

# HYPERION axis

Protocol: TCP/Telnet Port: 23		API Version: 1.0.0
Command	Description	Response
H	Help	Print command list
STA	Show system status	Print status commands
SET RBT	Reboot device	REBOOT
SET RST	Reset to factory defaults	FACTORY RESET
SET POWER x	Set power state x {x=[ON,OFF]}	POWER [ON,OFF]
GET STA	Get settings status	Different status printout
GET POWER	Get power state	POWER [ON,OFF]
GET INPUT FORMAT	Get input signal type information	INPUT FORMAT [String up to 30 characters]
GET OUTPUT FORMAT	Get decoded output status	OUTPUT FORMAT [String up to 30 characters]
GET SER NUM	Get current product serial number	SER NUM xxxxxxxxxxxxxxxx
GET MODEL	Get the unit model	MODEL ACP-BIJOU5100D
GET VER INF	Get system firmware versions	MAIN MCU Vx.xx DSP Vx.xx
<b>INPUT Commands</b>		
SET INPUT x	Set active audio input source x	INPUT [EARC,DIGITAL]
SET INPUT GAIN xy	Set input x positive gain offset y {x=[EARC, DIGITAL], y=[LOW,MED,HIGH]}	INPUT GAIN [EARC,DIGITAL] [LOW,MED,HIGH]
SET AUDIO MODE x	Set the active decoder mode x {x=[NATIVE, 2CHSTEREO, ALLCHSTEREO, DOLBY SURROUND, DOLBY MODE]}	AUDIO MODE [NATIVE, 2CHSTEREO, ALLCHSTEREO, DOLBY SURROUND, DOLBY MODE]
SET VOL DEFEAT xy	Set input x volume defeat state y {x=[DIGITAL], y=[ON, OFF]}	VOL DEFEAT [DIGITAL,ANALOG] [ON, OFF]  If DMVOL FOLLOW ON, then response is as follows: VOL DEFEAT [DIGITAL] [ON, OFF] DMVOL FOLLOW OFF
SET 2CH MODE xy	Set input x default surround mode y when input is two-channel audio {x=[EARC, DIGITAL], y=[LAST, 2CHSTEREO,ALLCHSTEREO,DOLBY SURROUND, DOLBY MODE]}	2CH MODE [EARC, DIGITAL] [LAST, 2CHSTEREO,ALLCHSTEREO, DOLBY SURROUND,DOLBY MODE]
SET MULTICH MODE xy	Set input x default surround mode y when input is multi-channel audio {x=[EARC, DIGITAL], y=[LAST,NATIVE,2CHSTEREO,ALLCHSTEREO, DOLBY SURROUND, DOLBY MODE]}	MULTICH MODE [EARC, DIGITAL] [LAST,NATIVE,2CHSTEREO,ALLCHSTEREO, DOLBY SURROUND, DOLBY MODE]
SET DRC xy	Set input x Dynamic Range Control mode y {x=[EARC, DIGITAL], y=[OFF/ON/AUTO]}	DRC [EARC, DIGITAL] [OFF/ON/AUTO]
GET INPUT	Get active audio input source	INPUT [EARC,DIGITAL]

GET INPUT GAIN x	Get input x positive gain offset {x=[EARC,	INPUT GAIN [EARC,DIGITAL] [LOW,MED,HIGH]
GET AUDIO MODE	Get the active decoder mode	AUDIO MODE [NATIVE, 2CHSTEREO, ALLCHSTEREO, DOLBY SURROUND, DOLBY MODE]
GET VOL DEFEAT x	Get input x volume defeat state {x=[DIGITAL,ANALOG,DANTE]}	VOL DEFEAT [DIGITAL,ANALOG.DANTE] [ON, OFF]
GET 2CH MODE x	Get input x default two channel decode mode {x=[EARC, DIGITAL, ANALOG,DANTE]}	2CH MODE [EARC, DIGITAL, ANALOG,DANTE] [LAST, 2CHSTEREO,ALLCHSTEREO, DOLBY SURROUND,DOLBY MODE]
GET MULTICH MODE x	Get input x default multichannel decode mode of input {x=[EARC, DIGITAL]}	MULTICH MODE [EARC, DIGITAL] [LAST,NATIVE,2CHSTEREO,ALLCHSTEREO, DOLBY SURROUND, DOLBY MODE]
GET DRC x	Get input x Dynamic Range Control mode {x=[EARC, DIGITAL]}	DRC [EARC, DIGITAL] [OFF/ON/AUTO]
<b>SPEAKER VOLUME Commands</b>		
SET VOL x	Set speaker volume level x {x=[0~100]}	<p>VOL [0~100]</p> <p>if VOL DEFEAT x ON, where x is the active input [DIGITAL, ANALOG, DANTE], then the response is as follows: VOL DEFEATED</p> <p>if DMVOL FOLLOW ON will printout both VOL and HVOL, HVOL FOLLOW cannot be ON if VOL DEFEAT is set to on for any input, the response will be as follows: VOL [0~100] DMVOL [0~100]</p>
SET VOL+ x	Increase speaker volume level by x {x=[1~100, optional default=1]}	<p>VOL [0~100]</p> <p>if VOL DEFEAT x ON, where x is the active input [DIGITAL], then the response is as follows: VOL DEFEATED</p> <p>if DMVOL FOLLOW ON will printout both VOL and DMVOL, DMVOL FOLLOW cannot be ON if VOL DEFEAT is set to on for any input, the response will be as follows: VOL [0~100] DMVOL [0~100]</p>

