

## Specifications

Serial port: RS-232, 9 pins D sub, DCE

Timecode port: RCA audio connector

Input level: 0.3 to 6.0 Vpp

Speed: 0.1x to 10x normal speed

Power: from serial port DTR, RTS and TD.

Note: performance may vary depending on signal quality (noise, jitter, etc)

## Support

support@gellogic.com

## Statement of conformity

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules.

This device is suitable for office or home use.

If an extension is used at either end, it must be shielded.

gēlogic

www.gellogic.com



*n*TCL

User's manual and reference card.

## Description

The **nTCL** (nano TCL) is a serial port powered linear SMPTE timecode reader.

## Operation

Connect the DB9 end to the computer and the RCA end to a linear timecode source. As soon as the port is open, the **nTCL** will start sending the received timecode.

In the default configuration, the **nTCL** will send the timecode continuously in the format:

hh:mm:ss:ff<CR>

This format can be changed using the configuration program available at:

[www.gelologic.com/eng/ntcl.htm](http://www.gelologic.com/eng/ntcl.htm)

You can also control the **nTCL** using the available command set.

## Command set

\$I<cr>	identify
\$Qaazz<cr>	query
\$Maadd<cr>	set memory
\$Saaxx<cr>	set bits
\$Raaxx<cr>	clear bits
\$Y<cr>	recall configuration
\$Z<cr>	save configuration

Where all values are hexadecimal bytes:

aa	address	zz	size
dd	data	xx	bit mask

The nTCL options :

	aaxx
Send continuously	2901
Send timecode	2902
Send flags	2904
Send user bits	2908
Send separators	2910
Send line feed	2920
Send carriage return	2940
Send TOD	2980