

## Re: MCE 2005 w/ Rollup 2 AND HDTV

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.mediacenter/2006-03/msg02179.html>

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- *From:* Mike <Mike@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
  - *Date:* Tue, 28 Mar 2006 08:42:04 -0800
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OK,

Let me understand, QAM comes into my house, QAM gets converted to both ATSC and NTSC after the cable box. Theoretically, if I took the DVI (or component) out from the cable box, and ran it in to a DVI (or component) in on my MCE box – we'd have HD to MCE – then if I output Through DVI to my TV – I, in theory now, have HD on my tv, through MCE.?? (of course knowing that my graphics card or PVR card isn't limiting the ATSC feed)?

So in summary, since I cannot find a PVR Card that supports component cables or DVI, (grrr), (let me know if you know of one), I cannot get HD out of Cable?

–mike

"JW" wrote:

All of the SD cable channel inputs are in NTSC(480i) format both analog and digital. The HD channel inputs are in ATSC resolutions transmitted via QAM which is not the same as ATSC

There is no requirement that any Cable or Satellites companies transmit IAW ATSC RF standards since they are not transmitting using an antenna with FCC assigned frequencies.

An NTSC tuner can only receive NTSC standard analog RF channels(2–99) which can come by antenna or by analog cable.

An ATSC tuner can only receive MPEG2 encoded/compressed digital RF channels. When your comcast sends output to your TV in Component or DVI/HDMI it is sending decoded/uncompressed HD video and part of the signal using these transports tell the TV what resolution it is receiving.

Yes a COAX cable can carry either NTSC or ATSC RF signals but if the receiving end tuner will receive they type of signals it is designed for just as a telephone line can transmit any language, however if the listener does not understand Russian the talker can not speak Russian and be understood.

"Mike" <Mike@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message

Re: MCE 2005 w/ Rollup 2 AND HDTV

news:35D20798-B96A-4864-8BD6-08AFBFF33863@xxxxxxxxxxxxxxxxxxxx

So I guess the bottom line is, after the comcast box, (through component OR through coax) the format is NOT ATSC (correct?) so Windows XP Media Center Edition will NOT interpret? Is that correct? How does my TV know that the feed is HD then. I thought ATSC was the new digital standard that the US is pushing and all should conform. If that is the case, in what format does Comcast HD come in as (my TV ONLY tells me that 720p is coming in directly from the comcast box and NOT the format) I had assumed that the cable box just doesn't have a HD Tuner on the coax out. But Coax should carry HD (especially in the form of ATSC OTA) Confused...?

"GBK" wrote:

it outputting 480i thru coax from your comcast box then you have a non HD card so it only accepts 480i NTSC format. the problem isn't so much that MCE won't support HD from Cable but more so that the cable conglomerate didn't allow to build cards that can tune HD Cable. MCE can handle HD (ATSC format -- over the air only) res etc you just don't have a card that will supply it in that format. There is no cards available that will let you do this at this point... Microsoft Vista will have the ability to use a new card that should come out in the same time frame but at this point it's unclear that you will be able to buy it as an addon to your current pc.. From what I understand it will only work with Vista and will only come on "certified" by Cable Labs computers.

"Mike" <Mike@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
news:4A838030-25BE-4773-BC13-A1F9CDA4A9E3@xxxxxxxxxxxxxxxxxxxx

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Thanks Roy.

I don't understand why not though... unless the format is different for

HD feeds.

When I choose a HD channel, I do get the feed, but it comes at 480i.

That tells me that the feed "should" pass through... ??

What does the comcast box / hd tuner directly to the tv do that media center won't understand?

Thanks

"Roy" wrote:

Mike,  
MCE 2K5 only supports Over the Air HD, so the comcast HD won't work though your Media Center. However, it will work on an HD tuner connected directly to an HD TV. Hope this helps/

"Mike" wrote:

Hopefully I don't piss off too many people with this question (I did search a bit before sending this, however the results that I found seem old)

Re: MCE 2005 w/ Rollup 2 AND HDTV

So as of  
3.27.06, can  
I get HDTV  
(from  
Comcast –  
through  
their HD  
Conversion  
box) passed  
through  
MCE 2005,  
to my TV  
–(channels  
changed  
using IR  
Blaster).  
The biggest  
problem  
that I see at  
this point is  
losing it  
from the  
Comcast  
box, going  
to the PC  
running  
MCE. The  
PC has the  
Hauppauge  
500 with  
1  
coaxial  
input, 1  
svideo  
input, and 1  
composite  
input – all  
that  
"aren't  
HD".  
Is there a  
PVR type  
card that  
will keep  
integrity of  
HD the HD  
feed?  
I currently  
have the  
Comcast

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HD box  
connected  
to MCE  
with  
Coaxial  
cable,  
however the  
Motorolla  
box (I  
believe)  
doesn't  
support HD  
from the  
Comcast /  
Motorolla  
coaxial  
OUT. ??  
This, I  
believe, is  
where I am  
losing HD  
feed