
Subject: Farewell... and a huge thanks.

Posted by [manic](#) on Sat, 24 Feb 2007 04:56:29 GMT

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

s I have an automatic vacuum, so that takes
>> care of most of it within a day or so, and if it's swimming
>> weather I can always just switch to the manual vac & help it
>> out if needed. So this morning I wake up & it's still kinda
>> crappy outside, and so I go out back to see what kind of
>> leaves, plastic bags, squirrels, etc have ended up in my pool,
>> and I find this (see pic). It's a friggin newspaper! Looks like
>> a whole damn newspaper, in fact, not just a section of it! How
>> the hell am I gonna get that sucker out of there? I ain't goin'
>> in after it, that's for sure - the thermometer out back says 39
>> degrees right now, so I can only imagine what the water
>> temperature must be! lol
>> I don't even know if I'll be able to grab that stuff with the
>> skimmer net, because that's ten feet down and I can't get any
>> leverage with the pole extended that far, and that waterlogged
>> newsprint is gonna be pretty heavy, I imagine!
>>
>> AARRRGH!
>
>This is a multi-part message in MIME format.

-----=_NextPart_000_0020_01C77927.4285D120

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

Neil, Edna, couldn't the rectifier just have gone Kablooey? As you say =
it could be symptomatic of another problem but if you read my last post, =
I may have been overloading the thing. Looking at the circuit board =
carefully, I see no other browned or burned resistors, etc. Maybe I'll =
send it in, but I might try to fix it myself as it will be only a couple =
of bucks if it doesn't work. The unit was bought used from another owner =
a few years ago, on ebay, and I'm not sure if it is still under =
warrantee. I'll have to look into this. I probably know just enough to =
get this wrong, but wish me luck. I know..... I'll soon be hearing, =
"I told you so"! :-)

Thanks,
Rich

"Rich Lamanna" <richard.lamanna@verizon.net> wrote in message =
news:46178cc2\$

Subject: Re: Farewell... and a huge thanks.
Posted by [John \[1\]](#) on Sat, 24 Feb 2007 05:12:39 GMT
[View Forum Message](#) <> [Reply to Message](#)

hard.lamanna@verizon.net" target="_blank">richard.lamanna@verizon.net> wrote in message
> >>news:4617a41b@linux...
> >>> Kim, I like your name for them much better. There are actually 2 of
> >>> these
> >>> RS202L's side by side, so do you still think it a good idea to ramp up
> > the
> >>> capacity? You say that something else caused it to blow, what could
that
> >
> >>> be?
> >>> I wasn't using it at the time. Something I left out is that the power
> > is
> >>> always on when my rack is switched on, which probably isn't a good
idea
> >
> >>> and
> >>> I believe my phantom power was on for most of the channels, again
> >>> probably
> >>> not a good idea. Thanks for the help. I assume pos and neg are in the
> > same
> >>> direction as the other rectumfrier beside it?
> >>>
> >>> Thanks,
> >>> Rich
> >>>
> >>>
> >>> "Kim W." <no@way.com> wrote in message news:46179502\$1@linux...
> >>>>
> >>>> It's a rectifier bridge.
> >>>> (Or as I call 'em... "rectumfriers").
> >>>> <http://www.chipdocs.com/datasheets/datasheet-pdf/RECTR/RS201.html>
> >>>> It's actually not one diode, but four, prewired to convert AC into
> >>>> DC. (Usually followed by some hefty electrolytic capacitors.
> >>>> (Oh yeah..... yanks call those "condensers".
> >>>> My guess is that there was something else that caused this to blow.
> >>>> If I were to replace this, I would put a larger capacity
> >>>> equivalent in it's place. (just get the + & - right, the ~ refers
> >>>> to the AC input, so it don't matter.)
> >>>> Stick a 4 amp, 100V unit in it's place, and you'll be right.
> >>>> THEN, find out what caused it to blow.
> >>>> Kim
> >>>>
> >>>>
> >>>>
> >>>>

