

Bill Production Softwares

Documentation: 20/03/2010

Bill Redirect Software

How control any Windows programs with an Infrared *Remote Control*



USB CELADON RCV-3000 Infrared Receiver

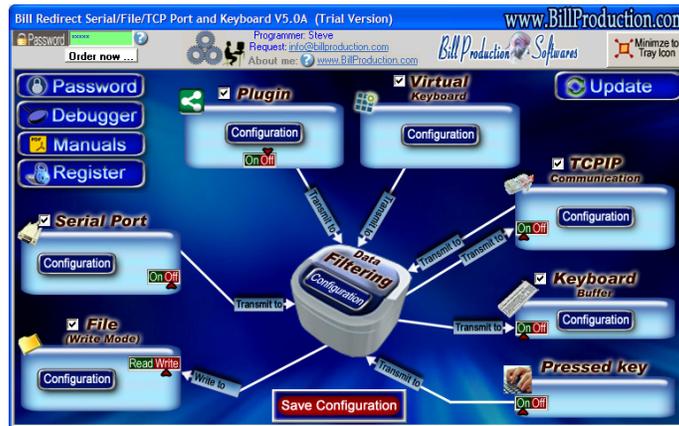
This Infrared Receiver recognize six of the most popular infrared code protocols used in infrared remote controls: **NEC, RC5, Sony, Mitsubishi, Toshiba, Matsushita** and any universal remote which can emulate one of these protocols.

Retail price: 49.95\$ USD (Approximately)

You must buy the USB RCV-3000 hardware directly from: www.celadon.com

* You can order your RCV-3000 by phone: (408) 292-1755

* You can order your RCV-3000 by email: mgriswold@celadon.com



Use this documentation with the product : Bill Redirect 7.0B or more



To control any Windows programs with your iPod touch, iPhone or iPad use this link:
<http://www.billproduction.com/iPod iPhone iPad TCPIP Remote Control/index.html>

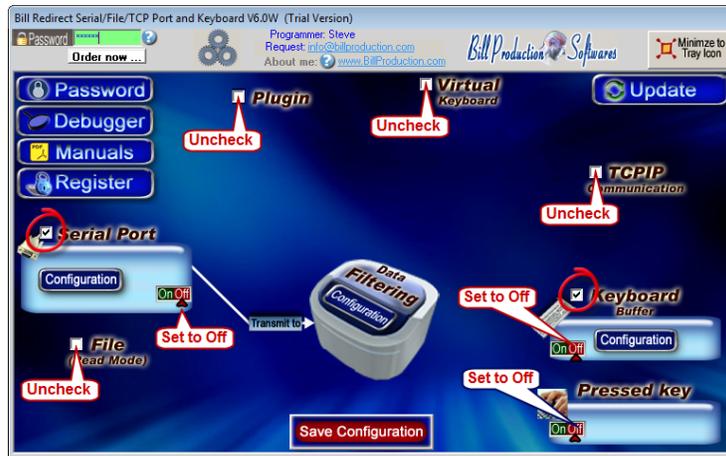


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Submit your case to info@billproduction.com
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Our Internet site: <http://www.billproduction.com/>

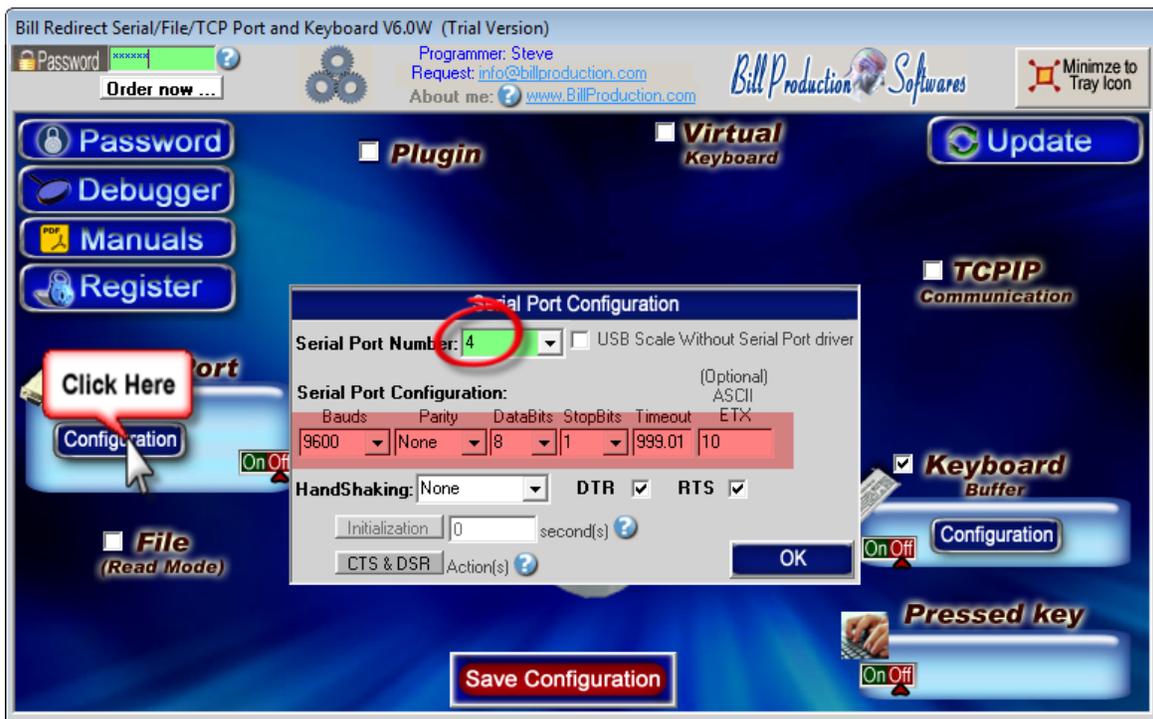
Email: info@BillProduction.com

Step #2



Disable all except the **Serial Port** and **Keyboard Buffer** section.
Set to **OFF** Serial Port, Pressed key and Keyboard Buffer switches.

