

Partner: Samsung
Model: L200
Device Type: Video/Data Projector



GENERAL INFORMATION:

SIMPLWINDOWS NAME:	Samsung L200 v1.0.umc																
CATEGORY:	Video/Data Projector																
VERSION:	v1.0																
SUMMARY:	This module allows controlling the Samsung Video/Data Projector L200 through RS-232.																
GENERAL NOTES:	This module allows controlling the Samsung Video/Data Projector L200 through RS-232.																
CRESTRON HARDWARE REQUIRED:	2-Series processor with a RS-232 connection.																
SETUP OF CRESTRON HARDWARE:	RS-232 Baud:9600 Parity: N Data Bits: 8 Stop Bits: 1																
VENDOR FIRMWARE:	N/A																
VENDOR SETUP:	Pro2 processor connected to the RS-232 port on the L200 with the supplied cable from the projector.																
CABLE DIAGRAM:	<p>The diagram shows a cable with a P1 female connector on the left and a P2 stereo plug on the right. The P1 connector has pins 1, 2, 3, 4, and 5. The P2 plug has pins 1, 2, and 3. The wiring connections are as follows:</p> <table border="1"> <thead> <tr> <th>P1</th> <th>Function</th> <th>P2</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Rx</td> <td>1</td> <td>Tx</td> </tr> <tr> <td>3</td> <td>Tx</td> <td>2</td> <td>Rx</td> </tr> <tr> <td>5</td> <td>Gnd</td> <td>3</td> <td>Gnd</td> </tr> </tbody> </table>	P1	Function	P2	Function	2	Rx	1	Tx	3	Tx	2	Rx	5	Gnd	3	Gnd
P1	Function	P2	Function														
2	Rx	1	Tx														
3	Tx	2	Rx														
5	Gnd	3	Gnd														

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CONTROL:

Power	D	Pulse to enter the power menu.
Power Ok	D	Pulse to select OK in the power menu.
Power Cancel	D	Pulse to select Cancel in the power menu.
Volume Up	D	Pulse to increase the volume.
Volume Down	D	Pulse to decrease the volume.
Volume Mute	D	Pulse to mute the volume.
Blank On	D	Pulse to blank the video output.
Blank Off	D	Pulse to turn off the blank output.
Input AV	D	Pulse to select the AV input.
Input S-Video	D	Pulse to select the S-Video input.
Input PC1	D	Pulse to select the PC1 input.
Input PC2	D	Pulse to select the PC2 input.
Input HDMI	D	Pulse to select the HDMI input.
Picture Mode Standard	D	Pulse to select the standard picture mode.
Picture Mode Presentation	D	Pulse to select the presentation picture mode.
Picture Mode Text	D	Pulse to select the text picture mode.
Picture Mode Movie	D	Pulse to select the movie picture mode.
Picture Mode Game	D	Pulse to select the game picture mode.
Picture Mode User	D	Pulse to select the user picture mode.
Picture Save	D	Pulse to Save.
Picture Ok	D	Pulse to select Ok.
Picture Cancel	D	Pulse to select cancel.
Picture Reset	D	Pulse to reset.

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Picture Size Normal	D	Pulse to select the normal picture size.
Picture Size zoom1	D	Pulse to select the zoom1 picture size.
Picture Size zoom2	D	Pulse to select the zoom2 picture size.
Picture Size 16 9	D	Pulse to select the 16:9 picture size.
PC Auto Adjust	D	Pulse to auto adjust PC signal.
Picture Zoom Left	D	Pulse to Zoom left.
Picture Zoom Right	D	Pulse to zoom right.
Picture Zoom Up	D	Pulse to zoom up.
Picture Zoom Down	D	Pulse to zoom down.
Picture Move Left	D	Pulse to move left.
Picture Move Right	D	Pulse to move right.
Picture Move Up	D	Pulse to move up.
Picture Move Down	D	Pulse to move down.
Test Pattern	D	Pulse to turn on the test pattern.
Test Pattern Off	D	Pulse to turn the test pattern off.
Sleep Off	D	Pulse to turn the sleep timer off.
Sleep 10	D	Pulse to turn the sleep timer to 10min.
Sleep 20	D	Pulse to turn the sleep timer to 20min.
Sleep 30	D	Pulse to turn the sleep timer to 30min.
Contrast Up	D	Pulse to increase the contrast with 5.
Contrast Down	D	Pulse to decrease the contrast with 5.
Brightness Up	D	Pulse to increase the brightness with 5.
Brightness Down	D	Pulse to decrease the brightness with 5.
Sharpness Up	D	Pulse to increase the sharpness with 5.

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Sharpness Down	D	Pulse to decrease the sharpness with 5.
Color Up	D	Pulse to increase the color with 5.
Color Down	D	Pulse to decrease the color with 5.
From Projector	S	To be connected with the RX\$ output of the serial port, connected with the projector.

FEEDBACK:

To Projector	S	To be connected with the TX\$ input of the serial port, connected with the projector.
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TESTING:

OPS USED FOR TESTING:	PRO2 4.001.1011 (Feb 10 2009)
SIMPL WINDOWS USED FOR TESTING:	v2.11.27
CRESTRON DB USED FOR TESTING:	v20.08.003.00
DEVICE DB USED FOR TESTING:	v22.06.003.00
SAMPLE PROGRAM:	Samsung L200 v1.0 PRO2 DEMO.smw
REVISION HISTORY:	v. 1.0