> >>>> "Rich Lamanna" <r

Subject: Re: Farewell... and a huge thanks.
Posted by [Kim](#) on Sat, 24 Feb 2007 05:33:57 GMT
[View Forum Message](#) <> [Reply to Message](#)

```
x.cfm?fuseaction=3Duser.viewprofile&friend" target="_blank">
http://profile.myspace.com/index.cfm?fuseaction=3Duser.viewprofile&friend=
> >>>> >id=3D172230696
> >>>> >
> >>>> >
> >>>> >
> >>>> >
> >>>> >
> >>>> ><!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
> >>>> ><HTML><HEAD>
> >>>> ><META http-equiv=3DContent-Type content=3D"text/html; =
> >>>> >charset=3Diso-8859-1">
> >>>> ><META content=3D"MSHTML 6.00.2800.1555" name=3DGENERATOR>
> >>>> ><STYLE></STYLE>
> >>>> ></HEAD>
> >>>> ><BODY>
> >>>> ><DIV><FONT size=3D2>Hello, Easter greetings by the way. Hey the =
> >>>> >other day I=20
> >>>> >smelled smoke and heard a crinkling sound in the back of my =
> >>>> >preamp=20
> >>>> >rack and later discovered the cause was my Presonus M80's power
supply
> > =
> >>>> >which is=20
> >>>> >now deep fried. Well I took the supply apart and found that this
dark
> > =
> >>>> >grey thing=20
> >>>> >on the circuit board, I think it's a diode ->I, melted right off of
> > =
> >>>> >the=20
> >>>> >board. Any one know what this is? I can't get a picture just yet up
> > on =
> >>>> >the net=20
> >>>> >but I'll try and describe it.</FONT></DIV>
> >>>> ><DIV><FONT size=3D2></FONT> </DIV>
> >>>> ><DIV><FONT size=3D2>It's appx. 3/4" by 1/2" by 1/4" thick, has 4
pins
> > on
> >>>> =
> >>>> >the=20
```

> >>>> >bottom which solder to the cuicut board, dark grey colored and is=20
> >>>> >coded:</DIV>
> >>>> ><DIV> </DIV>
> >>>> ><DIV>-->| RS*202L</DIV>
> >>>> ><DIV>RU A 90 </DIV>
> >>>> ><DIV>+ AC -</DIV>
> >>>> ><DIV> </DIV>
> >>>> ><DIV>Anyone of you electronics wizards know where =
>

Subject: Re: Farewell... and a huge thanks.
Posted by [Morgan](#) on Sat, 24 Feb 2007 12:33:36 GMT
[View Forum Message](#) <> [Reply to Message](#)

r.viewprofi" target="_blank"> http://profile.myspace.com/index.cfm?fuseaction=3Duser.viewp rofi
l=

> >>>>
> >>>> >e&friendid=3D172230696">http://profile.myspace.com/index.cfm?fuseacti=
> >>>> >on=3Duser.viewprofile&friendid=3D172230696 </DIV>
> >>>> ><DIV>

</DIV></BODY></HTML>
> >>>> >
> >>>> >
> >>>>
> >>>
> >>>
> >>>
> >>
> >>
> >>
> >
> >
>

>Yes, it could've just gone kablooey, affecting no other components, but what a bridge rectifier does is to turn the various cycles of AC current into steady & polarized DC. If that thing went kablooey and created an open circuit in the process, than it's possible no other components were affected; if it kablooied into a short, then whatever components that are next in line after it got a nice dose of AC, which may have caused a subsequent kablooation of those parts as well.

Just 'cause they don't "look" bad, doesn't mean they ain't.

Neil

"Rich Lamanna" <richard.lamanna@verizon.net> wrote:

>
>
>Neil, Edna, couldn't the rectifier just have gone Kablooey? As you say =

>it could be symptomatic of another problem but if you read my last post,
=
>I may have been overloading the thing. Looking at the circuit board =
>carefully, I see no other browned or burned resistors, etc. Maybe I'll =
>send it in, but I might try to fix it myself as it will be only a couple
=
>of bucks if it doesn't work. The unit was bought used from another owner
=
>a few years ago, on ebay, and I'm not sure if it is still under =
>warranty. I'll have to look into this. I probably know just enough to =
>get this wrong, but wish me luck. I know..... I'll soon be hearing, =
>"I told you so"! :-)
>
>Thanks,
>Rich
>
> "Rich Lamanna" <richard.lamanna@verizon.net> wrote in message =
>news:46178cc2\$1@linux...
> Hello, Easter greetings by the way. Hey the other day I smelled smoke
=
>and heard a crinkling sound in the back of my preamp rack

