

# RS232 Command List for EK-830 Series

2020.3.27 komoda

Ver.1.00

## ●Connection

### <Port setting>

Baud Rate 9600 bps  
Parity None  
Data Length 8 bit  
Stop Bit Length 1 bit

### <Wiring>

Connect the computer and projector with RS232 cross cable

## ●Format

### <Command format>

Header: '\*'  
Delimiter CR (0x0Dh)  
Command 3Byte (ASCII Character)  
Separator "=" Command and Parameter  
Parameter Variable length

### <Response format>

Header: '#'  
Delimiter CR (0x0Dh)  
Command 3Byte (ASCII Character, command echo)  
Separator "=" Command and Parameter  
Parameter Variable length

## ●Details and examples

### <Setting Command>

#### Get

'\*' 'X' 'X' 'X' CR

PARAM: None

#### Example

Get Picture Mode (Standard = 1)

'\*' 'P' 'I' 'M' CR

#### Set

'\*' 'X' 'X' 'X' '=' PARAM CR

PARAM: [ASCII number] Set the value (See the conversion table.)

#### Example

Set Picture Mode (Standard = 1)

'\*' 'P' 'I' 'M' '=' '1' CR

## ●Response of Illegal command

### <Unsupported command>

#### Example

Unknown Command

'\*' 'A' 'B' 'C' CR

### <Command error>

Command is correct but unable to execute.

Parameter Error (unknown)

'\*' 'P' 'I' 'M' '=' 'X' 'Y' 'Z' CR

Parameter Error (out of range)

'\*' 'P' 'I' 'M' '=' '8' CR

A get command is sent for command that status is not available.

'\*' 'P' 'I' 'M' CR

Load lens command is sent when the lens memory #2 is empty.

'\*' 'L' 'E' 'N' '=' '2' CR

'#' 'X' 'X' 'X' '=' PARAM CR

PARAM: Current value (ASCII number)  
(See the conversion table in the command list.)

'#' 'P' 'I' 'M' '=' '1' CR

'#' 'X' 'X' 'X' '=' PARAM CR

PARAM: The value after setting

'#' 'P' 'I' 'M' '=' '1' CR

'#' 'E' 'R' 'O' CR

'#' 'E' 'R' 'O' CR

'#' 'X' 'X' 'X' '=' 'E' 'R' 'O' CR

'#' 'P' 'I' 'M' '=' 'E' 'R' 'O' CR

'#' 'P' 'I' 'M' '=' 'E' 'R' 'O' CR

'#' 'P' 'I' 'M' '=' 'E' 'R' 'O' CR

'#' 'L' 'E' 'N' '=' 'E' 'R' 'O' CR

