

THE SUPERIOR GRAPHICS TABLET!

The A3 Intelligent GRAFPAD is one of a family of popular British designed and manufactured graphics tablets. GRAFPAD is a brilliant British invention unequalled in the world of graphics input. The GRAFPAD is the culmination of 3 years of expensive advanced research to create a final graphical solution to meet the needs of the world computer market. The uniqueness of its digitising technique has now been micro miniaturised, resulting in a proprietary ULA chip containing some 12000 transistors. Computer users world-wide can now benefit from a price/performance that has been previously unthinkable and graphics related applications previously forbidden because of price now be successfully launched.

DESIGN FEATURES =====	&	USER BENEFITS =====
superior digitising technique	=	higher performance/reliability. Dramatically reduced cost to user.
no maintenance	=	eliminates after-sale service costs.
high resolution <u>AND</u> accuracy	=	0.005 sufficient for the most stringent applications.
1 cm block height	=	allows integration into work station and tracing from books etc.
no adjustments necessary	=	eliminates calibration.
modular construction	=	perfect device for OEM users.
rugged design	=	equally at home in factory/office.
single board electronics	=	compatibility between all GRAFPADS
parallel/serial interafaces	=	easy to connect to popular computers.
button console	=	easy control of functions.
data integrity	=	no data errors.
high data rate	=	no loss of data, smoother data.
other Digitiser emulations	=	upgrade to GRAFPAD without software changes.

TECHNICAL SUMMARY

PERFORMANCE:
 Resolution: 0.005".
 Accuracy: up to +0.005".
 Repeatability: +0.005".
 Data Output: Built in Z80 to ensure smooth data.
Rates.
 Parallel interface - 1220 co-ordinate pairs per second at 0.1mm res.
 Serial interface - 480 co-ordinate pairs per second maximum.
 Point Output: Pen switch up gives single X-Y point.
 Stream Output: Pen switch down gives continuous X-Y co-ordinates.
 Block height: Digitises up to .6cm above membrane surface.
 Origin: Lower left-hand corner.
 INTELL. INTERFACE: 8 bit parallel or RS232 serial (summagraphics compatible).
 DIMENSIONS: HEIGHT [2.5cm to 3.5cm], width 48cm.
 Depth 49cm.
 ACTIVE AREA: Width 37cm, Depth 30cm.
 SURFACE MEDIA: 3mm glass (not supplied).
 CONTROLLER: Single card ULA.
 STYLUS: Switched by downward movement.
 CURSOR: Cross-hair, four communication buttons.
 POWER: + 5V at 300mA.