

Require unlock code for Pioneer Plasma Receiver PDP-R05G trap switch ? (reposted)

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.repair/2006-02/msg01380.html>

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  - *Date:* 21 Feb 2006 02:24:25 -0800
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Hi all,

I didn't find what i was looking for the last time i posted this one so here i go again. My customer is getting impatient.

Beware folks, turns out pioneer is booby trapping their products these days. You get the top cover off, you see a "case open switch" which opens once the top's off. If you now power up the set, with the switch open, your unit gets "locked". Both standby and power on l.e.d.s glow together and this state is listed in the service manual as "trap switch

operation" under the LED-lighting patterns/error codes section. A little googling led me to this post.....

[http://www.freelists.org/archives/tv\\_repair\\_help/02-2005/msg00000.html](http://www.freelists.org/archives/tv_repair_help/02-2005/msg00000.html)

"When servicing Pioneer products such as Plasma and Projection units. Be sure the set is unplugged before removing the back cover. There is a trap switch that will open and if the unit is powered up. The set will go into copyright protection mode. Nothing will work again until a unlocking process is done. Each unit has a different process to follow to restore operation. Beware!"

The service manual explains it so.....

For video data transmission from the Media Receiver to the PDP-434HD and PDP-504HD-series Plasma Displays, digital signals are used.

Therefore, this unit adopts the HDCP (High-bandwidth Digital Content Protection) system for copyright

protection. This unit is also provided with a detection switch (TRAP switch) that will prohibit the unit from being turned on again "if the upper plate of the unit is accidentally opened," in order to prevent the panel technology from being leaked out.

The TRAP switch is disabled while the unit is turned off. When performing internal diagnosis of the PDP, fix the switch to the OFF position using adhesive tape before turning on the unit. After servicing, be sure to remove the adhesive tape.

Well you've probably guessed what my next question is.....How do i

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unlock this receiver?. I'm told that it's simply a matter of keying in 3 buttons of the remote in a defined sequence. I have the service manual but it doesn't say much about unlocking.

Imploringly yours,  
Jango

(And of course i have to repost this interesting response i got from Captain Napalm ;

"The next generation of Blu Ray players will be equipped with powerful explosives that will kill everybody in sight if the unit detects possible tampering or if someone puts a DVD+R in it." )

( I ought to include a reply from John-Del which sheds light on a similar ploy by JVC;

"Sorry I don't have the info you need, but this is similar to what JVC

does. They use a photocell to kill the DVI board if light hits it (as

in the backboard removed). The TV continues to work, but not in HD.

What I don't understand (besides the obvious) is how these booby traps

protect the manufacturer. If anyone has the skills to hack these,

they might be able to develop the skills necessary to bypass the Pioneer's switch, or put black tape over the JVC's photocell.

John ")

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