

dbx DriveRack 4800 MID Router

This module can only be used in conjunction with the DriveRack 4800 NODE.umc. DO NOT HOOK DIRECTLY TO THE COMM PORT.

Simple Windows Name: dbx DriveRack 4800 MID Router
Version: V1.0

General Notes:

The NODE module MUST be used to communicate with any DriveRack unit. This module must be connected to the DriveRack 4800 NODE.umc. This module will control the input source of the router, the master output volume, and router mute.

Because the user can choose whether to have a mixer or router for each of the 8 output channels, the Crestron programmer must use the proper module to match the ZonePRO's configuration. Connect the 'Mid<x>_moduleTX' and 'Mic<x>_moduleRX' signals from the NODE module to the corresponding DriveRack 4800 Mid_Mixer(s) and/or DriveRack Mid_Router(s) for each zone. See example program. NOTE: *When the comm cable is connected between the DriveRack and the Crestron, the user can open the viewport and reboot the Crestron. If the module configuration does not match the DriveRack configuration a "Configuration Mis-Match" warning will be sent to the viewport.*

The demo program is written with the following devices and software versions:

CP2E with OS	3.137
Simple Windows version	2.07.32
Symbol Lib version	387
Device Lib Version	387
Crestron DB version	18.1.5
DriveRack Firmware	01.01.00.00
DriveRack Hardware	30-03

Connection

Connect the 'module_RX\$' serial signal to the corresponding DriveRack 4800 NODE 'Mid<x>_ModuleRX' and the 'module_TX\$' serial signal to the corresponding DriveRack 4800 NODE 'Mid<x>_ModuleTX' signal.

CONTROL:

inputSource: <analog> send analog value 0-4 to select desired input.
Value 0: selects NO input (unroutes all signals)
Value 1: selects input 1
Value 2: selects input 2
Value 3: selects input 3

Value 4: selects input 4

MasterVolume: <Analog> Controls the volume of the master input.

MasterMute: <digital> When high a mute message will be sent to the mid router's output. When low an unmute message will be sent.

Module_TX\$: <serial> Connect to the DriveRack 4800 NODE
'Mid<x>_ModuleTX' signal.

FEEDBACK:

inputSource_FB: <analog> reflects actual input of router (values 0-4).

MasterVolume_FB: <Analog> reflects the state of the master input volume.

MasterMute_FB: <digital> reflects mute state of corresponding output.

Module_RX\$: <serial> Connect to the DriveRack 4800 NODE
'Mid<x>_ModuleRX' signal.

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