

MERTEC COMPACT COMPANION FITTING INSTRUCTIONS

The Compact Companion is an interface unit which fits onto the BBC Master Compact Computer keyboard, in order to provide additional facilities for the machine.

FITTING

The only tool' you will need for fitting is a medium size screwdriver.

Ensure that the keyboard to be fitted with the COMPANION IS NOT CONNECTED TO THE COMPUTER POWER SUPPLY. Proceed as follows:

- a) Turn the keyboard over and place it upside down on your knee. The printed circuit board (PCB) extension (the one which has the 25 straight silver lines on it) should now be on your right *if* you are right handed and to your left otherwise.
- b) Offer the COMPANION up to the PCB extension, as illustrated in the assembly diagram opposite. Be careful to align the gold contacts in the edge connector with the silver tracks in the PCB.
- c) Hold keyboard with one hand and firmly press the connector and Companion onto the PCB extension with the other hand until the black mounting angle is firmly located onto the keyboard.
- d) Now locate the two 6mm dia. screws provided, into the black angle fixing holes. Hold the white connecting cable away from the screws to prevent trapping it under the screw head and tightly fix the screws into position with a good screwdriver (not too small in order to get a good purchase on the screw).
- e) Finally insert the plug on the end of the white cable into the port at the back of the keyboard marked JOYSTICK/MOUSE.
- f) Re-connect the keyboard to the Compact base unit and the system is now ready for use.

NOTE: If the computer does not power-up correctly re-check the alignment of the gold edge connector contacts with the PCB tracks and if they need to be re-aligned slightly loosen the fixing screws' and press the Companion in the desired direction for alignment then re-tighten the screws.

REMEMBER - NEVER ASSEMBLE OH DISASSEMBLE THE COMPANION TO THE KEYBOARD WITH THE COMPUTER CONNECTED TO THE ELECTRICITY SUPPLY.

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MERTEC[®] COMPACT COMPANION ASSEMBLY

IMPORTANT NOTE

DO NOT ASSEMBLE OR
DISASSEMBLE THE
COMPANION WHILST COMPACT
IS SWITCHED ON

3

Fix COMPANION
With Two 6mm
SCREWS
PROVIDED

BLACK
FIXING ANGLE

JOYSTICK / MOUSE PORT

PLUG
INTO
POSITION

JOYSTICK OR
ANALOGUE PORT

USER PORT

1

ALIGN GOLD
CONTACTS IN
EDGE CONNECTOR
WITH SILVER
TRACKS ON
CIRCUIT BOARD

EDGE CONNECTOR

2

PUSH COMPANION
FIRMLY INTO
POSITION

24MBUS PORT

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