

# MYC - Communication

## Preliminary Version

Author: DK1RI

Version V01.02.01 20201028

This paper is published in <https://github.com/dk1ri> as well

## Introduction

There are some issues and rules, which should be observed for the different protocols.

## Definitions and formats

see <https://dk1ri.de/myc/Definitions.txt> or <https://dk1ri.de/myc/Definitions.pdf>

## I2C

A transmission should not exceed 254 Byte. The Rxbuffer cannot hold more bytes. If necessary, use multiline. The commandrouter, Logicdevice and human Interface must support this.

Because the slave needs time for commandhandling, the master must be able to wait. Either the master send the read request not directly after a write or it waits during the read process. Slave is isolated from the bus at that time.

## RS232

## Ethernet

## Copyright

Dieses Dokument darf unverändert kopiert werden.

Die Ideen in diesem Dokument unterliegen der GPL (Gnu Public Licence,V2) soweit keine früheren, anderen Rechte betroffen sind.

Die Verwendung der Unterlagen erfolgt auf eigene Gefahr; es wird keinerlei Garantie übernommen.

This document can be copied without changes.

The ideas of this document can be used under GPL (Gnu Public License, V2) as long as no earlier other rights are affected.

The usage of this document is on own risk, there is no warranty.

## Reference

- [1] <https://dk1ri.de/myc/MYC.pdf> (german)
- [2] <https://dk1ri.de/myc/MYC.en.pdf>
- [3] <https://dk1ri.de/myc/Description.txt> or <https://dk1ri.de/myc/Description.pdf>
- [4] <https://dk1ri.de/myc/commands.txt> or <https://dk1ri.de/myc/commands.pdf>
- [5] [https://dk1ri.de/myc/Reserved\\_tokens.txt](https://dk1ri.de/myc/Reserved_tokens.txt) or [https://dk1ri.de/myc/Reserved\\_tokens.pdf](https://dk1ri.de/myc/Reserved_tokens.pdf)

- [6] <https://dk1ri.de/myc/Rules.txt> or <https://dk1ri.de/myc/Rules.pdf>
- [7] <https://dk1ri.de/myc/commandrouter.txt> or <https://dk1ri.de/myc/commandrouter.pdf>
- [8] [https://dk1ri.de/myc/Rules\\_device.txt](https://dk1ri.de/myc/Rules_device.txt) or [https://dk1ri.de/myc/Rules\\_device.pdf](https://dk1ri.de/myc/Rules_device.pdf)
- [9] <https://dk1ri.de/myc/skin.txt> or <https://dk1ri.de/myc/skin.pdf>
- [10] <https://dk1ri.de/myc/logicdevice.txt> or <https://dk1ri.de/myc/logicdevice.pdf>
- [11] <https://dk1ri.de/myc/Definitions.txt> or <https://dk1ri.de/myc/Definitions.pdf>
- [12] [https://dk1ri.de/myc/spec\\_version.txt](https://dk1ri.de/myc/spec_version.txt) or [https://dk1ri.de/myc/spec\\_version.pdf](https://dk1ri.de/myc/spec_version.pdf)
- [13] <https://dk1ri.de/myc/webserver.txt> or <https://dk1ri.de/myc/webserver.pdf>
- [14] <https://dk1ri.de/myc/ki.txt> or <https://dk1ri.de/myc/ki.pdf>