
Subject: Semi OT - Guitars with active electronics question

Posted by [Bill L](#) on Wed, 04 Jun 2008 21:10:41 GMT

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

I have a couple guitars with active electronics (a strat w/ EMGs and a Buscarino Starlight nylon electric). I hate having to unplug them every time I put them down, especially the Buscarino because I don't usually use a vol pedal with it. Are there any tricks to cut the battery draw while leaving the plug in? I would think that if no circuit is completed it might stop the draw.

Subject: Re: Semi OT - Guitars with active electronics question

Posted by [EK Sound](#) on Wed, 04 Jun 2008 21:20:58 GMT

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

The guitar makes use of the "ring" terminal shorting to the sleeve of the 1/4" jack to connect the "-" side of the battery when you put a TS plug in. If you use a TRS (balanced) 1/4" plug in the guitar you could, in theory, connect the ring and sleeve at some point farther down the cable to energize the circuit in the guitar.

David.

Bill L wrote:

> I have a couple guitars with active electronics (a strat w/ EMGs and a
> Buscarino Starlight nylon electric). I hate having to unplug them every
> time I put them down, especially the Buscarino because I don't usually
> use a vol pedal with it. Are there any tricks to cut the battery draw
> while leaving the plug in? I would think that if no circuit is completed
> it might stop the draw.

Subject: Re: Semi OT - Guitars with active electronics question

Posted by [Aaron Allen](#) on Wed, 04 Jun 2008 23:19:25 GMT

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

yup. Also, you could replace one of the pots with a push/pull pot, and switch it on the guitar w/o having to drill or cut anything.

AA

"EK Sound" <ask_me@nospam.net> wrote in message [news:48470995\\$1@linux...](mailto:news:48470995$1@linux...)

> The guitar makes use of the "ring" terminal shorting to the sleeve of the
> 1/4" jack to connect the "-" side of the battery when you put a TS plug
> in. If you use a TRS (balanced) 1/4" plug in the guitar you could, in
> theory, connect the ring and sleeve at some point farther down the cable

> to energize the circuit in the guitar.
>
> David.
>
> Bill L wrote:
>> I have a couple guitars with active electronics (a strat w/ EMGs and a
>> Buscarino Starlight nylon electric). I hate having to unplug them every
>> time I put them down, especially the Buscarino because I don't usually
>> use a vol pedal with it. Are there any tricks to cut the battery draw
>> while leaving the plug in? I would think that if no circuit is completed
>> it might stop the draw.

Subject: Re: Semi OT - Guitars with active electronics question
Posted by [Bill L](#) on Wed, 04 Jun 2008 23:28:10 GMT
[View Forum Message](#) <> [Reply to Message](#)

That's an interesting idea. I like it.

Aaron Allen wrote:

> yup. Also, you could replace one of the pots with a push/pull pot, and
> switch it on the guitar w/o having to drill or cut anything.
> AA
>
>
> "EK Sound" <ask_me@nospam.net> wrote in message news:48470995\$1@linux...
>> The guitar makes use of the "ring" terminal shorting to the sleeve of the
>> 1/4" jack to connect the "-" side of the battery when you put a TS plug
>> in. If you use a TRS (balanced) 1/4" plug in the guitar you could, in
>> theory, connect the ring and sleeve at some point farther down the cable
>> to energize the circuit in the guitar.
>>
>> David.
>>
>> Bill L wrote:
>>> I have a couple guitars with active electronics (a strat w/ EMGs and a
>>> Buscarino Starlight nylon electric). I hate having to unplug them every
>>> time I put them down, especially the Buscarino because I don't usually
>>> use a vol pedal with it. Are there any tricks to cut the battery draw
>>> while leaving the plug in? I would think that if no circuit is completed
>>> it might stop the draw.
>
>

Subject: Re: Semi OT - Guitars with active electronics question
Posted by [Aaron Allen](#) on Thu, 05 Jun 2008 02:32:53 GMT

StewMac will probably have what you need. Figure out the ohm rating (usually printed on the back of the pot) and taper (usually audio taper) of whatever pot you want to replace. Order the same ratings (or if you like smoother audio moves, try a linear taper pot) in a push/pull. Install. Smile.

AA

"Bill L" <bill@billlorentzen.com> wrote in message news:48472764\$1@linux...

> That's an interesting idea. I like it.

>

> Aaron Allen wrote:

>> yup. Also, you could replace one of the pots with a push/pull pot, and

>> switch it on the guitar w/o having to drill or cut anything.

