

Partner: Samsung
 Model: UN40D8000
 Device Type:



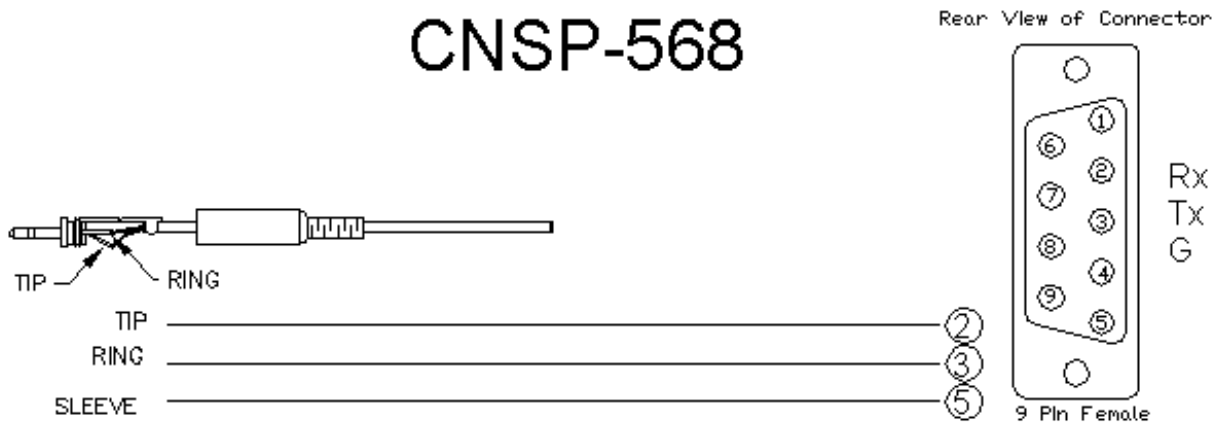
GENERAL INFORMATION

SIMPLWINDOWS NAME:	Samsung UN40D8000 v1.0
CATEGORY:	TV/Video Projector
VERSION:	1.0
SUMMARY:	This module will control the Samsung UN40D8000 LED TV via RS-232 using the EX-LINK port.
GENERAL NOTES:	<p>This module utilizes the Samsung protocol for the following 2011 TV models:</p> <ul style="list-style-type: none"> • LN19D450G1DXZA • LN22D450G1FXZA • LN26D450G1DXZA • LN32D Series (Excluding LN32D403E4DXZA, LN32D405E5DXZA) • LN37D Series • LN40D Series (Excluding LN40D503F6FXZA, LN46D503F6FXZA) • LN46D Series • PN43D Series • PN51D Series • PN59D Series • PN64D Series • UN32D Series • UN40D Series • UN46D Series • UN55D Series • UN60D Series • UN75D Series <p>Some of the functions (3D, certain source selections) will not be available on all models. See the specific TV model's manual for details.</p> <p>This module is System Builder compatible.</p>
CRESTRON HARDWARE REQUIRED:	C2I-COM, ST-COM, C2-COM-* or CNX-COM2, 2-Series processor, 3-Series processor
SETUP OF CRESTRON HARDWARE:	<p>RS232</p> <p>Baud:9600</p> <p>Parity: None</p> <p>Data Bits: 8</p> <p>Stop Bits: 1</p>
VENDOR FIRMWARE:	T-GAP8AKUC-1022.1 (or 001022)
VENDOR SETUP:	N/A
CABLE DIAGRAM:	CNSP-568

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CNSP-568



CONTROL:

Power_<On/Off/Toggle>	D	Pulse to turn power on or off.
Volume_<Up/Down>	D	Press to adjust volume directly (volume gauge will display value. One way)
Volume_Direct_In	A	Send analog value from 1d to 100d for preset volume levels.
Volume_<Up/Down>_Indirect	D	Press to adjust volume indirectly.
Mute_Toggle	D	Pulse to turn mute on or off.
<ATV/DTV>	D	Pulse to enable analog or digital tv channel commands.
Channel_KP_<0-9/>	D	Pulse to select channel to request.
Channel_KP_Clear	D	Pulse to clear channel to request.
Channel_Send	D	Pulse to send channel request.
Channel_<Up/Down>	D	Press to increase or decrease channel.
Input_*	D	Pulse to select desired input.
Menu	D	Pulse to select menu functions.
<Up/Down/Left/Right>	D	Pulse to navigate through menu or OSD.
Enter	D	Pulse to select function in menu or OSD.

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Exit	D	Pulse to exit menu or menu selection.
Return	D	Pulse to go back one menu level.
Red	D	Pulse to select red function.
Green	D	Pulse to select green function.
Yellow	D	Pulse to select yellow function.
Blue	D	Pulse to select blue function.
Tools	D	Pulse to select tools menu.
Info	D	Pulse to get info on current selection.
Internet	D	Pulse to select internet access.
Yahoo	D	Pulse to select Yahoo functions.
Mode_*	D	Pulse to select desired display mode.
Aspect_*	D	Pulse to select desired aspect.
Motion_Lighting_<On/Off>	D	Pulse to enable or disable motion lighting.
LED_Motion_Plus_*	D	Pulse to select desired LED motion plus setting
Auto_Motion_Plus_*	D	Pulse to select desired auto motion plus setting
3D_Mode_	D	Pulse to select desired 3D mode.
*3D_View_Point_<Up/Down>	D	Press to adjust 3D view point.
*3D_Depth_<Up/Down>	D	Press to adjust 3D depth.
*3D_3D->2D_<On/Off>	D	Pulse to enable or disable 3D to 2D conversion.
3D_Auto_View_	D	Pulse to set 3D auto view setting.
*3D_Picture_Correction	D	Pulse for 3D picture correction.
Auto_Volume_*	D	Pulse to set desired auto volume setting.

FEEDBACK:

Volume_Text	S	Indicates volume level.
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Volume_Gauge	A	Indicates volume level for gauge object.
Channel_Text	S	Indicates channel being requested. Will clear after command sent to TV.
To_Device	S	Serial data signal to be routed to a 2 way com port.

TESTING:	
OPS USED FOR TESTING:	v4.003.0015
SIMPL WINDOWS USED FOR TESTING:	3.02.14
DEVICE DB USED FOR TESTING:	36.05.006.00
CRES DB USED FOR TESTING:	27.05.016.00
SYMBOL LIBRARY USED FOR TESTING:	749
SAMPLE PROGRAM:	Samsung UN40D8000 v1.0 Demo PRO2
REVISION HISTORY:	v1.0 – Initial Release