

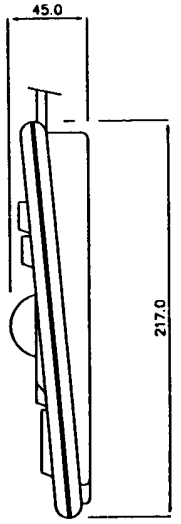
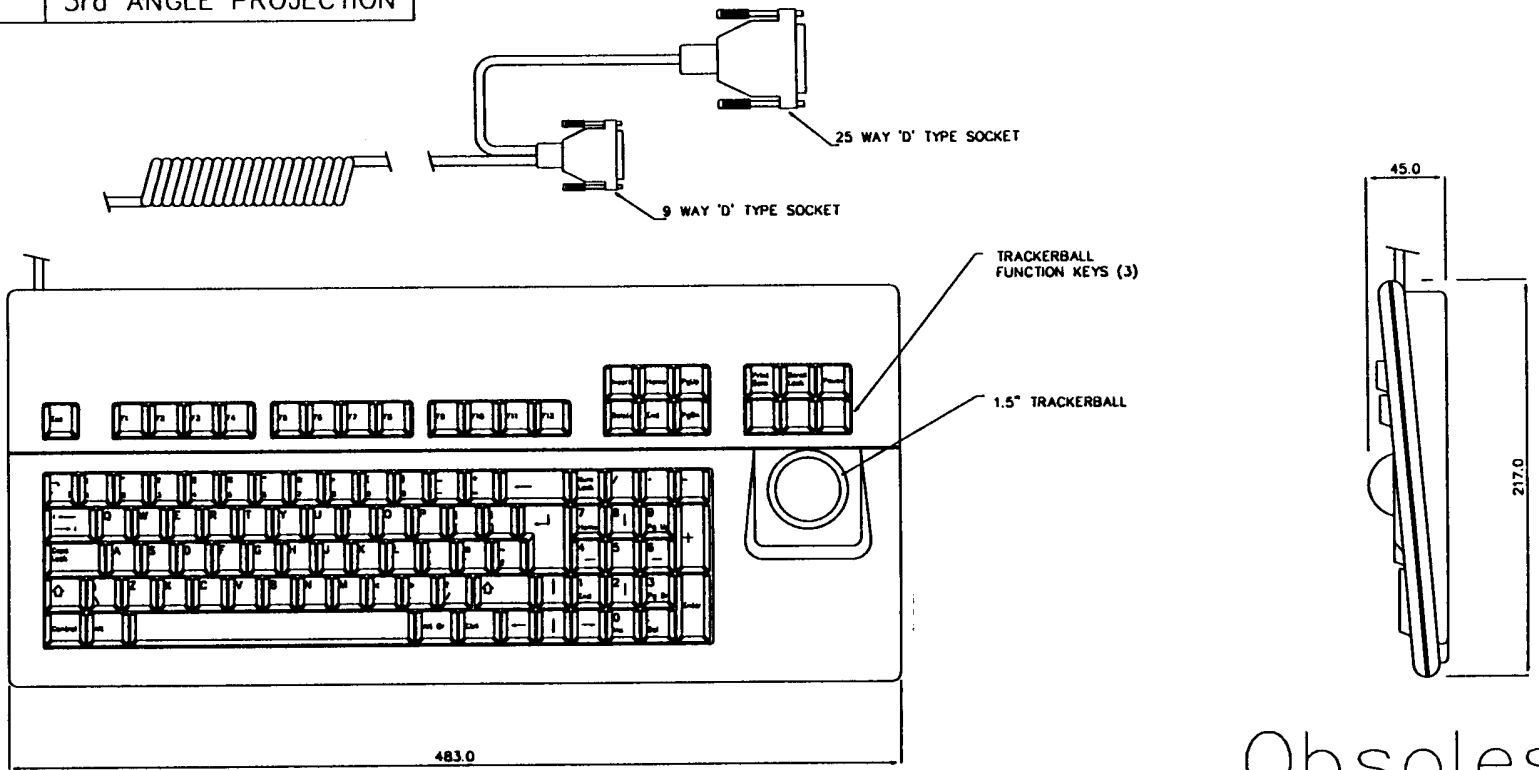
AWING MBER DS48314 3rd ANGLE PROJECTION