>> AA

>>

>>

>> "EK Sound" <ask_me@nospam.net> wrote in message news:48470995\$1@linux...

>>> The guitar makes use of the "ring" terminal shorting to the sleeve of

>>> the 1/4" jack to connect the "-" side of the battery when you put a TS

>>> plug in. If you use a TRS (balanced) 1/4" plug in the guitar you could,

>>> in theory, connect the ring and sleeve at some point farther down the

>>> cable to energize the circuit in the guitar.

>>>

>>> David.

>>>

>>> Bill L wrote:

>>>> I have a couple guitars with active electronics (a strat w/ EMGs and a

>>>> Buscarino Starlight nylon electric). I hate having to unplug them every

>>>> time I put them down, especially the Buscarino because I don't usually

>>>> use a vol pedal with it. Are there any tricks to cut the battery draw

>>>> while leaving the plug in? I would think that if no circuit is

>>>> completed it might stop the draw.

>>

Subject: Re: Semi OT - Guitars with active electronics question

Posted by [Jamie K](#) on Thu, 05 Jun 2008 07:20:41 GMT

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

Brilliant!

Cheers,

-Jamie

www.JamieKrutz.com

Aaron Allen wrote:

> StewMac will probably have what you need. Figure out the ohm rating (usually
> printed on the back of the pot) and taper (usually audio taper) of whatever
> pot you want to replace. Order the same ratings (or if you like smoother
> audio moves, try a linear taper pot) in a push/pull. Install. Smile.

>

> AA

>

>

> "Bill L" <bill@billlorentzen.com> wrote in message news:48472764\$1@linux...

>> That's an interesting idea. I like it.

>>

>> Aaron Allen wrote:

>>> yup. Also, you could replace one of the pots with a push/pull pot, and
>>> switch it on the guitar w/o having to drill or cut anything.

>>> AA

>>>

>>>

>>> "EK Sound" <ask_me@nospam.net> wrote in message news:48470995\$1@linux...

>>>> The guitar makes use of the "ring" terminal shorting to the sleeve of
>>>> the 1/4" jack to connect the "-" side of the battery when you put a TS
>>>> plug in. If you use a TRS (balanced) 1/4" plug in the guitar you could,
>>>> in theory, connect the ring and sleeve at some point farther down the
>>>> cable to energize the circuit in the guitar.

>>>>

>>>> David.

>>>>

>>>> Bill L wrote:

>>>>> I have a couple guitars with active electronics (a strat w/ EMGs and a
>>>>> Buscarino Starlight nylon electric). I hate having to unplug them every
>>>>> time I put them down, especially the Buscarino because I don't usually
>>>>> use a vol pedal with it. Are there any tricks to cut the battery draw
>>>>> while leaving the plug in? I would think that if no circuit is
>>>>> completed it might stop the draw.

>

Subject: Re: Semi OT - Guitars with active electronics question

Posted by [kerryg](#) on Thu, 05 Jun 2008 18:15:14 GMT

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

I sure would like to see a broader range of pots available; the push-pull thing is great but I'd really want the electronics to turn off when you pull it up rather than push it down, for the simple reason that I've never seen a pot get accidentally pulled up in the middle of a gig.

- Kerry

On 6/5/08 12:20 AM, in article 48479623@linux, "Jamie K" <JamieN0-SPAM@JamieKruzN0-SPAM.com> wrote:

>
> Brilliant!
>
> Cheers,
> -Jamie
> www.JamieKruz.com
>
>
> Aaron Allen wrote:
>> StewMac will probably have what you need. Figure out the ohm rating (usually
>> printed on the back of the pot) and taper (usually audio taper) of whatever
>> pot you want to replace. Order the same ratings (or if you like smoother
>> audio moves, try a linear taper pot) in a push/pull. Install. Smile.
>>
>> AA
>>
>>
>> "Bill L" <bill@billlorentzen.com> wrote in message news:48472764\$1@linux...
>>> That's an interesting idea. I like it.
>>>
>>> Aaron Allen wrote:
>>>> yup. Also, you could replace one of the pots with a push/pull pot, and
>>>> switch it on the guitar w/o having to drill or cut anything.
>>>> AA
>>>>
>>>>
>>>> "EK Sound" <ask_me@nospam.net> wrote in message news:48470995\$1@linux...
>>>>> The guitar makes use of the "ring" terminal shorting to the sleeve of
>>>>> the 1/4" jack to connect the "-" side of the battery when you put a TS
>>>>> plug in. If you use a TRS (balanced) 1/4" plug in the guitar you could,
>>>>> in theory, connect the ring and sleeve at some point farther down the
>>>>> cable to energize the circuit in the guitar.
>>>>>
>>>>> David.
>>>>>
>>>>> Bill L wrote:
>>>>>> I have a couple guitars with active electronics (a strat w/ EMGs and a
>>>>>> Buscarino Starlight nylon electric). I hate having to unplug them every
>>>>>> time I put them down, especially the Buscarino because I don't usually
>>>>>> use a vol pedal with it. Are there any tricks to cut the battery draw
>>>>>> while leaving the plug in? I would think that if no circuit is
>>>>>> completed it might stop the draw.
>>>>>>
>>>>>>

