

hterm 0.8.5

Sending and Receiving Telegrams with Hexadecimal Values

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Issue 0.5
– 03. July 2020 –

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1 Example: Send Command to Bluebox

1.1 Factory Default Communication Settings

- 19200 Baud
- 8 Databits
- 1 Stopbit
- No Parity

1.2 Procedure

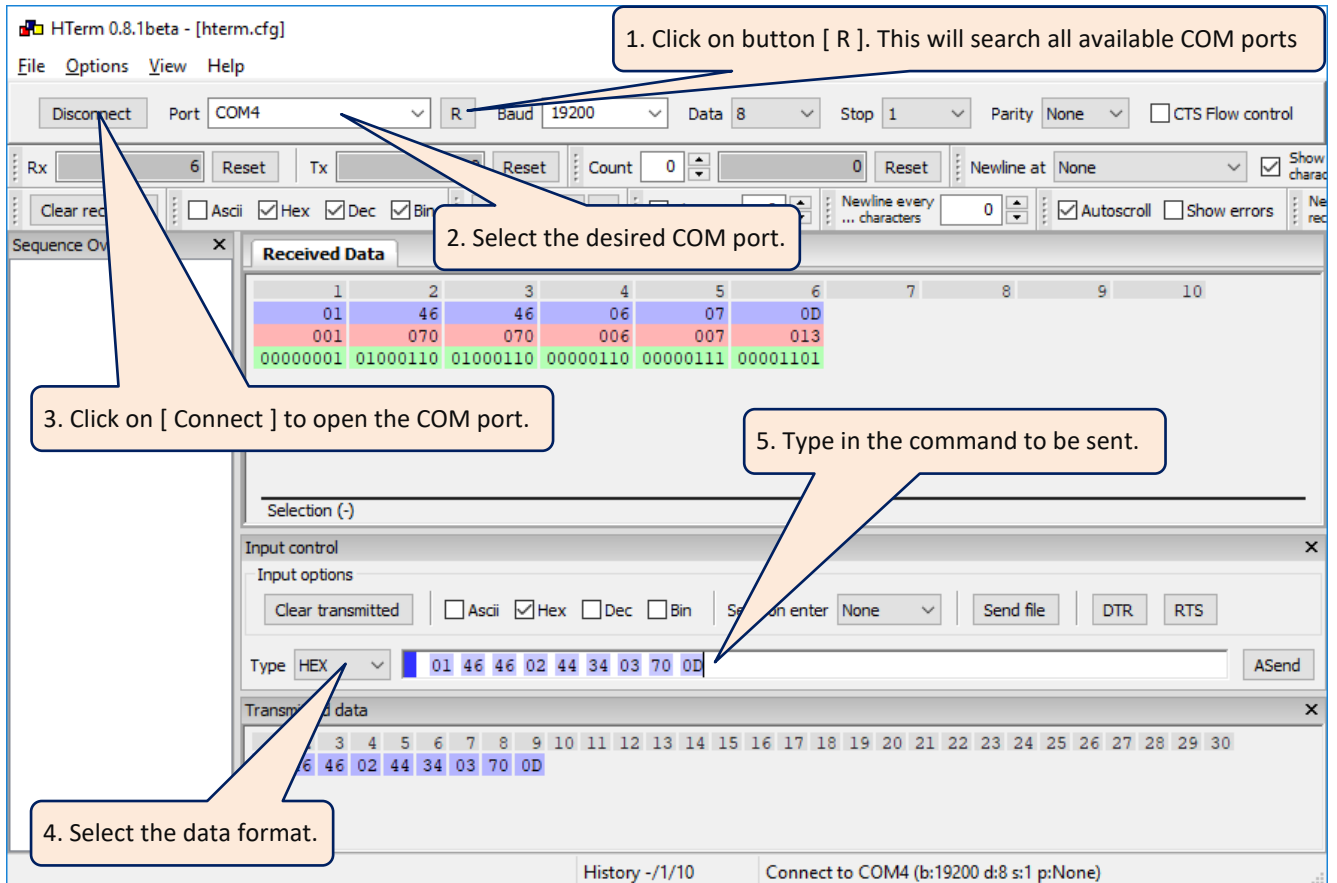


Figure 1 Example with Bluebox

[Enter] will send the command once. So send a command several times or repeat it endlessly see in the following.

