

H77 RS232 Protocol function list

V.C01

Interface

3 wires RS-232C Protocol
Baud Rate : 9600
Data Bits: 8
Parity: None
Stop Bits: 1
Flow Control : None

Command Sequence

Write	Basic Protocol
Header :	‘*’
Address Code :	‘0’ fixed
Command Code :	ASCII Text
Data :	Fixed 3 digits
Terminator Code :	Carriage Return
Delimiter : Space	Carriage Return

Command Sequence

Read	Basic Protocol
Header	‘*’
Address Code	‘0’ fixed
Command Code	ASCII Text
Data	‘?’ fixed
Terminator Code	Carriage Return
Delimiter	Carriage Return

Acknowledgement

	Basic Protocol
Receive OK	“*000<CR>”
Unknown Command	“*255<CR>”
Invalid Command	“*001<CR>”
In current source	
Data value out of range	“*002<CR>”
Data response	As Write Command Format

Function List

	Basic(Original)	Basic (Update)
Power On	OKOKOKOKOK	
Power Off	* 0 IR 002	
Source	* 0 IR 003	
V. KeyStone	* 0 IR 004	
Zoom	* 0 IR 005	
Freeze	* 0 IR 007	

Menu	* 0 IR 008	
Up	* 0 IR 009	
Down	* 0 IR 010	
Right	* 0 IR 011	
Left	* 0 IR 012	
Enter	* 0 IR 013	
Re-Sync	* 0 IR 014	
Source S-Video	* 0 IR 018	
Source Composite Video	* 0 IR 019	
Aspect ratio 16: 9	* 0 IR 021	
H. KeyStone	* 0 IR 023	
Video Mute(Hide)	* 0 IR 024	
Brightness	* 0 IR 025	
Contrast	* 0 IR 026	
Color Temperature	* 0 IR 027	
Advanced adjustment : Red contrast	* 0 IR 028	
Advanced adjustment : Green contrast	* 0 IR 029	
Advanced adjustment : Blue contrast	* 0 IR 030	
Advanced adjustment : Red Brightness	* 0 IR 031	
Advanced adjustment : Green Brightness	* 0 IR 032	
Advanced adjustment : Blue Brightness	* 0 IR 033	
Format Mode	* 0 IR 034	
Mode	* 0 IR 035	
Signal : Horizontal	* 0 IR 036	
Signal : Vertical	* 0 IR 037	
Signal : Frequency	* 0 IR 038	
Signal : Phase	* 0 IR 039	
Aspect Ration : Native	* 0 IR 040	
Aspect Ration : Window	* 0 IR 041	
Aspect Ration : Letter Box	* 0 IR 042	
Language	* 0 IR 043	
Bulb (lamp information)	* 0 IR 044	
Auto Image :On	* 0 IR 045	
Auto Image : Off	* 0 IR 046	
Auto Shutdown :On	* 0 IR 047	
Auto Shutdown :Off	* 0 IR 048	
Source : BNC terminal	* 0 IR 049	
Sharpness	* 0 IR 050	
Source : DVI terminal	* 0 IR 051	
Source : RCA terminal	* 0 IR 052	
Color	* 0 IR 053	
TINT	* 0 IR 054	
Image mode	* 0 IR 055	
White peaking	* 0 IR 056	

Read(Query) Command

	Basic	Return Status	Mean
Lamp Status	Lamp ?	Lamp 0 Lamp 1	Lamp Off Lamp On

Source	Src ?	Src 0 Src 1 Src 2 Src 3 Src 4 Src 5 Src 6	No signal connect Analog RGB display Digital RGB display HDTV display S-Video display Composite Video Display Component Video display
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