Subject: Re: Semi OT - Guitars with active electronics question

Posted by [Jamie K](#) on Thu, 05 Jun 2008 21:54:16 GMT

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

Good point.

Maybe a separate switch is better. I've never liked switching jacks, I'd rather not worry about leaving the guitar plugged in.

Cheers,

-Jamie

www.JamieKruz.com

Kerry Galloway wrote:

> I sure would like to see a broader range of pots available; the push-pull
> thing is great but I'd really want the electronics to turn off when you pull
> it up rather than push it down, for the simple reason that I've never seen a
> pot get accidentally pulled up in the middle of a gig.

>

> - Kerry

>

> On 6/5/08 12:20 AM, in article 48479623@linux, "Jamie K"

> <JamieN0-SPAM@JamieKruzN0-SPAM.com> wrote:

>

>> Brilliant!

>>

>> Cheers,

>> -Jamie

>> www.JamieKruz.com

>>

>>

>> Aaron Allen wrote:

>>> StewMac will probably have what you need. Figure out the ohm rating (usually

>>> printed on the back of the pot) and taper (usually audio taper) of whatever

>>> pot you want to replace. Order the same ratings (or if you like smoother

>>> audio moves, try a linear taper pot) in a push/pull. Install. Smile.

>>>

>>> AA

>>>

>>>

>>> "Bill L" <bill@billlorentzen.com> wrote in message news:48472764\$1@linux...

>>>> That's an interesting idea. I like it.

>>>>

>>>> Aaron Allen wrote:

>>>>> yup. Also, you could replace one of the pots with a push/pull pot, and

>>>>> switch it on the guitar w/o having to drill or cut anything.

>>>>> AA

>>>>>

>>>>
>>>> "EK Sound" <ask_me@nospam.net> wrote in message news:48470995\$1@linux...
>>>>> The guitar makes use of the "ring" terminal shorting to the sleeve of
>>>>> the 1/4" jack to connect the "-" side of the battery when you put a TS
>>>>> plug in. If you use a TRS (balanced) 1/4" plug in the guitar you could,
>>>>> in theory, connect the ring and sleeve at some point farther down the
>>>>> cable to energize the circuit in the guitar.
>>>>>
>>>>> David.
>>>>>
>>>>> Bill L wrote:
>>>>>> I have a couple guitars with active electronics (a strat w/ EMGs and a
>>>>>> Buscarino Starlight nylon electric). I hate having to unplug them every
>>>>>> time I put them down, especially the Buscarino because I don't usually
>>>>>> use a vol pedal with it. Are there any tricks to cut the battery draw
>>>>>> while leaving the plug in? I would think that if no circuit is
>>>>>> completed it might stop the draw.
>

Subject: Re: Semi OT - Guitars with active electronics question
Posted by [Aaron Allen](#) on Thu, 05 Jun 2008 23:21:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

should be in how you wire it. There are 6 poles typically.
AA

"Kerry Galloway" <kg@kerrygalloway.com> wrote in message
news:C46D7B42.B103%kg@kerrygalloway.com...
> I sure would like to see a broader range of pots available; the push-pull
> thing is great but I'd really want the electronics to turn off when you
> pull
> it up rather than push it down, for the simple reason that I've never seen
> a
> pot get accidentally pulled up in the middle of a gig.
>
> - Kerry
>
> On 6/5/08 12:20 AM, in article 48479623@linux, "Jamie K"
> <JamieN0-SPAM@JamieKruzN0-SPAM.com> wrote:
>
>>
>> Brilliant!
>>
>> Cheers,
>> -Jamie
>> www.JamieKruz.com

