

# Electronic Compact

## Typewriter/Printer



 **OLYMPIA**

Systems for Information and Communications



# Electronic Compact with Interface

The Perfect Companion for your Personal Computer — The Olympia Electronic Compact Typewriter/Printer.

## Electronic Compact General Information

### Keyboard

Computer-style keyboard with 46 finger molded typing keys, L.E.D. to indicate operation and printer system position as well as typing in upper case letters.

### Paper Handling

Electronic paper feed, electronic paper transport, paper sheet width maximum: 14 $\frac{1}{8}$ " , typing line maximum: 11 $\frac{1}{2}$ " .

### Printer System

Freely positionable, electronically controlled print wheel, easily interchangeable, 5.8 grams, wide variety of styles of types available, printing speed: max. 14 characters per second, pitch: 10, 12 and 15 characters per inch, half-space key, electronic margin setting for left and right typing margin, automatic margin control, electronic impact adjustment, key-in buffer memory: 11 characters, electronic standard tabulator.

### Self Diagnostics

Simple keyboard entry allows service technician to run a preprogrammed diagnostics test.

### Correction Facility

with relocate, express correction in lift-off technology. Correction memory: 46 characters on the line being typed.

### Ribbon Cassette

Carbon ribbon, lift-off correctable.

### Case

Paper support with page end indicator, dimensions: Width 18 $\frac{3}{4}$ " without cord x Height 5.5" x Depth 15" , weight 20 lbs., 6 oz., power supply: 115V/60 Hz.

### Repeat Functions

All typing keys, as well as, space bar, index key, reverse index key, correction key, carrier return, and tab clear plus repeat will clear all tabs.

## Interface Features

### Serial Operation (RS-232-C)

**70 Character Buffer:** Allows receiving a 70 character burst of data, then refills buffer when handshake line indicates more data is needed.

**RTS:** Request to send (handshake), selectable by cabling to pins 4, 5, 6, 8, or 20 through various cable options.

**Modem Capability:** X-on/X-off. Alternate handshake method used with modems and some computers. (Telephone Communications).

**Baud Rates:** Jumper selectable - rates of 75, 150, 300, 600, 1200, 2400, 4800, 9600 and 19200.

### Serial and Parallel Operation

**Form Feed:** ASCII form feed code moves printer to beginning of next page. Jumper selectable to enable/disable form feed operations.

**Line Feed Inhibit:** Jumper selectable allows carrier return with or without line feed.

**Superscript and Subscript:** Use of  $\frac{1}{2}$  line index and reverse index. Index = Escape U, Reverse Index = Escape D.

**Horizontal Half Space:** Allows insertion/deletion of characters and words. Controlled by Escape Space.

### Parallel Operation

**Centronics Compatible:** Allows for rapid transmission of data.

## Interface Specifications

### Receive only.

**Standard RS-232-C Serial Interface:** Molex 4 pin to back of typewriter, molex and appropriate cabling and connector to computer.

**Standard Asynchronous ASCII Code:** 7 bit data, 1 start bit. Accommodates 1 or 2 stop bits automatically and accommodates odd, even or absence of parity bit.

**Baud Rate Options (jumper selectable):** 75, 150, 300, 600, 1200, 2400, 4800, 9600, 19200.

**Print Speed Burst Rate** of Olympia Compact Typewriter is 14 cps. Average print speed of random text 12 cps., repeats 18 to 20 cps, spacing 30+ cps.

**Handshake (busy/ready):** Jumper E selectable (no soldering), for Busy = hi (+ 10v) or Busy = low (- 10v). This signal is used to throttle data when connected to appropriate pin on computer.

**X-on/X-off:** Allows throttling of serial data by transmitting X-on to start data or X-off to stop data. X-on generates Hex 11 and X-off generates Hex 13.

**Form Feed Instruction:** Code from computer allows printer to advance paper to beginning of next page. Interface calculates difference of number of lines typed and number of lines needed to advance to beginning of next page (determined by initial top of page setting).

**Line Feed Control:** Setting on A

open	closed
CR = CR + LF	CR = Express
LF = Discarded	LF = CR + LF

**Parallel Centronics:** Cable options available for most major micro computers with parallel port.

**ASCII Standard Code:** 7 or 8 bit parallel data.



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