

SIMPLWINDOWS NAME: Denon AVR-4802

CATEGORY: Receiver/Processor

VERSION: 1.0

SUMMARY: Controls all standard functions and provides true feedback

GENERAL NOTES: This module will control all of the standard functions on a Denon AVR-4802 Receiver. True feedback for all functions is provided by the receiver. Functions provided include main zone control, as well as zone 1 and record zone source selection, surround mode selection, surround speaker level adjustments, and tuner band/preset selection.

Note that for surround mode selection, certain selections are only valid while certain sources are selected. So choosing a particular surround mode may actually cause a slightly different mode to be activated on the Denon system. However, since true feedback is provided, the actual surround mode currently active will be reflected on the output of this module.

CRESTRON HARDWARE REQUIRED: CNXCOM, ST-COM

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: None

VENDOR SETUP: None

CABLE NUMBER: CNSP-121

CONTROL:

POWER_ON/OFF	D	Power the unit on/off
MAIN_VOLUME_UP/DOWN/MUTE	D	Adjust the volume level in the main zone
*_INPUT	D	Select the source to be heard in the main zone
SURROUND_MODES	D	Select the surround mode for the main zone
SPEAKER_LEVEL_ADJUSTMENTS	D	Adjust the speaker levels for each of the surround speakers
ZONE_1_*	D	Select the source for zone 1
REC_*	D	Select the source for the record zone
TUNER_BAND_AM/FM	D	Select the band for the tuner
TUNER_MODE_AUTO/MANUAL	D	Select the tuning mode
TUNER_PRESET_UP/DOWN	D	Step through the tuner presets sequentially
TUNER_PRESET_*	D	Discretely select any tuner preset
FROM_DEVICE\$	S	Serial signal to be routed from a 2-way RS232 port

FEEDBACK:

POWER_ON/OFF_FB	D	True feedback indicating if power
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is on/off

MAIN_VOLUME_BAR	D	True feedback indicating the relative volume level in the main zone. Should be routed to a bargraph on a touchpanel
MAIN_VOLUME_TEXT\$	S	True feedback indicating the volume level in the main zone in dB format. Should be routed to an indirect text field on a touchpanel.
MAIN_VOLUME_MUTE_*_FB	D	True feedback indicating if main zone volume is muted
*_INPUT_FB	D	True feedback indicating the source selected in the main zone
SPEAKER_LEVEL_TEXT\$	S	True feedback indicating the level of each of the surround speakers in dB format. Should be routed to indirect text fields on a touchpanel.
ZONE_1_*_FB	D	True feedback indicating which source is selected in zone 1
REC_*_FB	D	True feedback indicating which source is selected in the record zone.
TUNER_BAND_AM/FM_FB	D	True feedback indicating which band is selected
TUNER_MODE_AUTO/MANUAL_FB	D	True feedback indicating which tuner mode is active
TUNER_PRESET_*_FB	D	True feedback indicating which tuner preset is selected
TO_DEVICES\$	S	Serial signal to be routed to a 2-way RS232 port.

OPS USED FOR TESTING: 5.12.26x

COMPILER USED FOR TESTING: SimplWindows Version 1.61.12

SAMPLE PROGRAM: Denon AVR-4802 Demo

REVISION HISTORY: None