

**RS232 Command List**

| 1 Connection   |  |
|--|--|
| 1.1 Character set  | Asynchronous communication                             |
| 800 pin connector  | Male   |
| Data rate  | 1  |
| Parity   | None   |
| Stop bits  | 1  |
| Flow control   | None   |
| 1.2 Wiring   |  |
| Connect the computer and projector with RS232 cross cable  |  |
| 2 Communication  |  |
| 2.1 The Projector command is defined one command line that starts "C" and ends carriage return CR.                     |  |
| 2.2 There are two types of command, functional execution commands and status read commands                             |  |
| 2.3 Response for status read command after accepting two different characters.   |  |
| Example  |  |
| A. Functional execution command  |  |
| Power ON command is sent to the projector with "C" CR, the projector returns a "ACK CR" or "NAK CR" code               |  |
| PC → Projector "C" " " " " CR  | ACK (or NAK) CR  |
| Projector → PC   | processing command                                     |
| B. Status read command   |  |
| Power Status command is sent to the projector with "C" CR, the projector returns a power status plus CR or NAK CR code |  |
| PC → Projector "C" " " " " CR  | " " " " " " (or NAK) CR                                |
| Projector → PC   | processing command                                     |
| 3 Command List   |  |
| Command (HEX/CR)   | Function   |
| 0040 30 30 00  | POWER ON   |
| 0040 30 31 00  | POWER OFF (Power OFF immediately)                      |
| 0040 30 32 00  | POWER OFF  |
| 0040 30 33 00  | UGA IN 1   |
| 0040 30 34 00  | UGA IN 2   |
| 0040 30 37 00  | Menu   |
| 0040 30 34 00  | S-Menu   |
| 0040 30 33 00  | Component  |
| 0040 30 30 00  | Menu   |
| 0040 30 31 00  | SETTINGS   |
| 0040 31 30 00  | Memory Menu  |
| 0040 31 31 00  | USB Display  |
| 0040 30 30 00  | COMPARE  |
| 0040 30 40 00  | Separation   |
| 0040 30 40 00  | Separation   |
| 0040 30 43 00  | Menu on  |
| 0040 30 40 00  | Menu off   |
| 0040 30 30 00  | Separation   |
| 0040 30 31 00  | Separation   |
| 0040 30 30 00  | Stand on   |
| 0040 30 30 00  | Stand off  |
| 0040 30 40 00  | Stand on   |
| 0040 30 40 00  | Stand off  |
| 0040 30 41 00  | Timer  |
| 0040 30 40 00  | Timer (ON)   |
| 0040 30 40 00  | Timer off  |
| 0040 30 40 00  | Stand on   |
| 0040 30 40 00  | Stand off  |
| 0040 30 30 00  | Digital zoom +   |
| 0040 30 31 00  | Digital zoom -   |
| 0040 30 30 00  | Zoom +   |
| 0040 30 41 00  | Zoom -   |
| 0040 31 30 00  | Dynamic  |
| 0040 31 31 00  | Normal(image select)                                   |
| 0040 31 30 00  | Component  |
| 0040 30 40 00  | Screen Normal aspect 3:2                               |
| 0040 31 30 00  | Screen Wide aspect 16:9                                |
| 0040 31 30 00  | Image Cinema   |
| 0040 31 30 00  | Reset  |
| 0040 30 40 00  | DISPLAY CLEAR  |
| 0040 30 30 00  | BRIGHTNESS +   |
| 0040 30 31 00  | BRIGHTNESS -   |
| 0040 30 20 00  | MANUAL FOCUS   |
| 0040 30 30 00  | Stand on Standby                                       |
| 0040 30 30 00  | Stand on Standby                                       |
| 0040 30 41 00  | Power Management Ready                                 |
| 0040 30 40 00  | Power Management OFF                                   |
| 0040 30 40 00  | Power Management Stand down                            |
| 0040 30 41 00  | POWER RIGHT  |
| 0040 30 42 00  | POWER LEFT   |
| 0040 30 43 00  | POWER UP   |
| 0040 30 44 00  | POWER DOWN   |
| 0040 30 40 00  | ENTER  |
| 0040 30 30 00  | Auto PC A/DL   |
| 0040 30 30 00  | Jump Timer Reset                                       |
| Get the information of operation status  |  |
| 0040 30 30 00  | 00" Power on   |
| 0040 30 30 00  | 01" Standby  |
| 0040 30 30 00  | 02" Countdown in process                               |
| 0040 30 30 00  | 03" Cooling Down in process                            |
| 0040 30 30 00  | 04" Power Failure                                      |
| 0040 30 30 00  | 05" Cooling Down in process due to Temperature Anomaly |
| 0040 30 30 00  | 06" Cooling back after Temperature Anomaly             |
| 0040 30 30 00  | 07" Power Management cooling                           |
| 0040 30 30 00  | 08" Suspended state/Power management Ready             |
| 0040 30 30 00  | 09" Cooling Down in process after lamp off             |
| 0040 30 30 00  | 0A" Standby after Cooling Down process due to lamp off |
| Get the information of input source  |  |
| 0040 30 30 00  | 00" UGA 1  |
| 0040 30 30 00  | 01" UGA 2  |
| 0040 30 30 00  | Component  |
| 0040 30 30 00  | Menu   |
| 0040 30 30 00  | COMPARE  |
| 0040 30 30 00  | Memory Menu  |
| 0040 30 30 00  | USB Display  |
| Get screen setting status  |  |
| 0040 30 30 00  | 00" Normal screen setting                              |
| 0040 30 30 00  | 01" Rear & Cooling ON                                  |
| 0040 30 30 00  | 02" Rear ON  |
| 0040 30 30 00  | 03" Cooling ON   |
| Get the temperature data inside the projector  |  |
| 0040 30 30 00  | "01" "02" "03"   |
| 0040 30 30 00  | "04" Temperature of Sensor 1                           |
| 0040 30 30 00  | "05" Temperature of Sensor 2                           |
| 0040 30 30 00  | "06" Temperature of Sensor 3                           |
| 0040 30 30 00  | Temperature data is shown as "0A.0"                    |
| Get the lamp mode status   |  |
| 0040 30 30 00  | 00" Light is out                                       |
| 0040 30 30 00  | 01" Light is on  |
| Detect detail of the power failure   |  |
| 0040 30 30 00  | Detect detail of the power failure                     |
| 0040 30 30 00  | 00" MAIN / ALL OK                                      |
| 0040 30 30 00  | 01" FAN / SV OK  |