Step #3



Click on button: **Configuration**.

Enter the **Serial Port Number** that was assigned to your RCV-3000 Infrared USB Receiver.

** You can press the pulldown button to see the serial ports available.*

Use this configuration:

Bauds: 9600	Parity: None	DataBits: 8	StopBits: 1	Timeout: 999.01	ETX: 10
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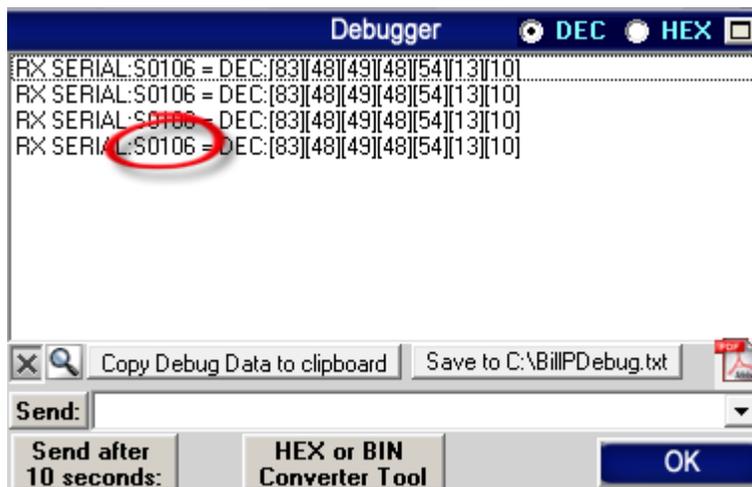
Step #4 (found keys mapping)



Click on button: **Debugger**



Point an infrared remote control to the “Infrared Receiver” and press a button on the remote control.



At this moment if your remote brand is compatible with the receiver then you should see one or several lines appear in the Debugger.

In our example I did the test with a Sony TV remote control and the button key “7” on the remote.

Take in note the code that corresponds to the button pressed on the remote.

The Code is between “RXSERIAL:” and “= DEC:” in our example screenshot the code is **S0106**

Step #5 (Add keys action)



Click on: **Configuration**



Click on button: **ADD**

In the field "Search" enter: **S0106**

**The string S0106 is the code took in note before.*

**Replace the code S0106 by your noted code.*

In the field "**Replace by**" enter the action you want for that key: **{TX_KEYB[7{ENTER}]}**

**You can replace the sequence 7{ENTER} by the action you want*

Example to simulate the hot key ALT Z use this syntax: {TX_KEYB[{ALT}z]}

Example to move the mouse cursor to the left use this syntax:

{MOUSE_ACTION[-500, 0,CURRENT,NO_ACTION]}

Example to simulate Left Arrow use this syntax: {TX_KEYB[{LEFT}]}

Example to simulate 7 TAB in a specific application use this syntax:

{APP[my application]}{TX_KEYB[7{TAB}]}

Enter the title of the window where you want redirect the data

** You can enter just a part of the title, for example if the title is "my application software" you can enter just a part of the title for example: my application*

To see all possible keyboard actions please consult the software manual

http://www.billproduction.com/Bill_Redirect_Manual.pdf

**Section: POSSIBLE COMMANDS SECTION (continuation) Keyboard buffer output, possible values)*

**You can also with a remote control and Bill Redirect software:
Control: File, TCP, UDP, Excel, Display information and more !**

To define supplemental infrared remote key re-do the step #4 and #5



Click on button: **Save Configuration**

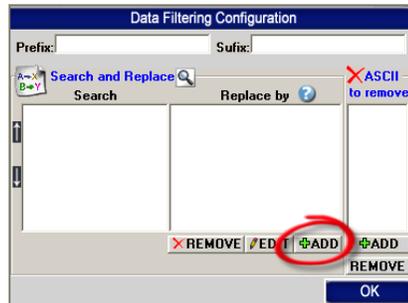
TEST

Optional Step #6 (Do this step if your remote use the protocol NEC)

The NEC protocol may also use a "simple repeat" code for a key that is held down (indicates the same infrared code is being sent repeatedly). The simple repeat format is: "**N!**", where "**N**" is the NEC identifier and "**!**" is the simple repeat command.



Click on: **Configuration**



Click on button: **ADD**

In the field "Search" enter: **N!**

In the field "**Replace by**" enter the action you want for that key: **LST_TXCMD**

To add a key that should **not be repeated** use the command **{TX_LSTCMD[]}**:

Example:

Click on button: **ADD**

In the field "Search" enter: **N6E9109**

**The string N6E9109 is the code took in note before.*

**Replace the code N6E9109 by your noted code.*

In the field "**Replace by**" enter the action: **{TX_KEYB[{}z]}{TX_LSTCMD[]}**



Click on button: **Save Configuration**

TEST

For more documentation visit:



<http://www.billproduction.com/documentation.html>



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