

Firephone 400 Hot Line Subscriber

The Slimline Subscriber Telephone is a robust safe area telephone handset assembly designed to be sited in an internal location.



The unit can be wall / bulkhead mounted, desk mount or fitted within a steel secondary enclosure. The Slimline Subscriber Telephone is connected to the host Fire Phone 400 central exchange via a two core twisted pair cable which is terminated at the telephone with a 2K ohm resistor (included to facilitate cable surveillance). No key pad is fitted, the central control is automatically and immediately signalled upon removal of handset from the cradle.



The Slimline Subscriber Telephone (FP400/I/00/00) consists of handset / cradle with retractable cord and pre-wired two metre non flame retardant cable tail terminated in an industry standard RJ45 insulation displacement jack plug. The unit is supplied with an RJ45 surface mount jack socket base which accepts up to 1.5mm² CSA field cable conductors.

The Cabinet Subscriber Telephone (FP400/F/00/00) consists of a Slimline Subscriber Telephone handset housed in a rugged steel enclosure fitted with a hinged door and magnetic "secret" retainer. The handset termination is located within a tamperproof base and is pre-punched to accept either top or rear field cable entry via industry standard 20mm gland penetrations.



The Cabinet Subscriber Flush Mounting Frame (FP400/F/00/02) is an optional steel bezel which facilitates recessed flush fitting.

Electrical Specification

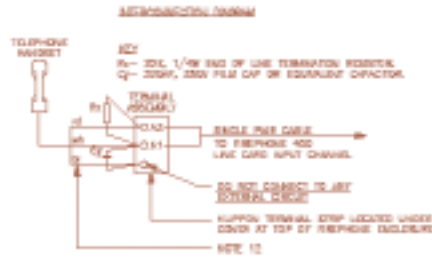
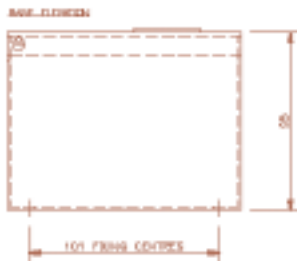
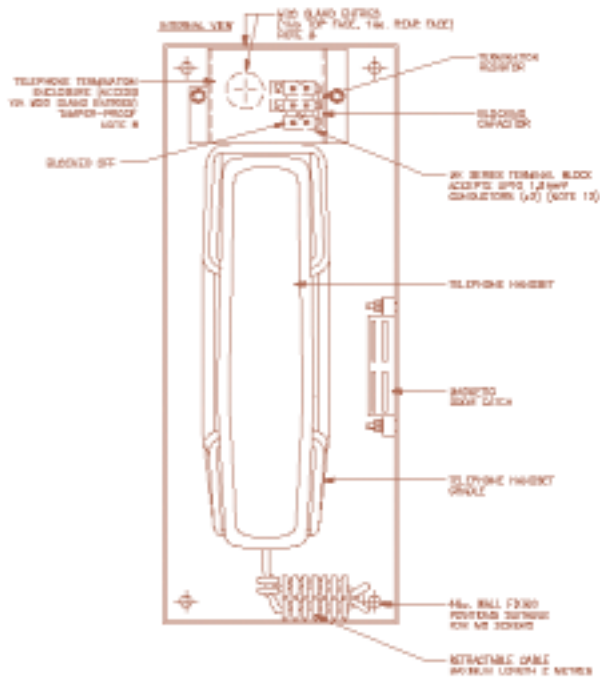
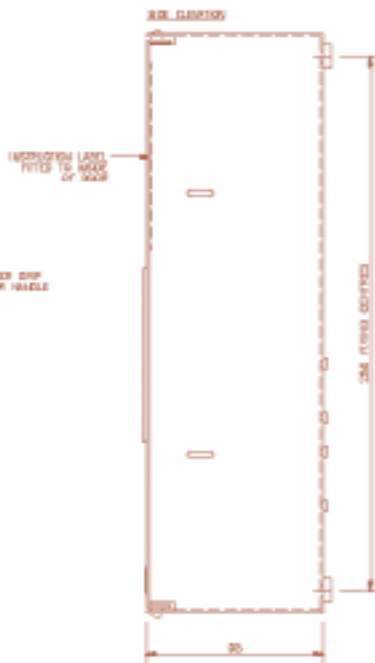
Communication Protocol	Full Duplex
Signalling principle	Loop disconnect
Audio level	-10dBm
Impedance	600 ohms
Frequency range	300 Hz to 3 KHz

Mechanical Specification (Slimline)

