



SID-X1 :

DISCRETE INPUT SELECTION VIA RS-232

By Matt Kopin – CTS

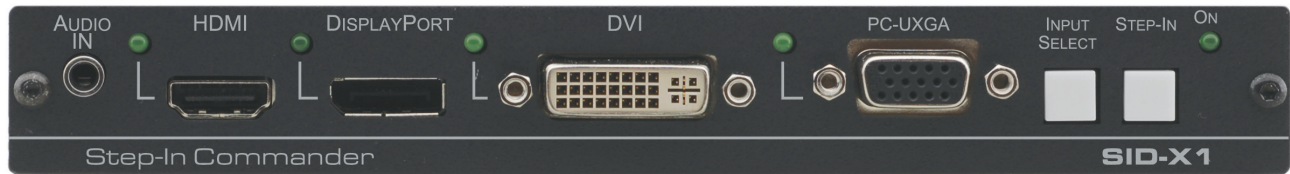
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SID-X1: Discrete Input Selection via RS-232



The SID-X1 has been a very popular product due to its ability to accommodate for both analog and digital video signals (with analog audio) in a single DGKat transmitter. This is a perfect product for a podium location that needs to accommodate different types of laptops and connectors. Until now, input selection on the SID-X1 was left to the Auto-Switch functionality, the front panel select button, or contact closure on the rear. Even still, the contact closure mimicked the button on the front panel and would simply cycle through the inputs leaving no ability for discrete input selection.

Engineering has just provided the RS-232 commands that may be sent from either a TP-574 or a DGKat input card on a router to switch the SID-X1's inputs discretely.

These commands are Protocol 2000 commands and work at a baud rate of 9600. The connection between the control system and the TP-574 or DGKat input card should be a straight connection.

Input	Command
HDMI	0x07 0x80 0x81 0x81
DP	0x07 0x80 0x85 0x81
DVI	0x07 0x80 0x89 0x81
VGA	0x07 0x80 0x8C 0x81

Note: '0x' denotes hex characters

It is important to note that there is no feedback provided by the SID-X1, meaning that when a command is sent to the SID-X1 to switch inputs, the SID-X1 does not reply that it has switched successfully. Similarly, if the input is changed from the front panel on the SID-X1, it will not send out a command informing the control system that the change has been made. We are also unaware of a query command to ask the SID-X1 which input is currently selected.

No firmware updates or modifications are needed for this functionality to work.



KRAMER ELECTRONICS, Ltd.
3 Am VeOlamo St.
Jerusalem, Israel, 95463
Tel: + 972 732650200
Fax: + 972 2 653 5369
E-mail: info@kramerel.com
Web: www.kramerelectronics.com

KRAMER ELECTRONICS USA, INC.

HEADQUARTERS
96 Route 173 West Suite 1
Hampton, NJ 08827
Tel: (908) 735 0018
(888) 275 6311
Fax: (908) 735 0515

TECH SUPPORT AFTER 6PM EST:
Tel: (888) 275 6311
E-mail: info@kramerus.com
Web: www.kramermatrix.com