

SIMPLWINDOWS NAME: Linn Kolektor

CATEGORY: Receiver/Processor

VERSION: 1.0

SUMMARY: Allows volume control, source selections, and tone adjustment.

GENERAL NOTES: None

CRESTRON HARDWARE REQUIRED: CNXCOM, ST-COM, CEN-COM

SETUP OF CRESTRON HARDWARE: Baud Rate -9600
Parity - Even
Data Bits - 7
Stop Bits - 1

VENDOR FIRMWARE: None

VENDOR SETUP: None

CABLE NUMBER: Use the cable that is included with the Kolektor, or to make your own:

****Pin-Out****

Crestron (DB-9)		AVP (RJ-11)
Rx 2	to	1 Tx
TX 3	to	2 Rx
GND 5	to	4 GND

CONTROL:

VOLUME-UP	D	Increases volume level as long as button is held
VOLUME-DOWN	D	Decreases volume level as long as button is held
VOLUME-MUTE	D	Mutes volume level
VOLUME-UNMUTE	D	Unmutes / restores volume to previous level
INPUT-SOURCE-1	D	Selects Input 1 as current source
INPUT-SOURCE-2	D	Selects Input 2 as current source
INPUT-SOURCE-3	D	Selects Input 3 as current source
INPUT-SOURCE-4	D	Selects Input 4 as current source
INPUT-SOURCE-5	D	Selects Input 5 as current source
INPUT-SOURCE-6	D	Selects Input 6 as current source
INPUT-SOURCE-7	D	Selects Input 7 as current source
INPUT-SOURCE-8	D	Selects Input 8 as current source
INPUT-SOURCE-9	D	Selects Input 9 as current source
INPUT-SOURCE-10	D	Selects Input 10 as current source
INPUT-SHIFT-UP	D	Selects next source in numerical order
INPUT-SHIFT-DOWN	D	Selects previous source in numerical order
BALANCE-RIGHT	D	Shifts Balance To Right As Long As Button Is Held
BALANCE-LEFT	D	Shifts Balance To Left As Long As Button Is Held

BASS-UP	D	Increases Bass Level As Long As Button Is Held
BASS-DOWN	D	Decreases Bass Level As Long As Button Is Held
TREBLE-UP	D	Increases Treble Level As Long As Button Is Held
TREBLE-DOWN	D	Decreases Treble Level As Long As Button Is Held
IR-CONTROL-ON	D	Enables IR control
IR-CONTROL-OFF	D	Disables IR control
RECORD-ON	D	Locks current source for recording
RECORD-OFF	D	Unlocks source selection
ENABLE-PHONO	D	Boosts gain on input 1 to be used for phono input
DISABLE-PHONO	D	Normalizes gain on input 1 to be used for line / CD input
QUERY-KOLEKTOR	D	Queries all Kolektor settings, should only need to be used on startup
KOLEKTOR-RX\$	S	Serial data string to be routed from the RX\$ of the associated 2-way RS232 port.

FEEDBACK:

VOLUME-LEVEL\$	S	Serial display of current volume level, should be routed to indirect
BASS-LEVEL\$	S	Serial display of bass level, should be routed to indirect text
TREBLE-LEVEL\$	S	Serial display of treble level, should be routed to indirect text
BALANCE-LEVEL\$	S	Serial display of balance level, should be routed to indirect text
VOLUME-LEVEL	A	Analog level of volume, 0 to 100%
INPUT-SOURCE-1-FB	D	Source 1 is currently selected
INPUT-SOURCE-2-FB	D	Source 2 is currently selected
INPUT-SOURCE-3-FB	D	Source 3 is currently selected
INPUT-SOURCE-4-FB	D	Source 4 is currently selected
INPUT-SOURCE-5-FB	D	Source 5 is currently selected
INPUT-SOURCE-6-FB	D	Source 6 is currently selected
INPUT-SOURCE-7-FB	D	Source 7 is currently selected
INPUT-SOURCE-8-FB	D	Source 8 is currently selected
INPUT-SOURCE-9-FB	D	Source 9 is currently selected
INPUT-SOURCE-10-FB	D	Source 10 is currently selected
VOLUME-MUTE-FB	D	Indicates Volume Is Muted
RECORD-ON-FB	D	Indicates source is locked, no source selection can be made
RECORD-OFF-FB	D	Indicates source selection is unlocked
IR-ON-FB	D	Indicates IR control is permitted
IR-OFF-FB	D	Indicates IR control is disabled
ENABLE-PHONO-FB	D	Indicates Source 1 should be used for phono
DISABLE-PHONO-FB	D	Indicates Source 1 should be used for line level / CD.
KOLEKTOR-TX\$	S	Serial data string to be routed to the TX\$ of the associated 2-way RS232 port.

.UPZ FILE USED FOR TESTING: 5.11.65x.upz
COMPILER USED FOR TESTING: SimplWindows Version 1.52.01
SAMPLE PROGRAM: Linn Kolektor Demo Program
REVISION HISTORY: None