

ANALOG WAY VERTIGE™

Module: MAIN

Crestron 3-series

Date: **November 4, 2016**
Driver version: **V1.00**
Compatible with: **Vertige™ Firmware v3.03.00 or above**

GENERAL

This module is the core module, required to control Vertige™ console. It must be connected to any optional module used in your program. Even if you plan to use only one optional module, the MAIN module (Vertige_Main) must be included in your project. This module provides inter-modules connectivity and synchronization, Vertige™ console information feedback as well as some remote control functions.

The MAIN module (Vertige_Main) must to be used together with the Workspace module, and at least one of the Preset_Transition module, Macros module or Sequence module.

CONNECTION

You have to implement one Crestron TCP/IP client object in your project and connect it to the MAIN module.

IP address: Vertige™ console IP address
Default port: **10600**

Control

From_device	String_in	Must be connected to TCP-IP client RX\$
To_device	String_out	Must be connected to TCP-IP client TX\$
Refresh_All	Digital_in	To be pulsed for initialization after each TCP_IP connection. This will also update all connected modules
General_Infos_RG_PB	Digital_in	To be pulsed to update the main module status
Reboot_PB	Digital_in	To be pulsed to reboot Vertige™ console (not implemented yet)
Refresh_In_Progress_FB	Digital_out	General status update in progress
Connection_Status_FB	Analog_out	Number of TCP clients connected to the Vertige™ console

General

Device_Type\$	String_out	Return the Vertige™ device type (must be “Vertige”)
Cmd_Ser_Ver\$	String_out	Return the Vertige™ Command Set version
Updater_Ver\$	String_out	Return the Vertige™ Updater version
Firmware_Ver\$	String_out	Return the Vertige™ Firmware version
User_Message_Text	String_out	Return message text to be displayed in user interface

Inter_Connect_Other_Modules

From_Module_Workspace	String_in	Module_Workspace module commands to Vertige™ console
Mess_Txt_From_Module_Workspace	String_in	Module_Workspace module status text
To_Module_Workspace	String_out	From TCP-IP client RX\$ to Module_Workspace module
From_Module_Presets_Transition	String_in	Module_Presets_Transition module commands to Vertige™ console
Mess_Txt_From_Module_Presets_Transition	String_in	Module_Presets_Transition module status text
To_Module_Presets_Transition	String_out	From TCP-IP client RX\$ to Module_Presets_Transition module
From_Module_Macros	String_in	Module_Macros module commands to Vertige™ console
Mess_Txt_From_Module_Macros	String_in	Module_Macros module status text
To_Module_Macros	String_out	From TCP-IP client RX\$ to Module_Macros module
From_Module_Sequence	String_in	Module_Sequence module commands to Vertige™ console
Mess_Txt_From_Module_Sequence	String_in	Module_Sequence module status text
To_Module_Sequence	String_out	From TCP-IP client RX\$ to Module_Sequence module