

**TREND**<sup>®</sup>

**secure communications**

For Defence, Government, and Commercial Applications.

## Printer 610 Range



# 610 Range Specifications

## General Specifications – All 600 Series

Environmental	Operating	Storage
Temperature	0 to 50°C	-20 to +70°C
Relative Humidity	5 to 90%	5 to 90%
PTT Approvals RFI/Tempest	The equipment has been designed to UK Defence and British Standards (See full technical manuals for details). Obtained where applicable. Full certification to UK and NATO Tempest Standards.	

## Technical Specifications

### Model 610 RO

Print Head	9 wire ballistic
Character Matrix	9 x 7 interstitial
Maximum Print Speed	80 cps
Switchable Line Speeds	50-2400 baud
Multi-ply Stationery	1 + 5
Platen Illumination	Adjustable
Character Pitch	10 cpi
Line Pitch	3 or 6 lpi
Line Length	69 to 80 chars
Paper Roll Diameter	5 inch max
Character Code	ITA 2 or 5 (Baudot/ASCII) – Switch selectable
Print Ribbon Type	½" Dual Red/Black on Std 50 mm (2") spools
Interface	Mil 188-114/V28/ RS232 Compatible High level telegraph or Fibre Optic options are available

### Dimensions

Width	480 mm (18.9")
Depth	435 mm (17.1")
Height	195 mm (7.7")
Weight	14 kg (31 lbs)

### Power Requirements

Voltage (47-63 Hz)	100-130V 200-250V DC 19-32V
Maximum Power	AC 66VA DC 58W

### Model 612 PTA

Character Codes	ITA 2 or 5 Baudot/ASCII (switch selectable)
Operating Speeds	30 cps (punch and reader)
Transmission	50-300 baud
Speeds	(switchable)
Paper Tape	1½" or 1" (operator selectable)
Interface	Mil Std 188-114/V28/RS232
<b>Dimensions</b>	
Width	224 mm (8.8")
Depth	675 mm (26.6")
Height	151 mm (5.95")
Weight	10 kg (22 lbs)
<b>Power Requirements</b>	
Voltage (47-63 Hz)	100-130V 200-250V DC 19-32V
Maximum Power	AC 40VA DC 65W

### Model 614 RO

As 610 plus:	
Max Print Speed	110 cps
Throughput	80 cps typical
Character Matrix	9 x 5 interstitial
Line Speed	50 to 9600 baud
Character Buffer	8K bytes, expandable to 16K bytes.
Battery back up for data storage protection	
Extended Bite functions	
<b>Dimensions</b>	
Width	As above
Depth	As above
Height	210 mm (8.3")
Weight	14.5kg (32lbs)
<b>Power Requirements</b>	
Maximum Power	AC 80 VA DC 86 W

### Model 615 ESR

As 610 plus:	Self test with diagnostics
Keyboard Convertible 5/8 Unit	Real Time Clock
On line Off line and View operator controls	Security Switch
40 character LCD display with illumination	Keyboard selectable options
40K user memory, non-volatile	Answer back message
Optional 32K file store	Auxiliary port for P.T.A. or Computer
Powerful editing facilities	Switchable up to 2.4K baud line, 9.6K baud auxiliary port
<b>Dimensions</b>	
Width	480 mm (18.9")
Depth	695 mm (27.4")
Height	195 mm (7.7")
Weight	23 kg (50 lbs)
<b>Power Requirements</b>	
Maximum Power	AC 86VA DC 78W



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