>>
>>
>> Aaron Allen wrote:
>>> StewMac will probably have what you need. Figure out the ohm rating
>>> (usually
>>> printed on the back of the pot) and taper (usually audio taper) of
>>> whatever
>>> pot you want to replace. Order the same ratings (or if you like smoother
>>> audio moves, try a linear taper pot) in a push/pull. Install. Smile.
>>>
>>> AA
>>>
>>>
>>> "Bill L" <bill@billlorentzen.com> wrote in message
>>> news:48472764\$1@linux...
>>>> That's an interesting idea. I like it.
>>>>
>>>> Aaron Allen wrote:
>>>>> yup. Also, you could replace one of the pots with a push/pull pot, and
>>>>> switch it on the guitar w/o having to drill or cut anything.
>>>>> AA
>>>>>
>>>>>
>>>>> "EK Sound" <ask_me@nospam.net> wrote in message
>>>>> news:48470995\$1@linux...
>>>>>> The guitar makes use of the "ring" terminal shorting to the sleeve of
>>>>>> the 1/4" jack to connect the "-" side of the battery when you put a
>>>>>> TS
>>>>>> plug in. If you use a TRS (balanced) 1/4" plug in the guitar you
>>>>>> could,
>>>>>> in theory, connect the ring and sleeve at some point farther down the
>>>>>> cable to energize the circuit in the guitar.
>>>>>>
>>>>>> David.
>>>>>>
>>>>>> Bill L wrote:
>>>>>>> I have a couple guitars with active electronics (a strat w/ EMGs and
>>>>>>> a
>>>>>>> Buscarino Starlight nylon electric). I hate having to unplug them
>>>>>>> every
>>>>>>> time I put them down, especially the Buscarino because I don't
>>>>>>> usually
>>>>>>> use a vol pedal with it. Are there any tricks to cut the battery
>>>>>>> draw
>>>>>>> while leaving the plug in? I would think that if no circuit is
>>>>>>> completed it might stop the draw.
>>>>
>>>
>

Subject: Re: Semi OT - Guitars with active electronics question

Posted by [kerryg](#) on Thu, 05 Jun 2008 23:24:20 GMT

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

Ah, thanks! Shows you what I know about electronics.

Now - accidentally muting oneself on stage - *that* I can speak authoritatively on.

- Kerry

On 6/5/08 4:21 PM, in article 48487735@linux, "Aaron Allen" <know-spam@not_here.dude> wrote:

> should be in how you wire it. There are 6 poles typically.

> AA

>

>

> "Kerry Galloway" <kg@kerrygalloway.com> wrote in message

> news:C46D7B42.B103%kg@kerrygalloway.com...

>> I sure would like to see a broader range of pots available; the push-pull

>> thing is great but I'd really want the electronics to turn off when you

>> pull

>> it up rather than push it down, for the simple reason that I've never seen

>> a

>> pot get accidentally pulled up in the middle of a gig.

>>

>> - Kerry

>>

>> On 6/5/08 12:20 AM, in article 48479623@linux, "Jamie K"

>> <JamieN0-SPAM@JamieKruzN0-SPAM.com> wrote:

>>

>>>

>>> Brilliant!

>>>

>>> Cheers,

>>> -Jamie

>>> www.JamieKruz.com

>>>

>>>

>>> Aaron Allen wrote:

>>>> StewMac will probably have what you need. Figure out the ohm rating

>>>> (usually

>>>> printed on the back of the pot) and taper (usually audio taper) of

>>>> whatever

>>>> pot you want to replace. Order the same ratings (or if you like smoother

>>>> audio moves, try a linear taper pot) in a push/pull. Install. Smile.

>>>>

>>>> AA
>>>>
>>>>
>>>> "Bill L" <bill@billlorentzen.com> wrote in message
>>>> news:48472764\$1@linux...
>>>>> That's an interesting idea. I like it.
>>>>>
>>>>> Aaron Allen wrote:
>>>>>> yup. Also, you could replace one of the pots with a push/pull pot, and
>>>>>> switch it on the guitar w/o having to drill or cut anything.
>>>>>> AA
>>>>>>
>>>>>>
>>>>>> "EK Sound" <ask_me@nospam.net> wrote in message
>>>>>> news:48470995\$1@linux...
>>>>>>> The guitar makes use of the "ring" terminal shorting to the sleeve of
>>>>>>> the 1/4" jack to connect the "-" side of the battery when you put a
>>>>>>> TS
>>>>>>> plug in. If you use a TRS (balanced) 1/4" plug in the guitar you
>>>>>>> could,
>>>>>>> in theory, connect the ring and sleeve at some point farther down the
>>>>>>> cable to energize the circuit in the guitar.
>>>>>>>
>>>>>>> David.
>>>>>>>
>>>>>>> Bill L wrote:
>>>>>>>> I have a couple guitars with active electronics (a strat w/ EMGs and
>>>>>>>> a
>>>>>>>> Buscarino Starlight nylon electric). I hate having to unplug them
>>>>>>>> every
>>>>>>>> time I put them down, especially the Buscarino because I don't
>>>>>>>> usually
>>>>>>>> use a vol pedal with it. Are there any tricks to cut the battery
>>>>>>>> draw
>>>>>>>> while leaving the plug in? I would think that if no circuit is
>>>>>>>> completed it might stop the draw.
>>>>>
>>
>
>