The sent data is copied to the window “Transmit data”.

Received data will be shown in the window “Received data”.

1.3 Some Test Commands

Request Firmware Version:	01 46 46 02 33 34 03 07 0D	Reply contains FW string.
Reset Device:	01 46 46 02 33 30 03 03 0D	Reply: 01 46 46 06 07 0D
Set to Factory Defaults:	01 46 46 02 33 31 03 02 0D	Reply: 01 46 46 06 07 0D
RF Deactivation:	01 46 46 02 33 38 03 0B 0D	
RF Activation:	01 46 46 02 33 39 03 0A 0D	

Reply: 01 46 46 06 07 0D (Success, ACK) or 01 46 46 15 14 0D (Error, NACK)

2 Example 2: Send Command to OEM-DESFire Devices

2.1 Factory Default Communication Settings

- 115200 Baud
- 8 Databits
- 1 Stopbit
- No Parity

2.2 Procedure

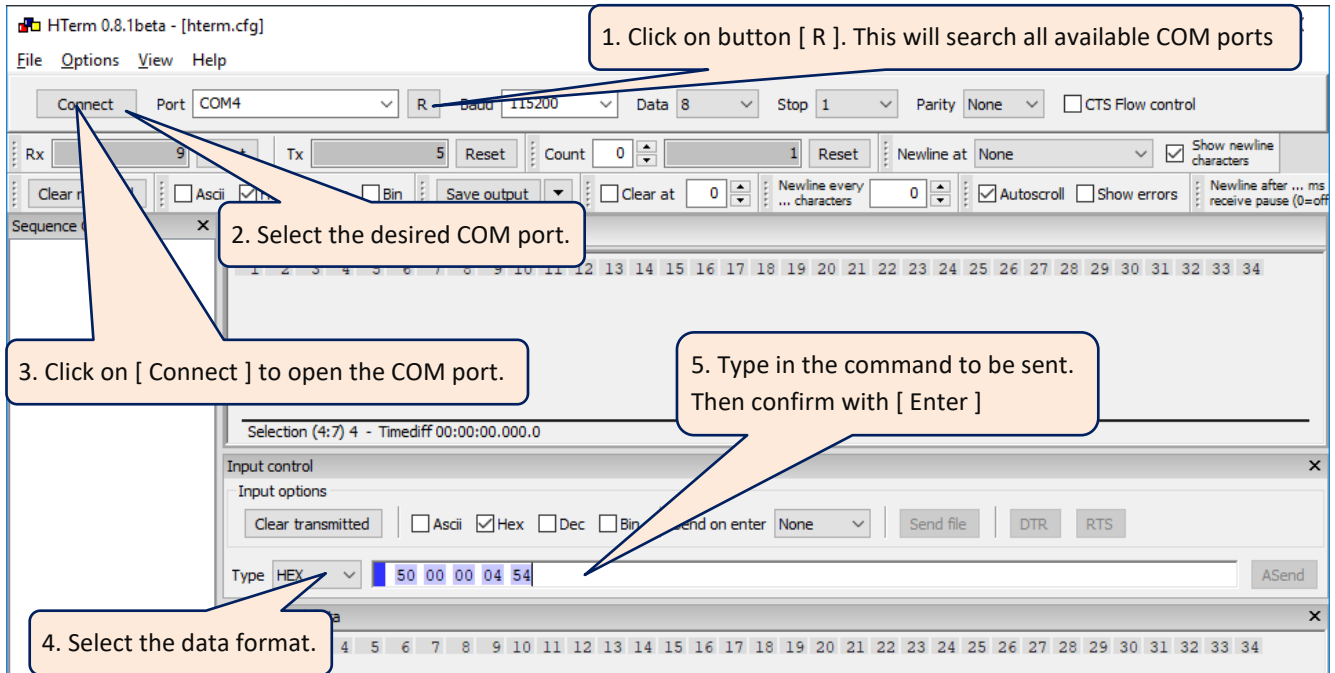


Figure 2 Example with OEM-DESFire Series, send telegramm

Result

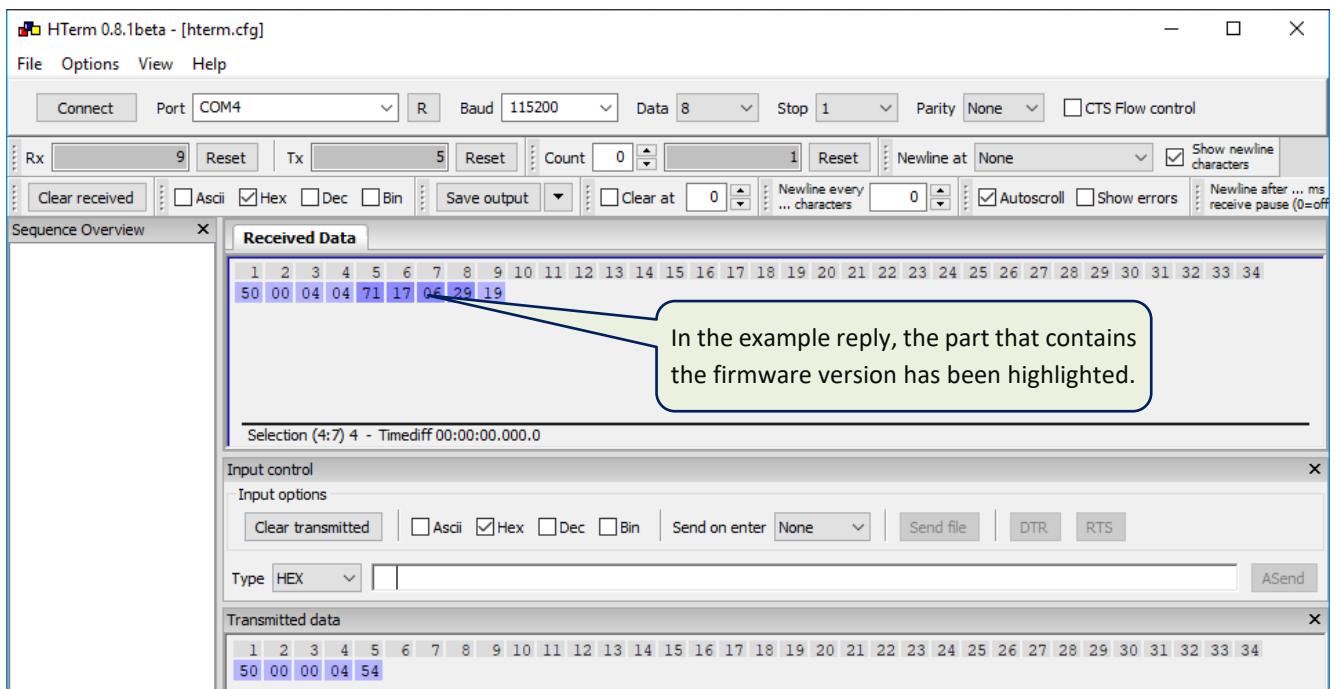


Figure 3 Example with OEM-DESFire Series, receive telegramm

3 Copy Data to Clipboard

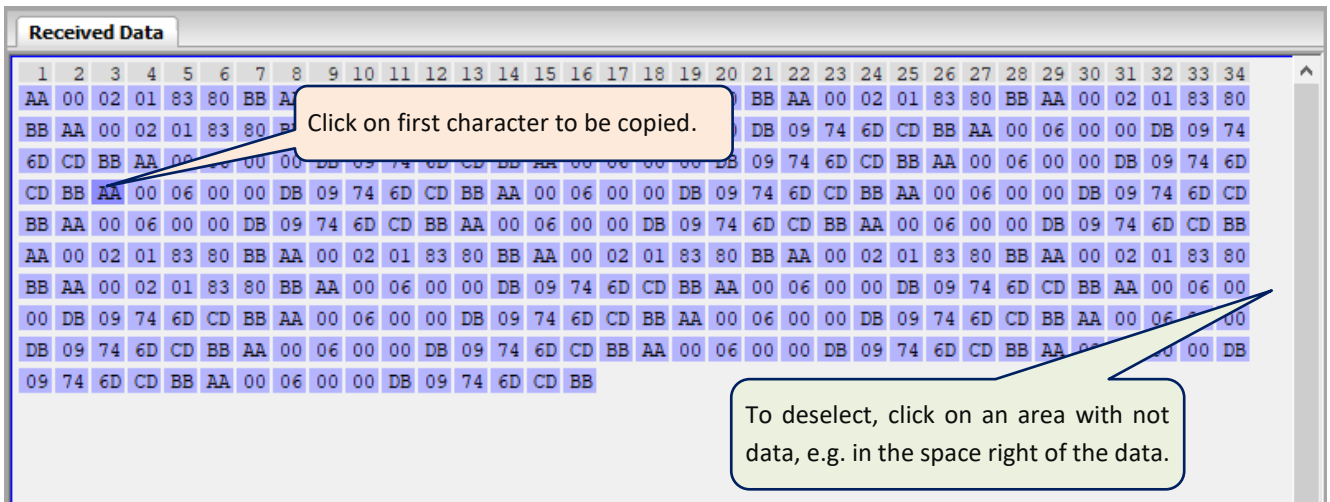


Figure 4 Copy step 1

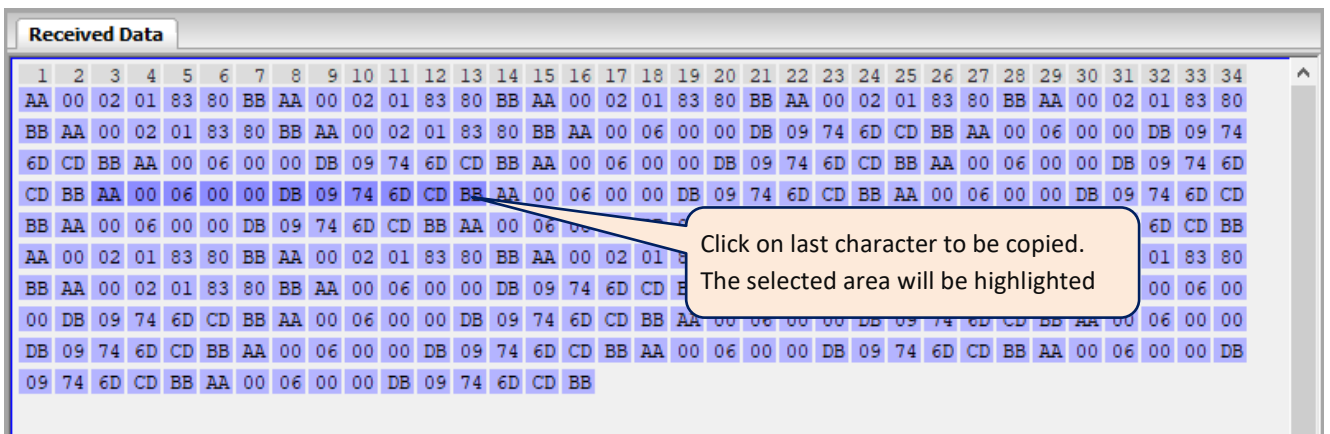


Figure 5 Copy step 2

