

RS 232 Control codes for SunbriteTV outdoor TV's

Final December 21 2007

SunbriteTV.com email: support@sunbriteTV.com

SB3210-HD

RS232 using 1/8 inch stereo jack

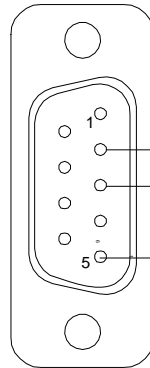
It is recommended to wait for the command executed response before sending another command to the SunbriteTV SB-3210HD

Function	Command from control system to TV		Command Received Response from TV to control system	Command Executed Response from TV to control system
	ASCII	HEX		
Get Firmware Version #	[ESC]?	1B 3F	[B3210-HDverX.X]	na
Power ON	[ESC]A	1B 41	[A]	[PWRON]
Power OFF	[ESC]B	1B 42	[B]	[PWROFF]
Select Tuner Input	[ESC]C	1B 43	[C]	[TN1]
Select Composite 1 Input	[ESC]D	1B 44	[D]	[CV1]
Select Svideo 1 Input	[ESC]E	1B 45	[E]	[SV1]
Select Component 1 Input	[ESC]F	1B 46	[F]	[HD1]
Select VGA Input	[ESC]G	1B 47	[G]	[VGA]
Select VGA Component Input	[ESC]H	1B 48	[H]	[VGA C]
Select HDMI Input	[ESC]I	1B 49	[I]	[HDMI1]

SB4600-HD

Function	Command from control system to TV		Command Received Response from TV to control system	Command Executed Response from TV to control system
	ASCII	HEX		
Get Firmware Version #	[ESC]?	1B 3F	[B4600-HDverX.X]	na
Power ON	[ESC]A	1B 41	[A]	[PWRON]
Power OFF	[ESC]B	1B 42	[B]	[PWROFF]
Select Tuner Input	[ESC]C	1B 43	[C]	[TN1]
Select Composite 1 Input note: selecting this input will toggle between composite and svideo	[ESC]D	1B 44	[D]	[CV1]
Select Component 1 Input	[ESC]F	1B 46	[F]	[HD1]
Select VGA Input	[ESC]G	1B 47	[G]	[VGA]
Select HDMI Input	[ESC]I	1B 49	[I]	[HDMI1]
Mute Volume	[ESC]X	1B 58	[X]	[MUTE]
Volume Up	[ESC]Y	1B 59	[Y]	[VOL+]
Volume Down	[ESC]Z	1B 5A	[Z]	[VOL-]

DB9F, Typical
PC Serial / Control System
RS232 port.



1/8" Stereo Plug

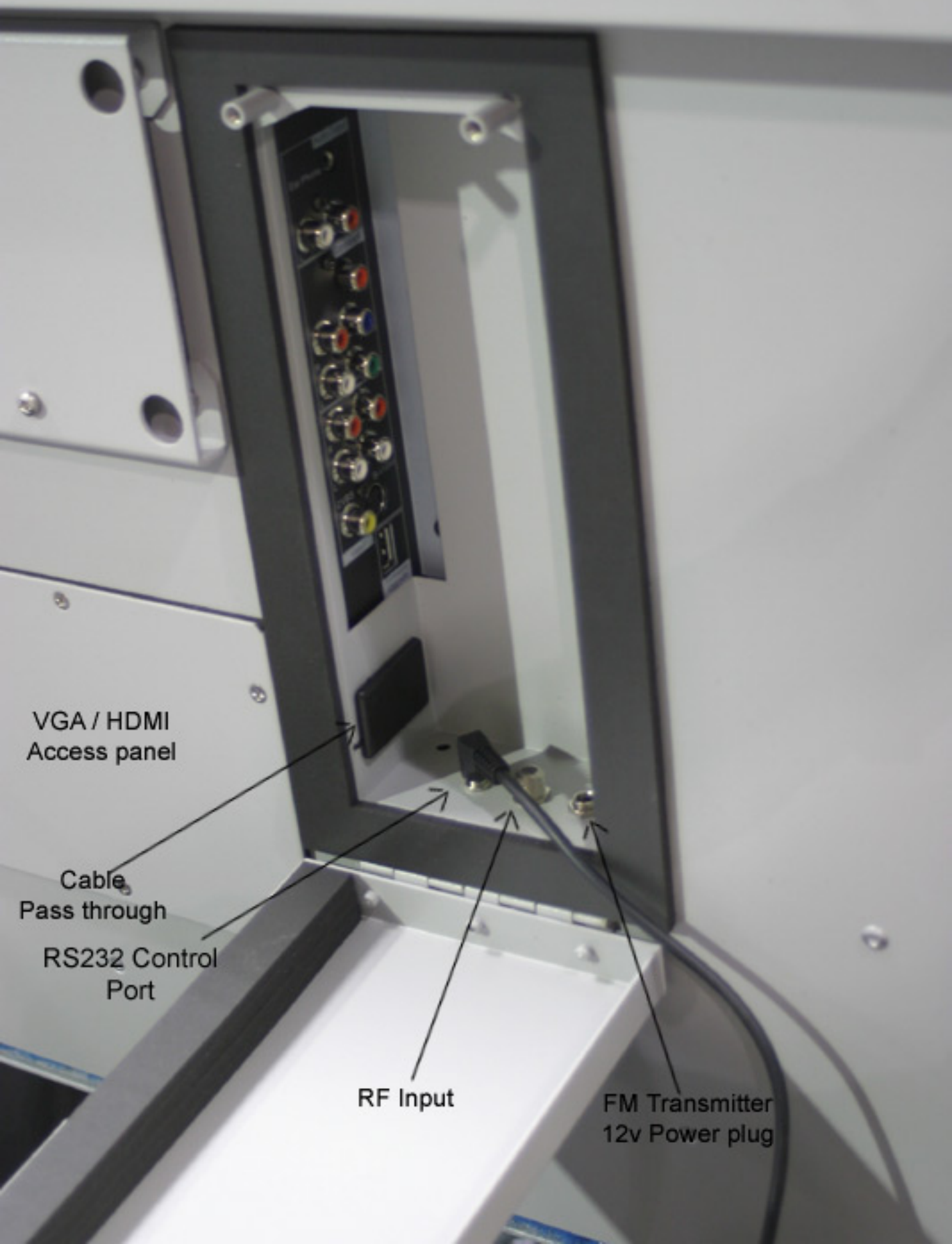


Com Specs: 9600 baud 8 data, 1 stop, no parity

Ground
Rx Data
From control
system
Tx Data
to control
system

		SunbriteTV RS232 Control Cable			
July 17 2007 Preliminary		SIZE	FSCM NO	DWG NO	REV A1
		SCALE		SHEET	1 OF 1

Sunbrite SB3210



VGA / HDMI
Access panel

Cable
Pass through

RS232 Control
Port

RF Input

FM Transmitter
12v Power plug

Sunbrite SB4600

RS232 Control
Port

FM Transmitter
12v power plug