Subject: Re: Semi OT - Guitars with active electronics question
Posted by [Jamie K](#) on Fri, 06 Jun 2008 00:30:34 GMT
[View Forum Message](#) <> [Reply to Message](#)

But with UP as OFF it might be too easy to accidentally push it in and turn the circuit on when the guitar is in the case or gig bag. So now

I'm leaning toward a separate power switch on my sustainer guitar...

Cheers,
-Jamie
www.JamieKrutz.com

Kerry Galloway wrote:

> Ah, thanks! Shows you what I know about electronics.
>
> Now - accidentally muting oneself on stage - *that* I can speak
> authoritatively on.
>
> - Kerry
>
>
> On 6/5/08 4:21 PM, in article 48487735@linux, "Aaron Allen"
> <know-spam@not_here.dude> wrote:
>
>> should be in how you wire it. There are 6 poles typically.
>> AA
>>
>>
>> "Kerry Galloway" <kg@kerrygalloway.com> wrote in message
>> news:C46D7B42.B103%kg@kerrygalloway.com...
>>> I sure would like to see a broader range of pots available; the push-pull
>>> thing is great but I'd really want the electronics to turn off when you
>>> pull
>>> it up rather than push it down, for the simple reason that I've never seen
>>> a
>>> pot get accidentally pulled up in the middle of a gig.
>>>
>>> - Kerry
>>>
>>> On 6/5/08 12:20 AM, in article 48479623@linux, "Jamie K"
>>> <JamieN0-SPAM@JamieKrutzN0-SPAM.com> wrote:
>>>
>>>> Brilliant!
>>>>
>>>> Cheers,
>>>> -Jamie
>>>> www.JamieKrutz.com
>>>>
>>>>
>>>> Aaron Allen wrote:
>>>>> StewMac will probably have what you need. Figure out the ohm rating
>>>>> (usually
>>>>> printed on the back of the pot) and taper (usually audio taper) of

>>>> whatever
>>>> pot you want to replace. Order the same ratings (or if you like smoother
>>>> audio moves, try a linear taper pot) in a push/pull. Install. Smile.
>>>>
>>>> AA
>>>>
>>>>
>>>> "Bill L" <bill@billlorentzen.com> wrote in message
>>>> news:48472764\$1@linux...
>>>>> That's an interesting idea. I like it.
>>>>>
>>>>> Aaron Allen wrote:
>>>>>> yup. Also, you could replace one of the pots with a push/pull pot, and
>>>>>> switch it on the guitar w/o having to drill or cut anything.
>>>>>> AA
>>>>>>
>>>>>>
>>>>>> "EK Sound" <ask_me@nospam.net> wrote in message
>>>>>> news:48470995\$1@linux...
>>>>>>> The guitar makes use of the "ring" terminal shorting to the sleeve of
>>>>>>> the 1/4" jack to connect the "-" side of the battery when you put a
>>>>>>> TS
>>>>>>> plug in. If you use a TRS (balanced) 1/4" plug in the guitar you
>>>>>>> could,
>>>>>>> in theory, connect the ring and sleeve at some point farther down the
>>>>>>> cable to energize the circuit in the guitar.
>>>>>>>
>>>>>>> David.
>>>>>>>
>>>>>>> Bill L wrote:
>>>>>>>> I have a couple guitars with active electronics (a strat w/ EMGs and
>>>>>>>> a
>>>>>>>> Buscarino Starlight nylon electric). I hate having to unplug them
>>>>>>>> every
>>>>>>>> time I put them down, especially the Buscarino because I don't
>>>>>>>> usually
>>>>>>>> use a vol pedal with it. Are there any tricks to cut the battery
>>>>>>>> draw
>>>>>>>> while leaving the plug in? I would think that if no circuit is
>>>>>>>> completed it might stop the draw.
>>
>