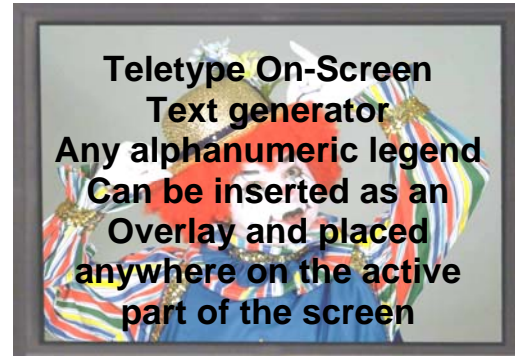


# Navtech Systems video links

## TELETYPE – On screen text typing



A self-contained video on-screen text typing generator to overlay user input text information on to a standard television or video screen.

Input from a keyboard or RS232 serial data message provides for user defined text to be inserted onto the entire screen, in large easy to read characters to allow for ease of communications of events and identification of topics related to the video image.

By inputting a standard NTSC or PAL video signal to the **TeleType** and the o/p video to a monitor, a blue background is shown on the screen when no video is present allowing the user's message to be typed or input from a host serial device. With a video signal the image is output with the text overlay

### Specification:

Video - Standard PAL or NTSC Composite 1 volt pk-pk. 75  $\Omega$   
Keyboard – Midi Qwerty  
Serial data – RS232 at standard 4800 Baud rate  
Video output - As input with text overlay  
Optional GPS receiver for absolute time and date and location  
Power – 12V dc at approx 3 watts from external plug-top power supply

### Text format:-

Up to 680 characters may be displayed on screen, in 40 columns and 17 rows (16 if vertical scrolling is active). 320 character patterns are provided as 12x13 pixel bitmaps, including upper & lower case, italics, European language support, and a set of graphics characters useful for lines, bar graphs, etc. Non-ASCII characters are accessible through a simple command protocol. 63 of the standard character patterns are stored in font RAM and may be replaced by user-defined bitmaps, to support character-based graphics displays or alternate languages.

### Dimensions:

142mm X 82 mm X 32 mm  
Weight - less than 0.5Kg.

### Environmental:

Temperature 0 to + 50 C



**NAVTECH SYSTEMS** Limited

Sulby, Nr. Welford, Northamptonshire. NN6 6EZ. UK.

Telephone: +44 (0)1858 880 857 Fax: +44 (0)1858 880 859

E-mail: [sales@navtechsystems.co.uk](mailto:sales@navtechsystems.co.uk)

Web: [www.navtechsystems.co.uk](http://www.navtechsystems.co.uk)