

Partner: Denon
Model: HEOS Wireless Speakers
Device Type: Generic A/V Source



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Denon HEOS Device Interface v6.0.0.cmc
CATEGORY:	Streaming Media
VERSION:	6.0
SUMMARY:	This module will control a single HEOS player from Denon from a Crestron controller.
GENERAL NOTES:	This module will provide access to selecting Music Sources, and general controls such as Play, Stop, Thumbs Up, Thumbs Down. There is no player selection. This module is designed to control only the player indicated at design time.
CRESTRON HARDWARE REQUIRED:	3-Series Processor and touchscreen
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	1.349.101
VENDOR SETUP:	HEOS players must be connected to the same network as Crestron equipment.
CABLE DIAGRAM:	N/A

CONTROL:

HEOS_UI_Play	D	Pulse to trigger Play.
HEOS_UI_Stop	D	Pulse to trigger Stop.
HEOS_UI_Pause	D	Pulse to trigger Pause.
HEOS_UI_PreviousTrack	D	Pulse to trigger Previous Track.
HEOS_UI_NextTrack	D	Pulse to trigger Next Track.
HEOS_UI_Repeat	D	Pulse to trigger Repeat mode.
HEOS_UI_Shuffle	D	Pulse to trigger Shuffle mode.
HEOS_UI_ThumbsUp	D	Pulse to trigger Thumbs Up.
HEOS_UI_ThumbsDown	D	Pulse to trigger Thumbs Down.

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HEOS_UI_VolumeUp	D	Pulse to pulse Volume Up by an increment of 2 percent.
HEOS_UI_VolumeDown	D	Pulse to pulse Volume Down by an increment of 2 percent.
HEOS_UI_MenuBack	D	Pulse to go back in the browse hierarchy. Note: When the top level of a source is reached, this will not result in an action.
HEOS_UI_MenuPrev	D	Pulse to navigate more entries in the current list, if any.
HEOS_UI_MenuNext	D	Pulse to navigate more entries in the current list, if any.
HEOS_UI_SelectBrowseItem[1] - HEOS_UI_SelectBrowseItem[100]	D	Selects the browse list item.
HEOS_UI_SelectMusicSource[1] - HEOS_UI_SelectMusicSource[20]	D	Selects a music source from the SourceNames[x] list.

FEEDBACK:

HEOS_UI_Busy	D	Indicates HEOS UI is configuring and initializing.
HEOS_UI_MenuBusy	D	Indicates the browse list is currently busy processing the request.
HEOS_UI_Connection_Status	D	Reports currently controlled player connection status. [Future]
HEOS_UI_PlayAvailable	D	Indicates the play action is available on the current media.
HEOS_UI_StopAvailable	D	Indicates the stop action is available on the current media.
HEOS_UI_PreviousTrackAvailable	D	Indicates the previous track action is available on the current media.
HEOS_UI_NextTrackAvailable	D	Indicates the next track action is available on the current media.
HEOS_UI_ThumbsUpAvailable	D	Indicates the thumbs up action is available on the current media.
HEOS_UI_ThumbsDownAvailable	D	Indicates the thumbs down action is available on the current media.
NowPlayingInfo[1] - NowPlayingInfo[5]	S	Displays currently playing media data.
HEOS_UI_VolumeLevelPercentageScaled	A	Indicates current volume level.
HEOS_UI_NumOfSources	A	Indicates number of music sources discovered.
HEOS_UI_TrackProgress	A	Current location in track, when available.
HEOS_UI_TrackDuration	A	Total length of track, when available.

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HEOS_UI_VolumeLevel	S	Indicates current volume level as text.
HEOS_UI_TrackProgressText	S	Current location in track as text, when available.
HEOS_UI_TrackDurationText	S	Total length of track as text, when available.
HEOS_UI_PlayerName	S	Currently controlled player/group name.
HEOS_UI_PlayerID	S	Currently controlled player/group ID.
HEOS_UI_PlayerGroup	S	Current group name, if player is part of group.
HEOS_UI_PlayerModel	S	Currently controlled player model.
HEOS_UI_PlayerVersion	S	Currently controlled player version.
HEOS_UI_Song	S	Currently controlled player song.
HEOS_UI_Station	S	Currently controlled player station.
HEOS_UI_Artist	S	Currently controlled player station.
HEOS_UI_Album	S	Currently controlled player album.
HEOS_UI_AlbumArtURL	S	Currently controlled player album artwork.
HEOS_UI_Music_Source_Selected	D	Indicates a Music Source was selected.
HEOS_UI_MenuBackAvailable	D	Indicates Menu Back is available for current browse list.
HEOS_UI_PreviousAvailable	D	Indicates Previous is available for current browse list.
HEOS_UI_NextAvailable	D	Indicates Next is available for current browse list.
HEOS_UI_BrowseListTitle	S	Browse menu title.
HEOS_UI_BrowseListSubTitle	S	Browse menu subtitle.
HEOS_UI_numOfBrowseItems	S	Current number of items in browse list.
HEOS_UI_BrowseListL1Item[1] - HEOS_UI_BrowseListL1[100]	S	Browse list items labels for L1.
HEOS_UI_BrowseListL2Item[1] - HEOS_UI_BrowseListL2[100]	S	Browse list items labels for L2.
HEOS_UI_BrowseListURLItem[1] - HEOS_UI_BrowseListURL[100]	S	Browse list items labels for item icon/image.