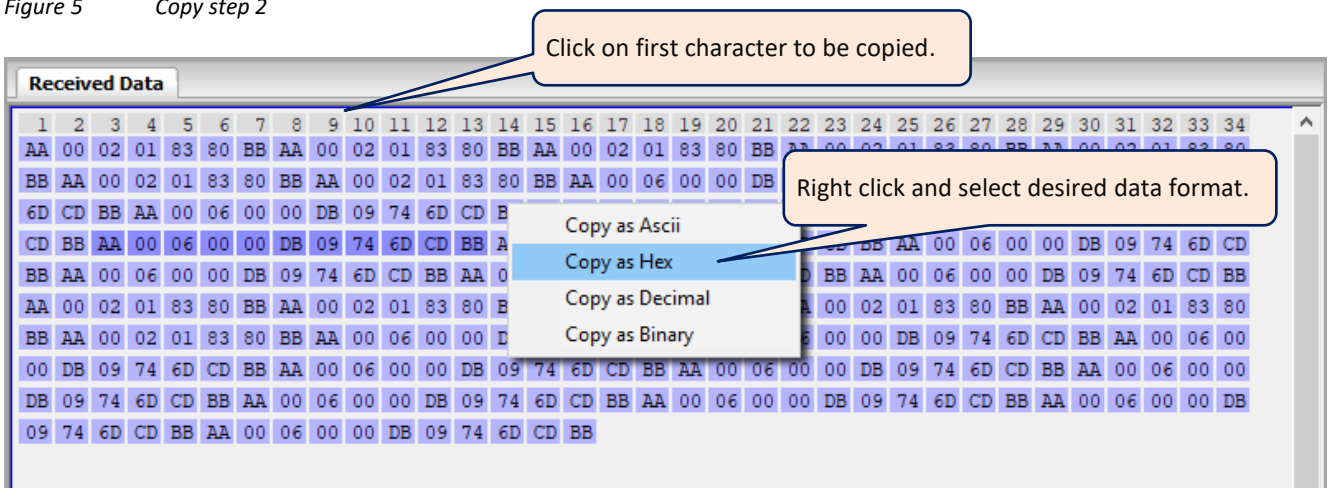


Figure 6 Copy step 3

4 Automatically Send Telegrams

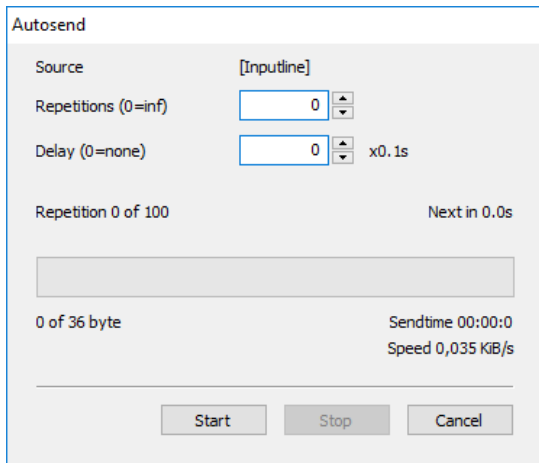


Figure 7 Example for infinite repetitions

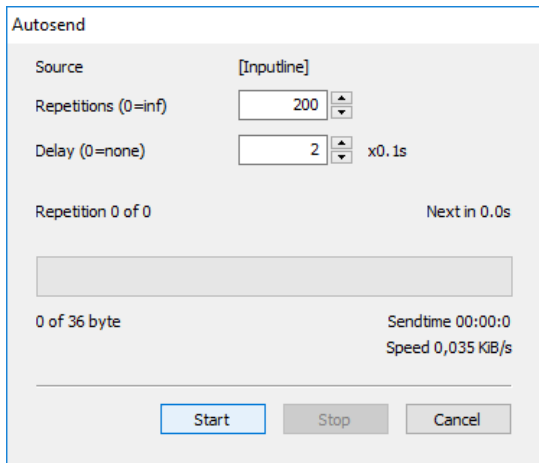


Figure 8 Example for 100 repetitions with a pause of 200 ms

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