



4 Other useful commands

Name	Byte sequence	Reference
Single distance (via SyncContainer)	C0 50 02 21 02 74	Command 80a, MT-Protocol LRF command set
Single distance (alternative)	C0 40 01 80 C6	Command 64, MT-Protocol LRF command set
Laser on	C0 41 00 96	Command 65, MT-Protocol LRF command set
Laser off	C0 42 00 1E	Command 66, MT-Protocol LRF command set
Get device name	C0 05 00 C2	Command 5, MT-Protocol general
Get device info	C0 06 00 4A	Command 6, MT-Protocol general
Get communication info	C0 00 00 FC	Command 0, MT-Protocol general
Get MT-Protocol info	C0 04 00 BA	Command 4, MT-Protocol general

c. Interpret the response.

Response of  consists of 36 bytes. Three bytes of them (marked  in the example response below) are kind of service bytes delivering info whether response was build successfully, number of following data bytes and a checksum. Please refer to general MT-Protocol description Chapter 3.2.1 Response frame format LONG, page 6, to interpret this bytes.

Report

Issue How to proceed single distance measure via USB while charging

Topic

Measured length is delivered within four bytes (marked yellow) according to MT-Protocol LRF command set. Please refer to description LRF command set, command 80a, page 4 for detailed interpretation of response.

00 21 01 02 64 12 00 00 00 00 00 00 00 00 00 00 00 00 15 8C 30 40 67 AA F4 41 DC 73
B5 00 00 32 00 00 00 22

Conversion from hex to float yields to following result: $0x40308c15 = 2.75855$. Please note the reverse byte order for conversion!

Measurement: [2.75855 m]