Subject: Re: Farewell... and a huge thanks.
Posted by [manic](#) on Sat, 24 Feb 2007 14:02:26 GMT
[View Forum Message](#) <> [Reply to Message](#)

and later =
>discovered the cause was my Presonus M80's power supply which is now =
>deep fried. Well I took the supply apart and found that this dark grey =
>thing on the circuit board, I think it's a diode ->I, melted right off =
>of the board. Any one know what this is? I can't get a picture just yet
=
>up on the net but I'll try and describe it.
>
> It's appx. 3/4" by 1/2" by 1/4" thick, has 4 pins on the bottom which
=
>solder to the circuit board, dark grey colored and is coded:
>
> -->| RS*202L
> RU A 90=20
> + AC -
>
> Anyone of you electronics wizards know where the heck I can find one =
>of these?
>
> You guys are great,
> Thanks

```
> Rich
>
> PS. By the way I broke down and got a Myspace site now. Check it out.
> =
> http://profile.myspace.com/index.cfm?fuseaction=3Duser.viewprofile&friend=
>id=3D172230696
>
>
>
>
><!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
><HTML><HEAD>
><META http-equiv=3DContent-Type content=3D"text/html; =
>charset=3Diso-8859-1">
><META content=3D"MSHTML 6.00.2800.1555" name=3DGENERATOR>
><STYLE></STYLE>
></HEAD>
><BODY bgColor=3D#ffffff>
><DIV>
><DIV><FONT size=3D2>Neil, Edna, couldn't the rectifier just have gone =
>Kablooey? As=20
>you say it could be symptomatic of another problem but if you read my =
>last post,=20
>I may have been overloading the thing. Looking at the circuit board=20

>I'll send=20

>of=20
>bucks if it doesn't work. The unit was bought used from another owner a
=
>few=20
>years ago, on ebay, and I'm not sure if it is still under warrantee. =
>I'll have=20
>to look into this. I probably know just enough to get this wrong, but =
>wish me=20
>luck. I know..... I'll soon be hearing, "I told you so"! =
>:-)</FONT></DIV>

><DIV><FONT size=3D2>Thanks,</FONT></DIV>
><DIV><FONT size=3D2>Rich</FONT><BR></DIV></DIV>
><BLOCKQUOTE dir=3Dltr=20
>style=3D"PADDING-RIGHT: 0px; PADDING-LEFT: 5px; MARGIN-LEFT: 5px; =
>BORDER-LEFT: #000000 2px solid; MARGIN-RIGHT: 0px">
> <DIV>"Rich Lamanna" <<A=20
> =
>href=3D"mailto:richard.lamanna@verizon.net">richard.lamanna@verizon.net</=
>A>>=20
> wrote in message <A=20
```

> href=3D"news:46178cc2\$1@linux">news:46178cc2\$1@linux...</DIV>

>other day I=20

>preamp=20

> rack and later discovered the cause was my Presonus M80's power supply

=

>which=20

> is now deep fried. Well I took the supply apart and found that this =

>dark grey=20

> thing on the cuircuit board, I think it's a diode ->I, melted right =

>off of=20

> the board. Any one know what this is? I can't get a picture just yet =

>up on the=20

> net but I'll try and describe it.</DIV>

> <DIV>It's appx. 3/4" by 1/2" by 1/4" thick, has 4 pins

=

>on the=20

Subject: Re: Farewell... and a huge thanks.

Posted by [manic](#) on Sat, 24 Feb 2007 14:03:51 GMT

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

, dark grey colored and is =

>

> coded:</DIV>

> <DIV>-->| RS*202L</DIV>

> <DIV>+ AC -</DIV>

>the heck I=20

> can find one of these?</DIV>

> <DIV>You guys are great,</DIV>

> <DIV>Thanks</DIV>

> <DIV>Rich</DIV>

> <DIV>PS. By the way I broke down and got a Myspace site

=

>now.=20

> Check it out.</DIV>

> <DIV><A=20

> =

>href=3D" http://profile.myspace.com/index.cfm?fuseaction=3Duser.viewp rofil=
>e&friendid=3D172230696">http://profile.myspace.com/index.cfm?fuseacti=
>on=3Duser.viewprofile&friendid=3D172230696 </DIV>
> <DIV>

</DIV></BLOCKQUOTE></BODY></HTML>
>
>No Edna it didn't blow a fuse or circuit breaker, no burnt or brown marks
either on the board.

