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Sony RS232 Codes

All codes sent are in **HEX** format.

(Sending the below commands as ASCII characters will not work, codes must be sent as HEX)

Command	Code (HEX)	Alternate HEX Representation
Enable Standby (Must be sent while TV is on to enable RS232 control)	8C 00 01 02 01 90	\x8C\x00\x01\x02\x01\x90
Power On	8C 00 00 02 01 8F	\x8C\x00\x00\x02\x01\x8F

Power Off	8C 00 00 02 00 8E	\x8C\x00\x00\x02\x00\x8E
Volume Up	8C 00 05 03 00 00 94	\x8C\x00\x05\x03\x00\x00\x94
Volume Down	8C 00 05 03 00 01 95	\x8C\x00\x05\x03\x00\x01\x95
Mute Toggle	8C 00 06 02 00 94	\x8C\x00\x06\x02\x00\x94
Info (Display)	8C 00 0F 02 00 9D	\x8C\x00\x0F\x02\x00\x9D
Input HDMI 1	8C 00 02 03 04 01 96	\x8C\x00\x02\x03\x04\x01\x96
Input HDMI 2	8C 00 02 03 04 02 97	\x8C\x00\x02\x03\x04\x02\x97
Input HDMI 3	8C 00 02 03 04 03 98	\x8C\x00\x02\x03\x04\x03\x98
Input HDMI 4	8C 00 02 03 04 04 99	\x8C\x00\x02\x03\x04\x04\x99
Action Menu	8C 00 67 03 97 36 C3	\x8C\x00\x67\x03\x97\x36\xC3
Up	8C 00 67 03 01 74 6B	\x8C\x00\x67\x03\x01\x74\x6B
Down	8C 00 67 03 01 75 6C	\x8C\x00\x67\x03\x01\x75\x6C
Right	8C 00 67 03 01 33 2A	\x8C\x00\x67\x03\x01\x33\x2A
Left	8C 00 67 03 01 34 2B	\x8C\x00\x67\x03\x01\x34\x2B

Enter (OK)	8C 00 67 03 01 65 5C	\x8C\x00\x67\x03\x01\x65\x5C
Return (Back)	8C 00 67 03 97 23 B0	\x8C\x00\x67\x03\x97\x23\xB0
Home	8C 00 67 03 01 60 57	\x8C\x00\x67\x03\x01\x60\x57

Your control system syntax for sending **HEX** may vary.

For example, in RTI, hex codes are sent using a \x in front of each HEX character.

From the code list above, the 'Power On' command in RTI would look like this:

\x8C\x00\x00\x02\x01\x8F

For testing or demonstration purposes, a Docklight Scripting project file with the above commands is attached to this Knowledge Base article. The Docklight Scripting program is available for download here:

http://www.docklight.de/download/Docklight_Scripting.zip

(http://www.docklight.de/download/Docklight_Scripting.zip)



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Attachments

RS232_XBR5_protocol.pdf

(https://hf-files-oregon.s3.amazonaws.com/hdpjustaddpower_kb_attachments/2016/04-20/ab25a088-38d8-41a8-a136-fabda0005a1e/RS232_XBR5_protocol.pdf)

FY15_BRAVIA_RS232C_Protocol_Manual_1.00.docx

(https://hf-files-oregon.s3.amazonaws.com/hdpjustaddpower_kb_attachments/2016/04-20/97e3e792-07f4-4f95-9b92-bf8591ba5b7c/FY15_BRAVIA_RS232C_Protocol_Manual_1.00.docx)

Sony RS232 Codes.ptp

(https://hf-files-oregon.s3.amazonaws.com/hdpjustaddpower_kb_attachments/2016/04-20/e0c4cca3-282a-4907-8512-a0a6eeff4fa8/Sony%20RS232%20Codes.ptp)

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