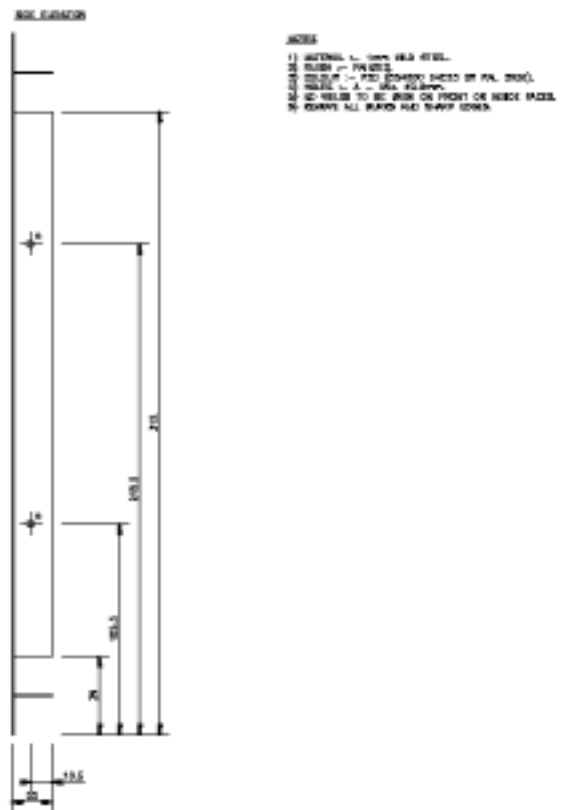
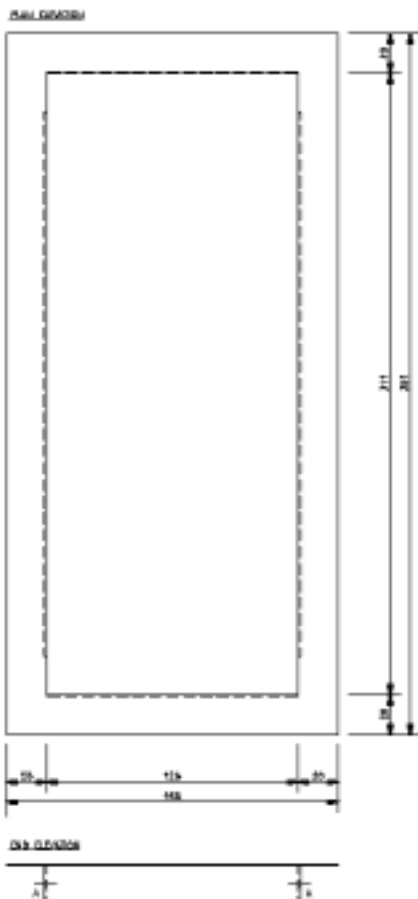
Colour	Red
Material	High impact plastic
Weight	Approx. 0.5Kg
Dimensions (approx.)	60(W)x200(H)x75(D) (mm)
Temperature range	-20 °C to +60 °C
Humidity	90% non condensing
Location	Safe area, internal location

Mechanical Specification (Cabinet)

Colour	Red RAL 3020
Screen print telephone logo	Gloss black
Finish	Gloss paint, Etched primed
Material	Sheet steel
Weight	Approx. 2Kg
Dimensions approx.	125(W)x310(H)x95(D) (mm)
Dimensions c/w flushing kit	160(W)x351(H)x95(D) (mm)
Temperature range	-20 °C to +60 °C
Humidity	90% non condensing
Location	Safe area, internal location
Gland entry	2 x 20mm clearance, one to rear, one to the top of unit



- NOTES**
- 1) ENCLOSURE - FIREPHONE 48V QUADRANT MATERIAL - 1.6mm (1/16) STEEL.
 - 2) FINISH - PAINTED.
 - 3) VIDEO BOARD OPTICS OF PN. 142, 144, RDP 142 - SEE MANUFACTURER'S DRAWING.
 - 4) WEIGHT - 1kg (2.2lbs).
 - 5) BATTERY PROTECTOR - 1A-30.
 - 6) INCH/SCALE AREA CLASSIFICATION - SAFE AREA ONLY.
 - 7) CABLE/CABLE ENTRY - 3x 48V AND TELEPHONE TERMINATION ENCLOSURE. ENCLOSURE FIBER OPTICALLY TRANSPARENT FOR EACH A FIBER OPTIC 3/1 PART NO. NOTICED IS REQUIRED.
 - 8) JET FIBER - 1- 48V OR (NOT SUPPLIED). POWER REQUIREMENTS -
 - 9) 48V BATTERY - PARAGON POWER 16V FIREPHONE 48V BATTERY PANEL.
 - 10) 48V TERMINAL - 1A-30.
 - 11) LOCATION - SAFE AREA / HAZARDOUS / CHALLENGED. CHECK FROM TELEPHONE TO TERMINAL BLOCK TO BE 100 METERS BLIND TO SIDE OF TERMINAL BLOCK AFTER CONNECTION TO AVOID TRIPPING.



- NOTES**
- 1) MATERIAL - 1.6mm (1/16) STEEL.
 - 2) FINISH - PAINTED.
 - 3) WEIGHT - 1.6kg (3.5lbs) (BASED ON PN. 142).
 - 4) SCALE - 1:1 - SEE DRAWING.
 - 5) ALL DIMENSIONS TO BE WITH TOLERANCE UNLESS OTHERWISE SPECIFIED.
 - 6) ROUND ALL EDGES AND SHARP CORNERS.