
RS232 serial communication protocol

1. Control parameter

When serial port control is adopted, please set the baud rate as 9600, set 8-bit data bit, 1-bit stop bit, and no check bit.

2. Communication control protocol

The following protocols support matrices of all models, including VGA series, DVI series and HDMI series:

- Change audio and video simultaneously: "Input channel No. V Output channel No.", for example, the code is "2V15" to switch the channel 2 input to channel 15 output.
- Switch a channel of input audio and video to all outputs: "Input channel No. V TOALL.", for example, the code is "2TOALL" to switch the channel 2 audio and video input to all outputs.
- Save mode. To save a mode with mode No. of N, the code is "SAVEN". For example, the code is "SAVE2" to save the mode with mode No. of 2.
- Call mode. To call a mode with mode No. of N, the code is "CALLN". For example, the code is "CALL2" to call the saved mode with mode No. of 2.
- Switching between Chinese and English: The code is "LANGC" to switch the system language to Chinese, and "LANGE" to switch the system language to English.
- Restore factory defaults. The code is "RESET" to restore the system to factory settings.
- Buzzer switch. The code is "BUZON" to turn on the buzzer of equipment, and "BUZOFF" to turn off the buzzer.
- Equipment identification code: The code is "IDN" to change the machine cognition code of equipment. For example, the code is "ID2" to change the equipment identification code into 2.