadukar09 wrote on Mon, 12 November 2007 15:09 trooprm02 wrote on Mon, 12 November 2007 15:06 You have no idea how badly you fail, sir
Gee really? I soooo claimed I have the best clan and dodges all the time right?

Ngrammar Mr.EKTPRO

So's your face.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [sadukar09](#) on Mon, 12 Nov 2007 22:33:23 GMT

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trooprm02 wrote on Mon, 12 November 2007 15:12sadukar09 wrote on Mon, 12 November 2007 15:09trooprm02 wrote on Mon, 12 November 2007 15:06You have no idea how badly you fail, sir Gee really? I soooo claimed I have the best clan and dodges all the time right?

Ngrammar Mr.EKTPRO
Nice spelling.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [trooprm02](#) on Mon, 12 Nov 2007 23:08:04 GMT
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Way to not copy me

Subject: Re: OMG Super Mario Tesla Coil
Posted by [sadukar09](#) on Mon, 12 Nov 2007 23:22:23 GMT
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trooprm02 wrote on Mon, 12 November 2007 17:08Way to not copy me
Hypocrite.

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Lone0001](#) on Mon, 12 Nov 2007 23:35:32 GMT
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and thus ends another argument ending in trooprm02's defeat...Same time next week folks

Subject: Re: OMG Super Mario Tesla Coil
Posted by [Muad Dib15](#) on Tue, 13 Nov 2007 03:12:03 GMT
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Now they need to play Dragonforce on that.