Rich

"Edna" <edna@texomaonline.com> wrote in message news:4617b541@linux...
> "Something else" causing it to blow is probably right. If you just
replace
> the rectifier, it may do the same thing again. Maybe a blown
semiconductor
> component causing a short to that circuit. Also maybe a shorted filter
> capacitor. Look for burned or dark resistors or burned circuit board to
> trace to a faulty component. Did it blow a fuse or circuit breaker?
> Edna
> "Rich Lamanna" <richard.lamanna@verizon.net> wrote in message
> news:4617a41b@linux...
> > Kim, I like your name for them much better. There are actually 2 of
these
> > RS202L's side by side, so do you still think it a good idea to ramp up
the
> > capacity? You say that something else caused it to blow, what could that
> > be?
> > I wasn't using it at the time. Something I left out is that the power is
> > always on when my rack is switched on, which probably isn't a good idea
> > and
> > I believe my phantom power was on for most of the channels, again
probably
> > not a good idea. Thanks for the help. I assume pos and neg

Subject: Re: Farewell... and a huge thanks.
Posted by [Kim](#) on Sat, 24 Feb 2007 15:02:54 GMT
[View Forum Message](#) <> [Reply to Message](#)

w.
> >> Kim
> >>
> >>
> >>
> >>
> >>
> >> "Rich Lamanna" <richard.lamanna@verizon.net

Subject: Re: Farewell... and a huge thanks.
Posted by [emarenot](#) on Sat, 24 Feb 2007 17:18:45 GMT
[View Forum Message](#) <> [Reply to Message](#)

> wrote:
> >> >
> >> >
> >> >Hello, Easter greetings by the way. Hey the other day I smelled smoke
=
> >> >and heard a crinkling sound in the back of my preamp rack and later =
> >> >discovered the cause was my Presonus M80's power supply which is now =
> >> >deep fried. Well I took the supply apart and found that this dark grey
=
> >> >thing on the cuircuit board, I think it's a diode ->|, melted right off
=
> >> >of the board. Any one know what this is? I can't get a picture just
yet
> >> =
> >> >up on the net but I'll try and describe it.
> >> >
> >> >It's appx. 3/4" by 1/2" by 1/4" thick, has 4 pins on the bottom which
=
> >> >solder to the cuicut board, dark grey colored and is coded:
> >> >
> >> >-->| RS*202L
> >> >RU A 90=20
> >> >+ AC -
> >> >
> >> >Anyone of you electronics wizards know where the heck I can find one
of
> >> =
> >> >these?
> >> >
> >> >You guys are great,
> >> >Thanks
> >> >Rich
> >> >
> >> >PS. By the way I broke down and got a Myspace site now. Check it out.
> >>
>
>> [http://profile.myspace.com/index.cfm?fuseaction=3Duser.viewprofile&friend=
> >> >id=3D172230696](http://profile.myspace.com/index.cfm?fuseaction=3Duser.viewprofile&friend=id=3D172230696)
> >> >
> >> >
> >> >
> >> >
> >> ><!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
> >> ><HTML><HEAD>
> >> ><META http-equiv=3DContent-Type content=3D"text/html; =

> >> > charset="iso-8859-1">
> >> ><META content="MSHTML 6.00.2800.1555" name="GENERATOR">
> >> ><STYLE></STYLE>
> >> ></HEAD>
> >> ><BODY>
> >> ><DIV>Hello, Easter greetings by the way. Hey the =
> >> > other day I
> >> > smelled smoke and heard a crinkling sound in the back of my =
> >> > preamp
> >> > rack and later discovered the cause was my Presonus M80's power supply
> >> > which is
> >> > now deep fried. Well I took the supply apart and found that this dark
> >> > grey thing
> >> > on the cuircuit

Subject: Re: Farewell... and a huge thanks.
Posted by [Deej \[4\]](#) on Sat, 24 Feb 2007 17:26:33 GMT
[View Forum Message](#) <> [Reply to Message](#)

RU A 90
+ AC -

Anyone of you electronics wizards know where the heck I can find one of these?

You guys are great,
Thanks
Rich

PS. By the way I broke down and got a Myspace site now. Check it out.

=
<http://profile.myspace.com/index.cfm?fuseaction=User.viewprofile&friendid=172230696>

-----=_NextPart_000_0021_01C77970.EF64B0C0
Content-Type: text/html;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML><HEAD>
<META http-equiv="Content-Type" content="text/html; =

