

Hi,

I've started to program a web interface to the Onkyo Receiver. Pictured is the 1st interface i made (i only got my Onkyo a few days)

Now adding a big list of commands i found in a list.

You can compile your own interface just by editing a csv file (comma separated values) (hundreds of commands for most Onkyo systems)

eISCP (Integra Serial Control Protocol over Ethernet) using apache, php

Anyone interested in testing?

Anyone got a list of 1007 specific commands, or a updated list of the excel file containing the codes? (named binding.xls or rs232Rcvr\_2008.xls on the internet) (i've got 30 june 2008 v1.11)

henri



Last edited: Nov 2, 2009



Active Member

Oct 27, 2009

**~ #**2

Hi fashice,

I don't think to many people actually have this receiver yet, and if so, they are too busy playnig with it.

Question: Why would you want a web-interface? Are you planning on accessing the unit remotely?

F	fashice Standard Member

Oct 27, 2009

**~ #**3

Hi,

It's not only for a 1007 version

These types should also work: TX-DS989

**TX-DS787 TX-DS797 TX-DS898 TX-NR900 TX-NR901 TX-SR702 TX-NR1000 TX-NR5000 ETX-NA1000 TX-SR703 TX-SR803 TX-SR804 TX-SR805 TX-SA805 TX-SR875 TX-SA875 TX-NR905 TX-NA905 PR-SC885 TX-SR705 TX-SR706 TX-SA706 TX-SR806** TX-SA806 TX-SA706X **TX-SR876 TX-SA876 TX-SA806X PR-SC886 TX-NR906 TX-NA906** TX-NA906X

+ other iscp (eiscp) enabled receivers

I liked to be able to control my receiver using a webinterface so a can control volume/soundmodes/etc using a browser on my laptop or mobile/pda by wifi. (around the house ... think multizone .. so when i'm not near enough using my ir-remote controlling my receiver )

And it's faster than using several keys on my remote.

Cheer	S,	
Henri		
С	ctlu008 Standard Member	
Oct 28,	2009 ح	S #4
side of expension conne Java a Java a various n tryir	d be interested in testing it. I have a TX-NR 3007 hooked up to speakers in a bedroom on the c is a large home. The home is fully wired for ethernet with wireless as well. Instead of buying into sive and proprietary way of controlling the receiver remotely I intend to use an Apple iPod toucl cted wirelessly to my home network to control the receiver from the bedroom. I intended to writ applet but really any way to access it via the web interface would suffice as long as it supports t is command options. Ing out the program that was posted in a TX-NR 905 forum it worked on a PC. It just didn't support of the commands. Was able to turn it on / off and a few other basic things.	an n e a he
Onkyo 1	TX-NR 3007, Polk Audio SDA-1A	
F	<b>fashice</b> Standard Member	
Oct 28,	2009 ๙	3 #!
Downl	oad link send to ctlu008 kaisersotze and mccltd	
	e know if it works for you.	
IIStalla	ation instructions included in zip file	
4	Last edited: Oct 30	, 200
K	KaiserSotze Standard Member	
Oct 28	2009 مح	3 #(
JUL 20,	b be interested in testing this out. Have a TX-NR807 here.	
	-	

Oct 30, 2009

**~~**#7

I would also be interested.

M Mali Standard Member

Oct 30, 2009

**~°**#8

I would be interested too. I have just bought an TX-NR807. I have managed to send commands using a perl script, but there are many open questions. I have asked Onkyo support for an upated list of commands, but did not get a response yet.

Are there commands to control a tv set through HDMI-CEC? Powering up would be sufficient for me at the moment.

Tschüss,

Mali

- <b>F</b>	fashice	
F	Standard Member	
Oct 31,	2009	ళి #9
I'll sen	nd ya the download link in a minute	
look a	t the xls file for commands	
	kobza	
K	Standard Member	
Nov 1, 2	2009	~~ #10
Nov 1, 2 Hi	2009	ళి #10
	2009	ళి #10
Hi I have	e the Onkyo 807 and I am also interested on the WebInterface.	م\$ #10
Hi I have		<b>ح</b> #10
Hi I have Can ye	e the Onkyo 807 and I am also interested on the WebInterface. You send me the link also.	ح\$ #10
Hi I have Can ye Thank	e the Onkyo 807 and I am also interested on the WebInterface. You send me the link also.	ح\$ #10
Hi I have Can ye	e the Onkyo 807 and I am also interested on the WebInterface. You send me the link also.	<b>ح</b> #10
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Hi I have Can yo Thank Kobza	e the Onkyo 807 and I am also interested on the WebInterface. rou send me the link also. (S a II_cool_j Standard Member 2009	

more comfortable and seems to have more options.