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Obsolescent

Obsolescent

SPECIFICATIONS (KEYBOARD)

CASE ~ A.B.S COLOUR - PEARL WHITE
 KEYS ~ 102 + 3
 U.K. KEY SET
 NORMALLY OPEN CONTACT
 50 MILLION OPERATIONS
 COLOUR - LIGHT & DARK GREY
 INPUT ~ +5V DC
 OUTPUT ~ ASCII (ASYNC MODE)
 RS232 LEVELS (1 START BIT,
 8 DATA BITS, 1 STOP BIT)
 BAUD RATE 1200

KEYBOARD PIN CONNECTIONS

| 25 WAY D TYPE SOCKET | |
|----------------------|-------------|
| PIN | DESCRIPTION |
| 2 | RX |
| 3 | TX |
| 7 | OV |
| 11 | +5V DC |

SPECIFICATION (TRACKERBALL)

BALL ~ #1.5" COLOUR - BLACK
 RESOLUTION ~ 200 COUNTS/REVOLUTION
 INPUT ~ +5V DC
 OUTPUT ~ RS232 LEVELS, FORMAT 22 MICROSOFT
 BAUD RATE 1200

MICROSOFT DATA FORMAT

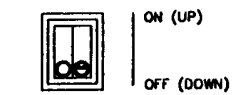
| BITS | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |
|--------|---|---|----|----|----|----|----|----|
| BYTE 1 | 1 | 1 | L | R | Y7 | Y6 | X7 | X6 |
| BYTE 2 | 1 | 0 | X5 | X4 | X3 | X2 | X1 | X0 |
| BYTE 3 | 1 | 0 | Y5 | Y4 | Y3 | Y2 | Y1 | Y0 |

X0 - X7 = X DISTANCE 8 BIT TWO'S COMPLEMENT, VALUE -128 TO +127
 Y0 - Y7 = Y DISTANCE 8 BIT TWO'S COMPLEMENT, VALUE -128 TO +127
 (POSITIVE SOUTH)

TRACKERBALL PIN CONNECTIONS

| 9 WAY D TYPE SOCKET | |
|---------------------|-------------|
| PIN | DESCRIPTION |
| 2 | RX |
| 3 | TX |
| 5 | OV GND |
| 7 | RIS |

SWITCH SETTINGS



DIP SWITCHES ON REAR OF KEYBOARD

| FUNC | SW1 | SW2 |
|-------|-----|-----|
| AT | ON | ON |
| PC/XT | ON | OFF |
| ASYNC | OFF | OFF |

NOTE: - SWITCHES MUST ONLY BE CHANGED WITH POWER OFF

| | | | | | | | | | | | | | |
|------------|---------------|--|----------|--------|---------|-----------------------|--|--|------|----|----------------|---------|--|
| MATERIAL | FINISH | TOLERANCES UNLESS OTHERWISE STATED. | ISSUE | 1 | 1A | | | | | | | | |
| | | | DATE | 4.3.91 | 12.1.94 | | | | | | | | |
| SEE SPEC. | CLEAN | ±1.0 | CHANGE | CH156 | CH156.2 | | | | | | | | |
| AWN ARNETT | Penny + Giles | Penny & Giles Computer Products LTD Christchurch Dorset. Tel (0202) 481751 | SCALE | 1:2 | TITLE | KEYBOARD PLUS (RS232) | | | SIZE | A2 | DRAWING NUMBER | DS48314 | |
| | | | DIM'S IN | mm | | | | | | | | | |