		VOL [0~100]  if VOL DEFEAT x ON, where x is the active input [DIGITAL], then the response is as follows: VOL DEFEATED  if DMVOL FOLLOW ON will printout both VOL and DMVOL VOL [0~100] DMVOL [0~100]
SET VOL- x	Decrease speaker volume level by x {x=[1~100, optional default=1]}	
SET MAX VOL x	Map the maximum speaker max volume level x to 100. {x=[10~100]}	MAX VOL [10~100]
SET ON VOL x	Set the speaker volume level x when the unit powers on {x=[0~100]}	ON VOL [0~100]
SET MUTE	Mute speaker output	MUTE
SET UNMUTE	Unmute speaker output	UNMUTE
		VOL [0~100]  if VOL DEFEAT x ON, where x is the active input [DIGITAL, ANALOG, DANTE], the response will be as follows: VOL DEFEATED
GET VOL	Get speaker volume level	
GET MAX VOL	Get value of speaker max volume level	MAX VOL [10~100]
GET ON VOL	Get the master volume level when the unit powers on	ON VOL [0~100]
GET MUTE	Get status of speaker mute	[MUTE, UNMUTE]
<b>DOWNMIX VOLUME Commands</b>		
		HVOL [0~100]  if HVOL FOLLOW is ON then HVOL FOLLOW LOCKED
SET DMVOL x	Set downmix volume level x {x=[0~100]}	
		DMVOL [0~100]
SET DMVOL+ x	Increase downmix volume level by x {x=[1~100, optional default=1]}	if DMVOL FOLLOW is ON then DMVOL FOLLOW LOCKED
		DMVOL [0~100]
SET DMVOL- x	Decrease downmix volume level by x {x=[1~100, optional default=1]}	if DMVOL FOLLOW is ON then DMVOL FOLLOW LOCKED
SET MAX DMVOL x	Map the maximum downmix volume level x to 100. {x=[10~100]}	MAX DMVOL [10~100]
SET ON DMVOL x	Set the downmix volume level x when the unit powers on {x=[0~100]}	ON DMVOL [0~100]

SET DMVOL FOLLOW x	Set downmix volume to follow speaker volume {x=[OFF,ON,DEFEAT]}	DMVOL FOLLOW [ON,OFF,DEFEAT]
SET DMMUTE	Mute downmix output	DMMUTE
SET DMUNMUTE	Unmute downmix output	DMUNMUTE
GET DMVOL	Get downmix volume level	DMVOL [0~100]
GET MAX DMVOL	Get value of downmix max volume level	MAX DMVOL [10~100]
GET ON DMVOL	Get the downmix volume level when the unit powers on	ON DMVOL [0~100]
GET DMVOL FOLLOW	Get status of downmix volume follow mode	DMVOL FOLLOW [ON,OFF]
GET DMMUTE	Get status of downmix mute	[DMMUTE, DMUNMUTE]
<b>SUBWOOFER Commands</b>		
SET SUB MUTE	Mute subwoofer output	SUB MUTE
SET SUB UNMUTE	Unmute subwoofer output	SUB UNMUTE
GET SUB MUTE	Get status of subwoofer mute	SUB [MUTE, UNMUTE]
<b>Network Setup Command ( xxx=[000-255], zzzz=[0001~9999])</b>		
SET RIP xxx.xxx.xxx.xxx	Set route IP address to xxx.xxx.xxx.xxx	RIP [0~255].[0~255].[0~255].[0~255]
SET HIP xxx.xxx.xxx.xxx	Set host IP address to xxx.xxx.xxx.xxx	HIP [0~255].[0~255].[0~255].[0~255]
SET NMK xxx.xxx.xxx.xxx	Set net mask to xxx.xxx.xxx.xxx	NMK [0~255].[0~255].[0~255].[0~255]
SET TIP zzzz	Set TCP/IP port to zzzz	TIP [1~65535]
SET DHCP x	Set DHCP {x=[ON,OFF]}	DHCP [ON, OFF]
SET HOSTNAME	Set device hostname x {x=[hostname]}	HOSTNAME xxxxxxxxxxxxxx
GET RIP	Get route IP Address	RIP [0~255].[0~255].[0~255].[0~255]
GET HIP	Get host IP Address	HIP [0~255].[0~255].[0~255].[0~255]
GET NMK	Get net mask	NMK [0~255].[0~255].[0~255].[0~255]
GET TIP	Get TCP/IP port	TIP [1~65535]
GET DHCP	Get DHCP status	DHCP [ON, OFF]
GET MAC	Get MAC address	MAC xx:xx:xx:xx:xx:xx
<b>Dante Network Setup Command ( xxx=[000-255], zzzz=[0001~9999])</b>		
SET DANTE RIP xxx.xxx.xxx	Set route IP address to xxx.xxx.xxx.xxx	DANTE RIP [0~255].[0~255].[0~255].[0~255]
SET DANTE HIP xxx.xxx.xxx	Set host IP address to xxx.xxx.xxx.xxx	DANTE HIP [0~255].[0~255].[0~255].[0~255]
SET DANTE NMK xxx.xxx.xxx	Set net mask to xxx.xxx.xxx.xxx	DANTE NMK [0~255].[0~255].[0~255].[0~255]
SET DANTE DHCP x	Set DHCP {x=[ON,OFF]}	DANTE DHCP [ON, OFF]
GET DANTE RIP	Get route IP Address	DANTE RIP [0~255].[0~255].[0~255].[0~255]
GET DANTE HIP	Get host IP Address	DANTE HIP [0~255].[0~255].[0~255].[0~255]
GET DANTE NMK	Get net mask	DANTE NMK [0~255].[0~255].[0~255].[0~255]
GET DANTE DHCP	Get DHCP status	DANTE DHCP [ON, OFF]