MJzNr6K3Bo1BY3/zHas3qP1dFNBtxpFujhiOEu2kbt7LHe5jtP0dL/prcrpZ
ilzmkPtMS46ta4H8wfnPUHnQkklkzO46zP9ZNEiDul43pt1NHUcXJvrL2UOL2
vn3BpDmO3f1d27Yuj6nS11ctgslkHxB7/wBpZuT0t9nUb9hbXU6zVzwQz+b+
05f0f9D9N/8AxqsBvUrcOptYaKa2FgtMgnaTtmRvdvZ/J/RocxCxGe16Lsct
THd4/q/TqyXOpb6VpBEt0n7kP6s4lmPnX2vMziXR3PDeVpZWFZU2yp7zaZJD
ncgH/qIT6M1zcvMDuRi2a+UsTIS0q7TKOt09BDfRwh4Vvx8gr/T8s4mQLB9E
6PHiFnOc4Nw4/wBESi1vhoKkA/NYf2PaGuvlqn6TLBof4rgvrxa/Arxg3kXE
SPANPuXTdG6g5p+yv9zfsAs767dHd1bpm6kA34pNjGjuPz2f5qPDraL6PNdN
63i2tbXdYMDxJjU+kT+9uG51Lv32bVv0YmXYz1K2mxmvrleDp/wLrf+kuN6
X9TvrD1ECyrHdTQ7m2726f8AFO9z12XSf8XuBjVNdl33Pu7hry1vEfRZt2o/
RD//0Oey6LWv9QndvJDWM1IH0djmj6LnfmmQcSm45TKsck2OcC4sBdoCC41h
v0tvtrYU6b0DptlpfaS+gggO3bZM+5v6lfR2+32IW/qcHF6TgM6dTW5wL26b
o/wnqP8A5P7ighCXWg2smWGojcvwDIZj3iwZGdU9tr2Nml2oAdLHHZu9Otzm
/wCD/Senb/YXOZ3Tv2Z1WpsbqHvD2EDTafgu4dQysYwyrK77mWOFjpDgBYDO
8v8AzmpDLFW67089VxWPwWCy/GeC23a70o/OY+1o/d/dS1EqAP8AZ0YxRFuP
9ZLWM6GfTuc5tpA0sJaWk/H3f21IYVzbem41VhitzS0eO4TARfrEwMx9jrGt
s0c2t9bTZE/m5Llbc1v8qv1FIYrpwBWZIZY4+cmHNViMvUCxVu9p9Vuo+mB0
bMPpWNM4r7DDS1x3uq3/AL7Xfza6mQ0mtmgH07CYPy/cYvNas2nKoNWQ413N
1qfA2H807t373561uh9S+s7sqrpzW/aa3S73mQK2j1HsryvzHO+hV63s9RPI
iMjYr+Pkt4qevbZAmYYRG08Qo35GPQx1tj21sB/PO3Vw9u55G3b/AC1PFbRk
1i6k22scSNrmlr2kfSptZHsfW76bEDqZo9arFy2MGMGuvyan8vBDsfGr9Me/
9JY+yz/rKUeXkTqVpzAbAuN1HlsqN+RXluFbWsfS9ofSfWLNIP6X3Vvy2t+
3V47W/0WpluR/OK5hZ1t/wBxcbPLQ8W2Wm4ydA6x+rf5O5cj1a1ID7Ommy62
qiWmWkrXuO1lga5zH/1P/Ua6r6nPDvq/Th2D1K3i0VmNHD1LK7P7KZzgHDED
UAr8F2SeocrqxqqtbuPttlayJl181RxKTXkZrglYcR213iS5m5qudYo2mzp9
7tWn9G/gwfdW7+s1ypdNyX3VZdVgi2qgtp8rexvH7r2+9VYDW2eRsN+6R9k
jtUOPMolYDY0Ik6TwhZ5dW+gN0/RNITpO5ojXiQrEdvqxHdutcWODx9JuoK6
BvVMCuusbXOssALpGjVzjZmDydFaqsq/aFdVolkAHw8pQukVba6z1nquLawY
1f6Jw527plL9q9Ruqrc7GNAj9l/xPj/JV+/O6ZiSLLA987WsaJR2lI9Wo3Bw
+ScdeqPo/wD/0bnR7SLbKLWlrbGiykExJj3gf1vpK7n9PyOpW1irlRWBtsp
raXSP3m+5u537/qLkGdXyXZfVrnSanpY3gQ0/RXV5Nmb1LCa7BOxj/dsb7NC
P3tP+m5Ab0k92D8PF6U11TAb8mxjnVG3a9rHR7XFn82sL7V1nGyKauuudbRY
Q0S+W1z+42vZXX/mrb6b0LNZhWPyLdtwMhkb2hsf4a783+yo/WLEZkdLura5
l12Oze7YQ+C3kHYo8nFWm3VkhV0d3kbqrs3p+U1x9aygg7nGCNpcz2+36Llj
YA3V5NbuY3R8Aur6ZRba6sUsLy+si6BzXInfu/IOWD9kOH1Plol1DXfcd7f+
rSEtfPVRH4Oe4mCwyD+XwWp9Ucy+nqhLLXMPovAg+bT/AAWXtlel4PA5V36s