

EidBus Customer Protocol

- EidBus to RS232 Baudrate : 19200 8N1
- The converter has default address 0x00
- The EidBus system has address 0xFF
- All units on the EidBus uses addresses between 0x00 and 0xFF
- Supports only addresses from 0x01 to 0x7F
- Ascii protocoll is used.
- Messages are started with:

"#" and is ended with "\n" or
"\r\n" (windows enter)

- Messages are built as:

"# <address> <command> <unit> \n"

- EidBus supports 3 commands : "Get", "Set " and " Ret "

"Get" is used to ask for data.
"Set" is used to set data.
"Ret" is the responce from units after a "Set" or "Get"

- "Type" and "Name" can be fetched as follows :

Example: Send: "#0x00 Get Name\n"
 Answer: "Eidolon Customer Protocol Converter \n"

- The EidBus system (0xFF) only supports "Get"
- "Get" can ask for "Type" and "Name", you will then receive addresses of all units in the system.
- Now that you know the unit addresses you can ask what settings these units have.

Example : Send: "#0xA1 Get x\n"
 Answer: "0xA1 Ret x:1=4\n"

- You can also ask for "Name" and "Type" direct on the address.
- To set or alter the settings of a unit the "Set" command is used

Example: Send: "#0xA1 Set x:1=3\n"
 Answer: "#0xA1 Ret x:1=3\n"