

# Sending RS232 commands from external API

## API Information:

POST <https://core.enplug.com/v1/commandreceiver/execute?eduid=<device id>>

Headers:

Authorization: Bearer <auth token>

- Replace <auth token> with the authorization token of the user.

Content-Type: application/json

Body:

```
{  
  "Target": "tvcontroller",  
  "Command": "serial",  
  "Argument": ["command"]  
}
```

- Replace **command** with the serial command you would like to send to the serial device connected to the Enplug device.

After sending the serial command, the post should return with the response from the serial device in 5 seconds if the command executed properly.

## RS232 Command Information:

Hardware:

Currently supports USB to Serial Prolific (PL2303) cable with a null-modem adapter.

The RS232 protocol uses the following default communication settings:

- Baud Rate Select: 9600 bps (fixed)
- Data bits: 8 bits (fixed)
- Parity: None (fixed)
- Stop Bits: 1 (fixed)

Currently, only the baud rate is adjustable and can be changed by changing the EduSettings: "baud" to the appropriate value in bps.

The message will be appended with a carriage return <CR> (00Dh) by default so it does not need to be included in the command being sent.

The serial command will be read as a String and converted to their byte values before being sent to the serial device.