Partner: CableTime
Model: MediaStar Evolution 780
Device TV Tuner

CRESTRON
CERTIFIED **INTEGRATED** PARTNER

GENERAL INFORMATION:

SIMPLWINDOWS NAME:	CableTime MediaStar 780 IP v1.0
CATEGORY:	Tuners
VERSION:	V1.0
SUMMARY:	This module provides control and true feedback for the CableTime MediaStar Evolution 780 via TCP/IP.
GENERAL NOTES:	This module provides control and true feedback for the CableTime MediaStar Evolution 780 via TCP/IP.
CRESTRON HARDWARE REQUIRED:	Crestron 2/3 series Processor with a free Ethernet port to make the TCP/IP connection.
SETUP OF CRESTRON HARDWARE:	Crestron 2/3 series Processor connected on the same Ethernet network. TCP/IP Communications : Port = 2026d
VENDOR FIRMWARE:	V2.83
VENDOR SETUP:	None
CABLE DIAGRAM:	Ethernet

CONTROL:

Channel_key_x	D	Pulse to enter the desired channel number. Valid range is 1 to 250. NOTE: CHANNEL NUMBER WILL NOT BE SENT UNTIL THE Channel_Key_Enter INPUT IS PULSED.
Channel_Up/Down	D	Press and hold to adjust the volume.
Display_On/Off	D	Pulse to turn the attached display ON and OFF.
Get_Current_Media	D	Pulse to retrieve the information about the chosen channel/mode.
Reboot	D	Pulse to reboot the device.
Volume/Up/Down	D	Pulse to turn the volume mute ON and OFF.
Initialize	D	Pulse to get the initial status from the device. This should not be used for normal polling. The device will be polled for its status with each command sent to the device.

Channel_In	A	Analog value for the desired channel. This may come from a s ymbol like the Analog Initialize. Each change on Channel_In will be sent to the device. Valid range is 1 to 250
Volume_In	A	Analog input for the desired volume level. This may come from a symbol like the Analog Initialize. Each change on the Volume_In will be sent to the device. Valid range is 0 to 16.

FEEDBACK:

Volume_Mute_is_On/Off	D	High to indicate the current volume mute state.
Channel_Number_Gauge	A	Analog value indicating the current channel number or the channel being entered with the Channel_Key_* inputs.
Volume_Level_Graph	A	Analog value indicating the volume level. To be displayed using a bar graph on a touch panel.
Current_media	S	Serial signal that indicates the current playing media. NOTE: THIS WILL BE ACCURATE AFTER PULSING "Get_Current_Media".

TESTING:

OPS USED FOR TESTING:	PRO2: 4.003.0015 MC3: 1.002.000
SIMPL WINDOWS USED FOR TESTING:	3.10.20
CRESTRON DB USED FOR TESTING:	30.05.014.01
DEVICE DB USED FOR TESTING:	40.05.010.00
SAMPLE PROGRAM:	CableTime MediaStar 780 IP PRO2 Demo CableTime MediaStar 780 IP MC3 Demo
REVISION HISTORY:	V. 1.0