



BLSD controllers - firmware update of

If it is needed to change or update firmware of BLSD controllers, it is possible on a customer site.

For firmware updating it is needed **firmware file** (request from our office), **interface converter** (TS-485 – USB is recommended) and **HyperTerminal** software (a part of windows installation).

For firmware updating procedure, please, follow next steps:

- 1.** Connect BSLD controller to a computer using an interface converter.
- 2.** Turn on BLSD power supply.
- 3.** Start Hyper Terminal software (usually, it is a part of Windows OS). The general location is *Start > Programs > Accessories > Communications > HyperTerminal*.
- 4.** In Hyper Terminal start new connection, set a connection name (any name, “BLSD” at the image).



- 5.** Chose port number, which is assigned to BLSD connection.

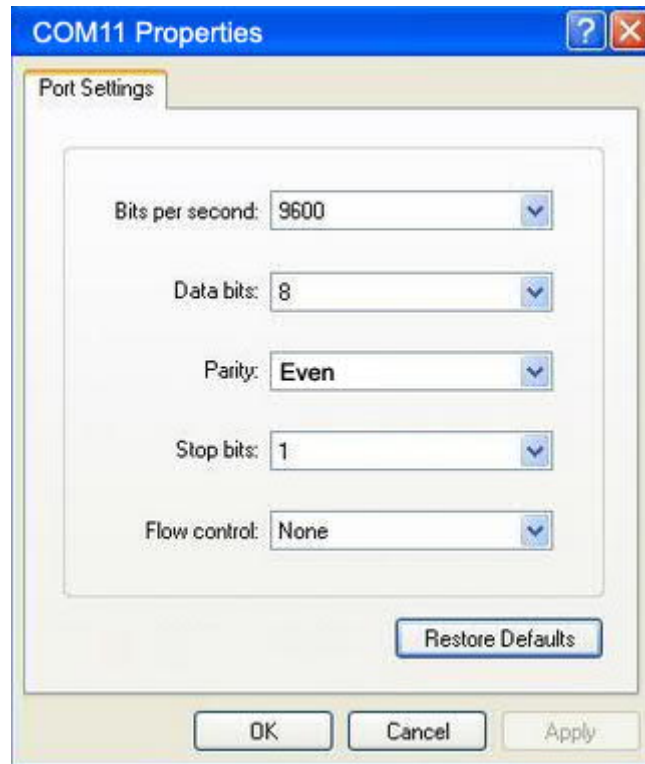




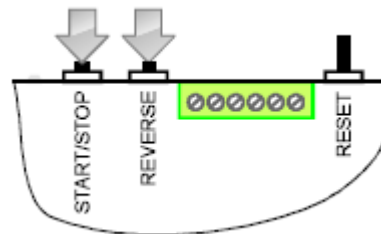
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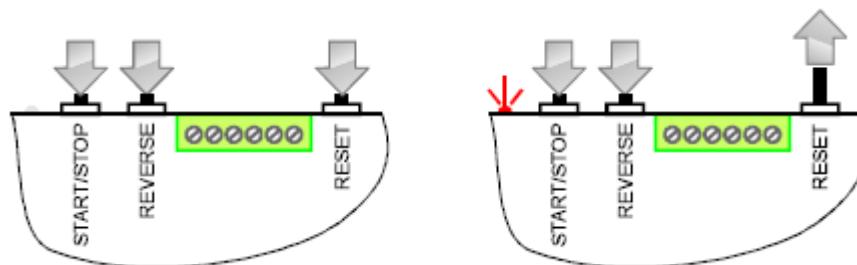
6. Set port properties: Bits per second - 9600, Data bits – 8, parity – even, Stop bits – 1, Flow control – none.



7. Simultaneously press and **hold** START/STOP and REVERSE buttons on BLSD controller.



8. Hold START/STOP and REVERSE buttons and same time press and release RESET button. Red led should turn on.



9. After that release START/STOP and REVERSE buttons.

10. In Hyper Terminal window handshake message will appear.

