

Partner: AUDIOCONTROL
Model: Director Bijou600
Device Type: Audio Amplifier

GENERAL INFORMATION:

SIMPLWINDOWS NAME:	AudioControl_Bijou600_Demo_QMRC_V1_00.smw
CATEGORY:	Audio Amplification
VERSION:	1.00
SUMMARY:	A driver providing two way control of the AudioControl Bijou 600, via RS232.
GENERAL NOTES:	N/A
CRESTRON HARDWARE REQUIRED:	Any processor with a serial port.
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	N/A
CABLE DIAGRAM:	N/A

Partner: AUDIOCONTROL
Model: Director Bijou600
Device Type: Audio Amplifier

AudioControl Bijou600 VX XX.umc

Central module to handle all communications between Crestron and Bijou600. This module will require a "Serial Driver" device to be configured in the SIMPL Windows program with the following serial settings:

Baud Rate: 19200
Data Bits: 8
Stop Bits: 1
Parity: N
Comm. Std: (RS323)
Handshaking:
HW: (None)
SW: (None)

CONTROL:

CommsRx	S	Signal FROM serial driver '[rx\$]'.
MainPowerOn	D	Switch amp on.
MainPowerOff	D	Switch amp into standby.
VolumeUp	D	Pulse to nudge volume up by 1 value. Hold to ramp volume up.
VolumeDown	D	Pulse to nudge volume down by 1 value. Hold to ramp volume down.
BassUp	D	Pulse to nudge Bass up by 1 value. Hold to ramp Bass up.
BassDown	D	Pulse to nudge Bass down by 1 value. Hold to ramp Bass down.
MuteOn	D	Mute output.
MuteOff	D	Un-mute output.
HeadphoneOn	D	Enable headphone output.
HeadphoneOff	D	Disable headphone output.
SourceSelect	A	Select the input source. Valid range 1d to 3d. 1. Digital Channel 1 2. Digital Channel 2 3. Analogue Channel 3
VolumeSet	A	Set the output volume level. Valid range 1d to 63d.

PARAMETERS:

Poll Interval	P	Time interval between polling attempts. Polling will keep the module feedback in sync. If 0s is set, polling is disabled.
----------------------	----------	---

Partner: AUDIOCONTROL
Model: Director Bijou600
Device Type: Audio Amplifier

FEEDBACK:		
CommsTx	S	Signal TO serial driver '[tx\$]'.
MainPowerIsOn	D	Indicates amp is on
MainPowerIsOff	D	Indicates amp is in standby.
CurrentVolume	A	Indicates currently set volume. (see VolumeSet for value range).
CurrentBass	A	Indicates currently set bass. (see BassSet for value range).
MuteIsOn	D	Mute output.
MuteIsOff	D	Un-mute output.
HeadphoneIsOn	D	Enable headphone output.
HeadphoneIsOff	D	Disable headphone output.
CurrentSource	A	Indicates currently selected source. (see SourceSelect for value range).

Partner: AUDIOCONTROL
Model: Director Bijou600
Device Type: Audio Amplifier

TESTING:

OPS USED FOR TESTING:	QM-RMC 1.011.0023
SIMPL WINDOWS USED FOR TESTING:	4.03.20
CRESTRON DB USED FOR TESTING:	53.05.005.00
DEVICE DB USED FOR TESTING:	70.00.004.00
SAMPLE PROGRAM:	AudioControl_Bijou600_Demo_QMRMC_V1_00.smw
REVISION HISTORY:	v1.00 RC1 – Initial release