So please, let me join your new project

amanbindal Δ Standard Member Nov 2, 2009 **∝** #12 Hi, Even I am intrested in testing this application. This is a gr8 App, Let me know if you can include me in this project. I can contribute to the coding and testing. I am commecial IT consultant.

I will look forward to your email.

### Thanks, Aman

craig1n Standard Member

Nov 5, 2009

ኆ #13

Hi, i would be really interested in trying this out. I have the 906 and it is fully networked as I use the network feature all the time for playing music. The interface would be really nice if it could controll the play of music over the network. The controlls need only be the same as using the the remote ie start stop and next track etc.



Download @ http://www.fash.nu/iscp/iscp.zip

enjoy ...

stuff to do : fixing a better volume slider, reading status from receiver and preset/tuning entries (whenever i have more time)

craig1n look at the NTC commands

For people trying this : Let me know if it works, and on which receiver. Also for people trying this on windows .. let me know

	Cheers, Hengi Aanstoot					
C	craig1n Standard Member					
Nov 6, 20	009	æ	#15			
	onfirm this is working on a 906 and with vista 32bit. 🤤 How cool would it be now if it would y iphone.	d wo	ork			
F	fashice Standard Member					
Nov 6, 20	009	æ	#16			
-	ed 204.php for xampp/windows users a bigger cmds.csv example					
enjoy						
thanks	craig1n for letting me know it works					
C	craig1n Standard Member					
Nov 6, 20	009	æ	#17			
Now w	orks with my iPhone.					
S	Simon Gales Standard Member					
Nov 7, 20	009	æ	#18			
This is	great stuff - I now have zone2 controls via a browser (zone2 is my patio/pool area).					
I have	a TX-NR1007, and use IE8 from WinXP. Works perfectly.					
-	lestion - the following trick doesn't work on the iPhone (Safari) - clicking any button leaves 204.php page:	me	on			

Code:
// trick browser into staying on same page
header("HTTP/1.0 204 No Response");

**Craig1n** - how did you get this working on the iPhone? I can send commands no problem, but always end up on a blank 204.php page.

Anyone remember enough html code to know how to make this work in Safari?

Many, many thanks, -Simon infinite\_loop Active Member ኆ Nov 8, 2009 #19 Would anyone be so kind as to do an "idiots guide" to setting this up? I have macs and an iPhone, and an 807 but lack basic html knowledge! craig1n Standard Member Nov 8, 2009 ኆ #20 One question - the following trick doesn't work on the iPhone (Safari) - clicking any button leaves me on a blank 204.php page:

Code:
<pre>// trick browser into staying on same page header("HTTP/1.0 204 No Response");</pre>

**Craig1n** - how did you get this working on the iPhone? I can send commands no problem, but always end up on a blank 204.php page.

Anyone remember enough html code to know how to make this work in Safari?

Many, many thanks, -Simon[/QUOTE]

That is what happens on my iPhone too. I just press the back button for now.

S Simon Gales Standard Member Nov 8, 2009 ¢ #21 craig1n said: ① Done question - the following trick doesn't work on the iPhone (Safari) - clicking any button leaves me on a blank 204.php page: https://www.avforums.com/threads/onkyo-tx-nr-1007-webinterface-programming.1107346/ 7/19 Code:

