

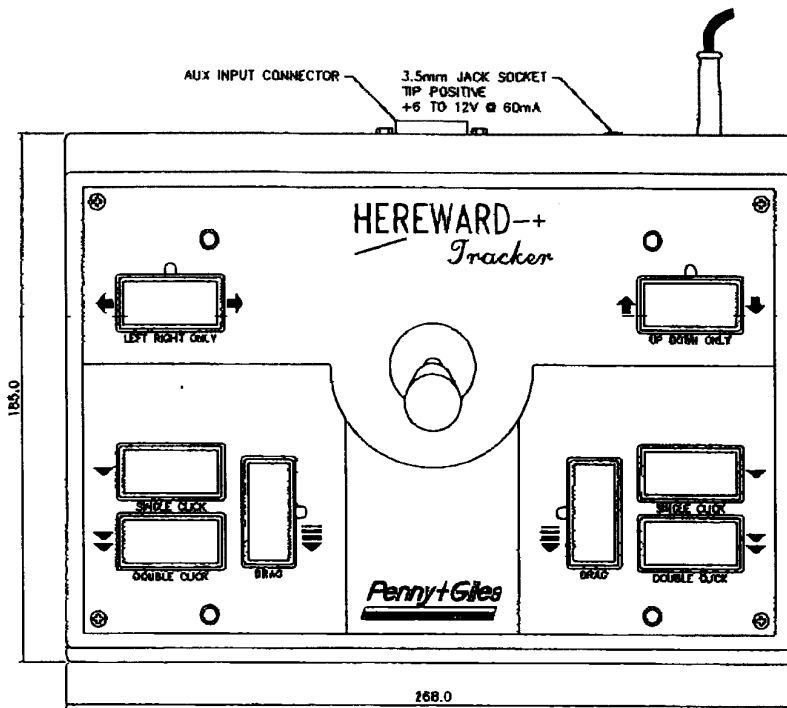
UNING  
MEMBER  
D ON  
14464

DS48211

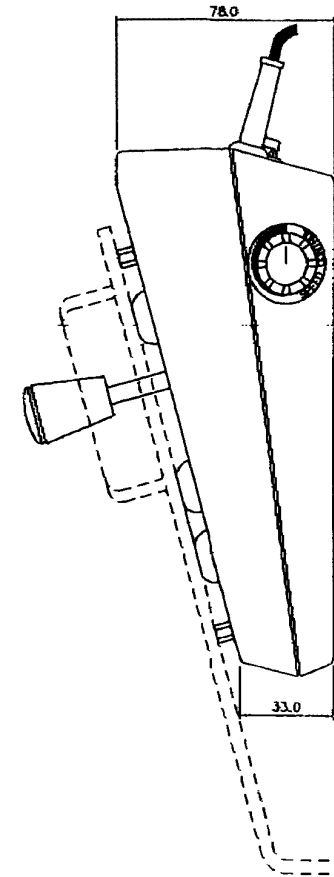
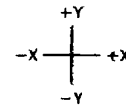
3rd ANGLE PROJECTION

IR  
T No

L OR



CURSOR SPEED CONTROL  
TURN CLOCKWISE TO  
INCREASE CURSOR SPEED



**SPECIFICATION**

CASE ~ MOULDED ABS, COLOUR POLAR GREY.  
FACIA PLATE ~ 14 SWG ALUMINIUM, CHROMIC ANODISED.  
JOYSTICK ~ 2 AXES, OPERATING ANGLE 55° INC.  
CABLE ~ 1.25 METRES, PVC SHEATHED, COLOUR GREY.  
CONNECTORS ~ 9 WAY 'D' TYPE SOCKET,  
15 WAY 'D' TYPE SOCKET (AUX. INPUTS).  
3.5mm JACK SOCKET.  
SUPPLY ~ +6 TO 12V D.C @ 60mA.  
OUTPUT ~ RS232 LEVELS, MICROSOFT FORMAT, 1200 BAUD.

**REMOVABLE FINGER PLATE.**

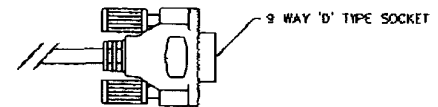
AUX INPUTS FOR CURSOR & SWITCH CONTROL.  
AUDIBLE KEY PRESS FEEDBACK.  
VISUAL KEY STATUS INDICATORS FOR X/Y LOCK & DRAG.  
CURSOR SPEED CONTROL.  
8 SWITCHES:  
SINGLE CLICK (2 OFF).  
DOUBLE CLICK (2 OFF).  
DRAG (2 OFF).  
X AXIS CURSOR LOCK.  
Y AXIS CURSOR LOCK.  
M3 THREADED FIXING POINTS ON BASE (2 OFF).

**CONNECTION DETAILS**

9W 'D' TYPE SOCKET  
PIN DESCRIPTION  
2 Tx (GREEN)  
3 Rx (BROWN)  
5 OV GND (WHITE)  
7 RTS (BLUE)

**15 WAY 'D' TYPE SOCKET (AUX INPUTS).**

PIN DESCRIPTION  
1 FOURTH SWITCH  
2 +Y CURSOR DIR.  
3 LEFT SWITCH  
4 -Y CURSOR DIR.  
5 MIDDLE SWITCH  
6 -X CURSOR DIR.  
7 RIGHT SWITCH  
8 +X CURSOR DIR.  
9 RIGHT DRAG SWITCH  
10 LEFT DOUBLE CLICK SWITCH  
11 LEFT DRAG SWITCH  
12 RIGHT DOUBLE CLICK SWITCH  
13 LEFT/RIGHT ONLY  
14 UP/DOWN ONLY  
15 OV GND



MATERIAL	FINISH	TOLERANCES UNLESS OTHERWISE STATED. ±0.25	ISSUE	1	2	3	4	4A	5					
			DATE	12.2.91	24.6.91	7.1.92	19.3.92	27.8.92	11.11.93					
			CHANGE	CH153	CH153.2	CH153.3	CH153.4	CH153.5	CH153.8					
SCALE	DIM'S IN MM	TITLE	SCALE	0.8		HEREWARD JOYSTICK MICROSOFT OUTPUT						SIZE	DRAWING NUMBER	
			SCALE	0.8								A2	DS48211	

WPE  
small

**PENNY + GILES**

Penny & Giles  
Computer Products LTD  
Christchurch Dorset.  
Tel (0202) 481751