

Re: What kinds of IC amplifiers would Kenwood use?

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Source: <http://sci.tech--archive.net/Archive/sci.electronics.design/2007-12/msg00670.html>

- *From:* krw <krw@xxxxxxxxxx>
 - *Date:* Wed, 5 Dec 2007 17:50:39 -0500
-

In article <cJo5j.22953\$4V6.17758@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, joseph_barrett@xxxxxxxxxx says...

krw krw@xxxxxxxxxx posted to sci.electronics.design:

In article <474F7567.44F9DACB@xxxxxxxxxx>, rabbitsfriendsandrelations@xxxxxxxxxx says...

krw wrote:

rabbitsfriendsandrelations@xxxxxxxxxx
says...

krw wrote:

rabbitsfriendsandrelations@xxxxxxxxxx
says...

Jim
Thompson
wrote:

D
from
BC
<myrealaddress@xxxxxxxxxx>
wrote:

Perhaps
audio
process
the
original

Re: What kinds of IC amplifiers would Kenwood use?

CD
with
software
and
burn
a
new
'tweaked'
CD.
I'm
pretty
sure
there's
audio
apps
that
can
do
that.

Any
AM
radio
station
has
a
expander/compressor
to
keep
the
modulation
stabilized...
maybe
something
of
that
sort?

Whoooooosshhhhhhhh
!

Jim's
tenuous
grasp
on
the
real
world

Re: What kinds of IC amplifiers would Kenwood use?

is
revealed
all
over
again.

No,
radio
stations
DON'T
use
expanders
actually.
None
are
FM
stations
immune
>
from
the

habit of
compressing
the fuck out
of
everything.

Is that why
that thing
radio
stations use
is called a
"oompander"?

It isn't.

Dumb Donkey!

Dumb
donkey!

Find an example of level
expansion in this classic
example of
the beast.

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<http://www.orban.com/products/radio/am/9300/>

You pick a particular product that fits the
sky color in your
world
and want me to tell you how it works? Why
don't you just look at
what radio stations actually use?

Orban's Optimod is the very pinnacle of what radio stations
use you
ignorant fucking MORON.

Rado stations use COMPRESSORS, not expanders.

Is *THAT* why they're called "companders", DUMB donkey? Is that why
they have "up to 25db gain, DUMB donkey?

Graham

the DUMB donkey!

Just a question: Is it possible to do compression without adding gain?

I don't see why not. A compressor (audio) reduces the dynamic range
of a signal, so a circuit using a non-linear passive element could be
envisioned as a compressor.

I suppose one could even build an expander using a nonlinear element
with the opposite transfer function as the imagined compressor above.
For example, a compressor could be built out of a resistor-thermistor
divider. More power -> heat, which could be used to modify the ratio
in either direction depending on the temperature coefficient of the
thermistor. Being passive, both would have gain less than unity.

--

Keith

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