#### Click to expand...

I fixed it by using a meta-refresh tag in 204.php (instead of the "No Response" header), here's what my version looks like now:

```
Code:
<?php
// Henri Aanstoot
// Onkyo Reciever Web Interface 2009
// Version 0.6b - 23 Oct 2009
// EDIT THIS
$receiveripnumber="192.168.0.243";
$receiverlistenport="60128";
// maximum to set volume (0-100)
$volumemax=40;
// ---- NO EDITING BELOW THIS LINE
[B]// trick browser into staying on same page[/B]
[B]// header("HTTP/1.0 204 No Response");[/B]
// write to Receiver
$fp = pfsockopen($receiveripnumber, $receiverlistenport, $errno, $errstr, 30);
//get command from post form
$command=$ POST['cmd'];
//get volume if cmd is numeric
if(is_numeric($command))
 {
if ($command > $volumemax) { $command=$volumemax; }
echo $command;
  $vol=str_pad(dechex($command), 2, '0', STR_PAD_LEFT);
  $command="!1MVL$vol";
 }
// Calculate header and datapacket lengths
$length=strlen($command);
```

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This worked fine with WinXP/IE8, WinXP/Firefox3, as well as iPhone/Safari.

#### -Simon

S

Simon Gales Standard Member

Nov 8, 2009

**~ #22** 

#### infinite\_loop said: ①

Would anyone be so kind as to do an "idiots guide" to setting this up? I have macs and an iPhone, and an 807 but lack basic html knowledge!

```
So I rarely touch Mac/OSX, so this is a little sketchy...
```

1) Setup a webserver. It appears that OSX already has Apache/PHP, see Using Apache and PHP on Mac OS X to activate them both.

2) Unzip the iscp.zip into it's own directory. From the above link, I'd bet /Users/yourusername/Sites/ would be a good choice.

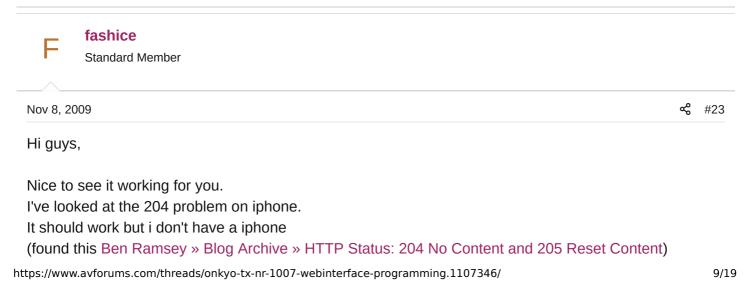
3) Now edit the 204.php file and put your receivers IP address and port# in there (see the comments near the top).

```
Code:
<preceiveripnumber="192.168.0.243";</pre>$receiverlistenport="60128";
```

4) Fire up a web browser on the same Mac, and surf to "http://localhost/~yourusername". If that works, then try...

5) From your iphone, replace "localhost" with the ip-address of your Mac - i.e. http://192.168.0.24/~yourusername. (this is assumming that your iphone is using your home's wireless network).

#### -Simon



i've made a change to the 204 script, it now (probably) detects a iphone and reverts to the meta-refresh workaround. (see simons post)

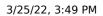
Thanks for everyone helping each other out, i'm quite busy ...

Henri

Ps: working on status reading right now. But still don't know if i want to use ajax for this.

Nov 9, 2	2009	<b>~~</b> #24
The ne workar		y basic level of programming so thanks for the
Ρ	<b>phpize</b> Standard Member	
Nov 13,	2009	<b>~</b> #25
The Ja	written the code and added the capbality for sta ava-Script for the volume is not implemented ye cmds.csv, you can make status entries:	
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The Ja In the o Code stat In the s	ava-Script for the volume is not implemented ye cmds.csv, you can make status entries: :: :: :: :: :: :: :: :: :: :: :: :: :	et.
The Ja In the o Code stat In the s Code !1ZP	ava-Script for the volume is not implemented ye cmds.csv, you can make status entries: :: :: :: :: :: :: :: :: :: :: :: :: :	et.
The Ja In the o Code stat In the s Code !1ZP !1ZP	ava-Script for the volume is not implemented ye cmds.csv, you can make status entries: cus,!1PWRQSTN,Power stati.cv, you can translate the output to user frie w00, <font color="red">0FF</font>	et.
The Ja In the o Code stat In the s Code !1ZP !1ZP	ava-Script for the volume is not implemented ye cmds.csv, you can make status entries: :: :: :: :: :: :: :: :: :: :: :: :: :	et.

Replies: 198 · Sep 12, 2010



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