

# Windows command list

Functions such as the display and audio installed in Moverio are controlled by dedicated commands on Windows. The dedicated command uses the standard Windows COM port access API, System.IO.Ports.SerialPort. See the table below for the types of dedicated commands and operating models.

Command	Palamerter	Return Value	Description	BT-35E /30E	BT-30C	BT-40	BT-45C
setbright <bright>	0~20 : Brightness Level 50 : Auto exposure On	OK : Complete NG1~4 : Error	Adjustment of display brightness	●	●	●	●
getbright	None	0~20 : Brightness Level 50 : Auto exposure On NG1~4 : Error	Display brightness level acquisition, brightness adjustment mode status acquisition	●	●	●	●
set2d3d <dimension ID>	0 : 2Dimage 1 : 3Dimage	OK : Complete NG1~4 : Error	2D/3D display mode switching	●	●	●	●
get2d3d	None	0 : 2Dimage 1 : 3Dimage NG1~4 : Error	2D/3D display mode status acquisition	●	●	●	●
getfimver	None	Version : Complete NG1~4 : Error	Firmware version aquisition	●	●	●	●
setvol <volume>	<BT-35E/30E> 0~15 <BT-30C> 0~20 : Limit on 0~27 : Limit off	OK : Complete NG1~4 : Error	Earphone volume setting	●	●		
getvol	None	<BT-35E/30E> 0~15 : Complete NG1~4 : Error <BT-30C> 0~20 : Limit on : Complete 0~27:Limit off : Compele NG1~4 : Error	Earphone volume level staus acquisition	●	●		
enableLoud <go/stop>	Go : Volume upper limit release Stop : Volume upper limit setting	OK : Complete NG1~4 : Error	Earphone output maximum volume upper limit mode switching		●		
enableautobright <state>	0 : Auto dimming OFF 1 : Auto dimming ON	OK : Complete NG1~4 : Error	Brightness adjustment mode switching			●	●
getautobright	None	0 : Auto dimming OFF 1 : Auto dimming ON	Brightness adjustment mode status acquisition			●	●

setmute <state>	0 : Display on 1 : Display off	OK : CompleteNG1~4 : Error	Display mute setting			●	●
getmute	None	0 : Display on 1 : Display off	Display Mute status acquisition			●	●
enableautosleep <state>	0 : Auto sleep OFF 1 : Auto sleep ON	OK:Complete NG1~4:Error	Enable/disable display mute by detecting the stationary state of the headset			●	●
getautosleep	None	0 : Auto sleep OFF 1 : Auto sleep ON	Acquires the enabled/disabled state of display mute by detecting the stationary state of the headset			●	●
enableusersleep <state>	0 : Manual sleep OFF 1 : Manual sleep ON	OK : CompleteNG1~4 : Error	Enable/disable display mute by headset tap detection			●	●
getusersleep	None	0 : Manual sleep OFF 1 : Manual sleep ON	Acquisition of display TAP mute enable/disable setting			●	●
setdisplaydistance <pixel sift>	-32~256 : Pixel shift amount	OK : Complete NG1~4 : Error	Virtual display distance setting(Convergence angle change)			●	●
getdisplaydistance	None	0~20 : Brightness level	Virtual display distance (angle of convergence) acquisition			●	●
getsystemstat	None	1 : Initializing 2 : No video signal 3 : Displaying image 4 : Display OFF 5 : Inprocess of recovering 6 : Abnormal temperature	System status acquisition			●	●
getdisptemp	None	temperture : success NG 1~4 : Error	Panel temperature acquisition			●	●
getsystemtemp	None	tempeture : success NG1~4 : Error	MCU temperature acquisition			●	●
getdevname	None	product name : success NG1~4 : Error	Product name acquisition			●	●
gethserial	None	headset serial : success Error:<reason> : error	Get headset serial number			●	●