

SIMPLWINDOWS NAME: JBL SDP-40

CATEGORY: Processor

VERSION: 1.0

SUMMARY: This module provides input and effect control and true feedback of the JBL SDP-40.

GENERAL NOTES: This module will control the JBL SDP-40. This module provides true feedback. Some effects may not be selectable for certain devices in the MAIN ZONE.

Note that before sending any other commands, you must pulse the start-communications input. This will set the SDP-40 in the proper mode for Crestron communications, and it will poll the SDP-40 for its current status. It will take approximately 2 seconds to complete the initialization.

CRESTRON HARDWARE REQUIRED: CNXCOM-2
ST-COM
CNXCOM
C2-COM

SETUP OF CRESTRON HARDWARE: Baud Rate - 19200
Parity - Odd
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: V1.10

VENDOR SETUP: None

CABLE NUMBER: CNSP-121

CONTROL:

START-COMMUNICATIONS	D	Pulse to initiate communications with the SDP-40
MASTER-PWR-ON	D	Momentary to turn unit on
MASTER-PWR-OFF	D	Momentary to turn unit off
MASTER-PWR_TOGGLE	D	Momentary to toggle unit power
MAIN-INP-OFF	D	MAIN ZONE input off
MAIN-INP-*	D	MAIN ZONE input select
MAIN-VOL-UP	D	Ramps the volume up in the MAIN zone
MAIN-VOL-DOWN	D	Ramps the volume down in the MAIN zone
MAIN-VOL-MUTE	D	Toggles the volume mute in the MAIN zone
ZONE2-INP-OFF	D	ZONE 2 input off
ZONE2-INP-*	D	ZONE 2 input select
ZONE2-VOL-UP	D	Ramps the volume up in ZONE 2
ZONE2-VOL-DOWN	D	Ramps the volume down in ZONE 2
ZONE2-VOL-MUTE	D	Toggles the volume mute in ZONE 2
REC-INP-OFF	D	RECORD ZONE input off
REC-INP-*	D	RECORD ZONE input select
REC-VOL-UP	D	Ramps the volume up in the RECORD zone
REC-VOL-DOWN	D	Ramps the volume down in the RECORD zone
REC-VOL-MUTE	D	Toggles the volume mute in the RECORD zone
MODE-*	D	Mode selects for the MAIN ZONE

EFFECT-INC	D	Cycle forward through modes for the MAIN ZONE
EFFECT-DECR	D	Cycle back through modes for the MAIN ZONE
From_Device\$	S	MSerial data string to be routed from a 2-way RS232 port

FEEDBACK:

MASTER-PWR-ON-FB	D	True feedback for power on
MASTER-PWR-OFF-FB	D	True feedback for power off
MAIN-INP-OFF-FB	D	True feedback for MAIN ZONE input off
MAIN-INP-* -FB	D	True feedback for MAIN ZONE input selected
MAIN-VOL-BAR	A	True feedback indicating current volume lvl for the MAIN ZONE
MAIN-VOL-MUTE-FB	D	True feedback for Toggles the volume mute in the MAIN zone
ZONE2-INP-OFF-FB	D	True feedback for ZONE 2 input off
ZONE2-INP-* -FB	D	True feedback for ZONE 2 input selected
ZONE2-VOL-BAR	A	True feedback indicating current volume lvl for the ZONE 2
ZONE2-VOL-MUTE-FB	D	True feedback for Toggles the volume mute in ZONE 2
REC-INP-OFF-FB	D	True feedback for RECORD ZONE input off
REC-INP-* -FB	D	True feedback for RECORD ZONE input selected
REC-VOL-BAR	A	True feedback indicating current volume lvl for the RECORD ZONE
REC-VOL-MUTE-FB	D	True feedback for toggles the volume mute in the RECORD zone
MODE-* -FB	D	True feedback for mode selected for the MAIN ZONE
To_Device\$	S	Serial data string to be routed to a 2-way RS232 port

OPS USED FOR TESTING: 5.12.26x.upz, v2.004.cuz
COMPILER USED FOR TESTING: SimplWindows Version 2.02.11
SAMPLE PROGRAM: JBL SDP-40 Demo
REVISION HISTORY: None