

Re: DENON Home Cinema receiver to repair

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2007-05/msg01545.html>

- *From:* "Pierre-François" <pfmonet_NOSPAM@xxxxxxxxxxx>
 - *Date:* Thu, 31 May 2007 17:36:15 +0200
-

Hi Mark,

Thank you, I just sent you a direct email.

pf

"Mark D. Zacharias" <spammenot@xxxxxxxxxxxx> a écrit dans le message de
news: x2y7i.6576\$C96.5940@xx

Pierre-François wrote:

Hi Mark,

Thanks for your reply Mark, and trying to help me, here is the
symptom: At power up just after the init the protection circuit goes up
and
the power supply LED start to flash red.
I'm sure of my CABASSE speakers as they are working well on my second
AVR-2105.

pf

"Mark D. Zacharias" <spammenot@xxxxxxxxxxxx> a écrit dans le message
de news: 4Zo7i.6749\$5j1.1700@xx

Pierre-François wrote:

Hi Mark,

If I've tech qualifications? My got! Yes for
sure!
I'm engineer graduated in electronic and my
personal lab is fully
equiped from DC up to 40Ghz !
I'm also ham radio operator... F5BQP

This receiver failed for the second time,
firstly under warranty two

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years ago and just recently!
I send it for repair to DENON, but for the
third time I'll put my
noise in it otherwise it'll cost me more than
a brand new one...
DENON sent me the repair quote: 210 Euro
and last week I got the
same one on ebay for 270 Euro!...
So now I'll have two rigs and I need to find
out the
schematics/drawings for the third time...
lol...

Thanks for your post.
pf

"Mark D. Zacharias"
<spammenot@xxxxxxxxxxxx> a écrit dans
le message
de news:
f7A6i.4785\$C96.3795@xx

Pierre-François wrote:

Thanks
John, I've
tried but
nothing for
the 2105
here...
pf

"John E."
<incognito@xxxxxxxx>
a écrit dans
le message
de news:
0001HW.C27F057900601906F01826C8@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

My
DENON
AVR-2105
home
cinema
receiver
failed
for
the

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second
time
so
I
would
like
to
try
to
repair
it
myself,
as
now
it's
going
to
cost
me
more
than
a
brand
new.
Where
can
I
get
the
service
manual
with
the
drawings
for
this
rig?
Many
thanks
for
your
help.
pf

<<http://www.eserviceinfo.com>>

Enter
"AVR-2105"
and
"Denon"

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in
the
Mfg
field.
Several
manuals
come
up,
but
not
one
for
the
2105.
But
maybe
you
can
get
some
idea
from
one
of
those
manuals
how
to
diagnose
the
problem.

Good
luck,
--
John
English

So what is the receiver
doing wrong, and have you
any technical
qualifications? No
disrespect, but people often
get in over their
heads on these things.

Mark Z.

Well, you still did not answer my question – what exactly is

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the
receiver doing wrong?

And since you do possess some qualifications, I could send
you the
PDF, though their electronic service manuals aren't the best.

BTW to Malissa. I am an authorized Denon servicer, and
pretty well
versed in their surround receivers.

Mark Z.

The most likely cause would be shorted output transistors on one channel.
This is almost always accompanied on Denon's by the emitter resistors
being bad, and often the associated bias transistor. The drivers are
usually OK, but there could be a burned resistor associated with one of
them, such as 4.7 ohms, 10 ohms, etc.

You may e-mail me direct at:

mzacharias@xxxxxxxxxxxxx

and reverse the domain name. I can split the PDF service manual and send
it to you. You'll need WinRAR to re-assemble it.

Mark Z.