	LoggerDecoder	Command line usage	N°:M/SP/POP/279 Edition : D du : 11/101/2016
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**Document à usage interne uniquement / Internal use only**

## LoggerDecoder command line usage

### HISTORICAL USAGE (without indicator):

java -jar LoggerDecoder.jar [*Decoder Name*] [*Name and path of the input file to be decoded*] [*Name and path of the output decoded file*]

### Correct syntax sample :

java -jar LoggerDecoder.jar ANSCHUTZ\_STD20 C:\Log\anschutzz\_std20.log C:\Log\anschutzz\_std20\_decoded.log

### STANDARD USAGE (with indicators):

java -jar LoggerDecoder.jar {**operation indicator** -l | -d} [*args...*] {**connection indicator** -e | -s} [*args...*] {**input file indicator** -f} [*arg*] {**decoding mode indicator** -n} {**frequency indicator** -Hz} [*arg*]

#### Operation indicators:

- l : to log a protocol file  
[*args...*] = [*Decoder Name*] [*Duration(s)*] [*Name and path of the output logged file*]
- d : to decode a protocol file  
[*args...*] = [*Decoder Name*] [*Name and path of the output decoded file*]

#### Connection indicators:

- e : to specify an ethernet connection  
[*args...*] = [*Port*] [*Mode*] [*IP Address*]
- s : to specify a serial connection  
[*args...*] = [*Port*] [*Baud rate*] [*Data bits*] [*Parity*] [*Stop bits*]

#### Input file indicator:

- f : to indicate the name and path of the input file to be decoded  
[*arg*] = [*Name and path of the input file to be decoded*]

#### Decoding mode indicator:

- n : to process a standard decoding (**not possible for all the decoders**)

#### Frequency indicator:


- Hz : to indicate, if necessary, the rate of the input file to be decoded

#### Correct syntax with indicators:

```
java -jar LoggerDecoder.jar -l [Decoder Name] [Duration(s)] [Name/path of the output logged file] -e [Port] [Mode] [IP Address]
java -jar LoggerDecoder.jar -l [Decoder Name] [Duration(s)] [Name/path of the output logged file] -s [Port] [Baud rate] [Data bits] [Parity] [Stop bits]
java -jar LoggerDecoder.jar -d [Decoder Name] [Name/path of the output decoded file] -f [Name/path of the input file to be decoded]
java -jar LoggerDecoder.jar -d [Decoder Name] [Name/path of the output decoded file] -f [Name/path of the input file to be decoded] -n
java -jar LoggerDecoder.jar -d [Decoder Name] [Name/path of the output decoded file] -f [Name/path of the input file to be decoded] -Hz [Frequency]
java -jar LoggerDecoder.jar -d [Decoder Name] [Name/path of the output decoded file] -f [Name/path of the input file to be decoded] -n -Hz [Frequency]

The space character is forbidden in the following arguments: [Decoder Name], [Name/path of the output decoded file], [Name/path of the input file to be decoded].
```

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<p>LoggerDecoder allowed values for the [<i>Mode</i>] argument :</p> <p>0 for TCP Client  1 for TCP Server  2 for UDP  3 for UDP Multicast</p>
<p>LoggerDecoder allowed values for the [<i>Baud rate</i>] argument :</p> <p>0 for 600 Bauds  1 for 1200 Bauds  2 for 2400 Bauds  3 for 4800 Bauds  4 for 9600 Bauds  5 for 19200 Bauds  6 for 38400 Bauds  7 for 57600 Bauds  8 for 115200 Bauds  9 for 230400 Bauds  10 for 460800 Bauds  11 for 921600 Bauds</p>
<p>LoggerDecoder allowed values for the [<i>Data bits</i>] argument :</p> <p>0 for 7 data bits  1 for 8 data bits</p>
<p>LoggerDecoder allowed values for the [<i>Parity</i>] argument :</p> <p>0 for none  1 for even  2 for odd</p>
<p>LoggerDecoder allowed values for the [<i>Stop bits</i>] argument :</p> <p>0 for none  1 for 0.5 stop bits  2 for 1 stop bits  3 for 2 stop bits</p>
<p>Correct syntaxes samples :</p> <pre>java -jar LoggerDecoder.jar -l ANSCHUTZ_STD20 120 C:\Log\anschutzz_std20.log -e 8111 0 192.168.35.184 java -jar LoggerDecoder.jar -l ANSCHUTZ_STD20 120 C:\Log\anschutzz_std20.log -s COM3 4 1 0 2 java -jar LoggerDecoder.jar -d ANSCHUTZ_STD20 C:\Dec\anschutzz_std20.dec -f C:\Log\anschutzz_std20.log java -jar LoggerDecoder.jar -d ANSCHUTZ_STD20 C:\Dec\anschutzz_std20.dec -f C:\Log\anschutzz_std20.log -n java -jar LoggerDecoder.jar -d XC_IMU_POSTPRO C:\Dec\xc_imu_postpro.dec -f C:\Log\xc_imu_postpro.log -Hz 100 java -jar LoggerDecoder.jar -d XC_IMU_POSTPRO C:\Dec\xc_imu_postpro.dec -f C:\Log\xc_imu_postpro.log -Hz 200</pre>

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