

AMSTRAD

MODULATOR/POWER SUPPLY MODEL MP-1

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USER INSTRUCTIONS

Before operating this unit, please read this instruction leaflet thoroughly.

The Amstrad MP-1 modulator/power supply enables you to connect your CPC464 computer to a domestic UHF colour television, and thereby enjoy the full colour facilities of the CPC464.

Connect the Mains Lead of the MP-1 to a 3-pin plug, following the instructions below:

Fit a proper Mains Plug to the Mains Lead. If a 13 Amp (BS1363) Plug is used, a 3 Amp Fuse must be fitted. The 13 Amp Fuse supplied in a new Plug must NOT be used. If any other type of Plug is used, a 5 Amp Fuse must be fitted either in the Plug or Adaptor or at the Distribution Board.

IMPORTANT: The wires in this Mains Lead are coloured in accordance with the following code:

Blue	—	Neutral
Brown	—	Live

As the colours of the wires in the Mains Lead of this apparatus may not correspond with the coloured markings identifying the terminals in your Plug, proceed as follows:—

The wire which is coloured Blue must be connected to the terminal which is marked with the letter 'N' or coloured Black.

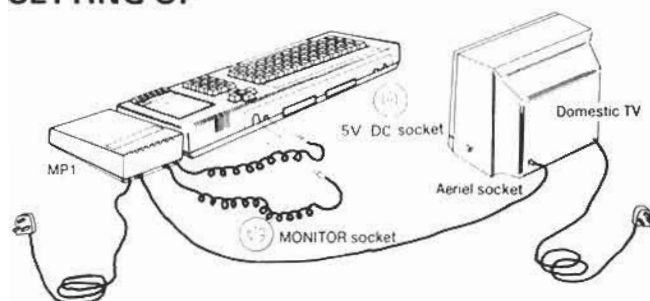
The wire which is coloured Brown must be connected to the terminal which is marked with the letter 'L' or coloured Red.

DO NOT MAKE ANY CONNECTION TO THE LARGER PIN MARKED WITH THE LETTER 'E' OR BY THE SAFETY EARTH SYMBOL \perp OR COLOURED GREEN OR GREEN-AND-YELLOW.

Disconnect the Mains Plug from the Supply Socket when not in use.

Never attempt to remove the bottom screws, or open the case of the MP-1. Always obey the warning on the Rating Label which is located on the bottom cover, underneath the unit; **WARNING LIVE PARTS INSIDE. DO NOT REMOVE ANY SCREWS.**

SETTING UP



Connect the lead with the larger (6-pin DIN) plug from the MP-1 to the socket marked MONITOR on the back of the CPC464 Computer.

Connect the lead with the smaller (DC power) plug from the MP-1 to the socket marked 5V DC on the back of the computer.

Connect the lead with the aerial plug from the MP-1 to the aerial socket of your TV set.

Check the computer POWER switch on the right hand end is set to the OFF position and then connect the Mains Plug from the MP-1 into the Supply Socket.

Now reduce the volume control on your TV set to minimum, switch on your TV, and then switch on the computer using the slide switch marked POWER on the right hand end.

The red ON lamp at the top centre of the computer keyboard unit should be illuminated, and you must now tune in your TV set to receive the signal from the computer.

If you have a TV with a push-button channel selection, press a channel button to select a spare or unused channel. Adjust the corresponding tuning control in accordance with the TV set manufacturer's instructions (the signal will be approximately at channel 36 if your TV has a marked tuning scale), until you receive a picture that looks like:

Amstrad 64K Microcomputer (v1)

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and Locomotive Software Ltd.**

BASIC 1.0

Ready

FOR BEST PICTURE RESULTS, ADJUST CONTRAST AND COLOUR CONTROLS ON YOUR TV TO AS LOW A SETTING AS POSSIBLE.

Tune in the TV set accurately until the clearest picture is seen. The writing will be gold/yellow on a deep blue background.

If your TV has a rotary programme selector knob, turn the tuning knob until the above picture appears and remains perfectly steady. (Again, at approximately channel 36).

TECHNICAL SPECIFICATION

Mains supply input voltage:	240V 50Hz
DC power supply output voltage:	5V/2A Nominal
Foldback current protection:	>2.5A
Modulator input drive:	R, G, B, + sync
Modulator output frequency:	591.25 MHz (Channel 36) nominal
Modulator output impedance:	75 ohms

In keeping with our policy of continually improving our service, and the technical quality of our products, we reserve the right to change component types, manufacturers, sources of supply or technical specification at any time.

If you have any difficulties in operating this unit after having carefully read this instruction sheet, please telephone Amstrad Technical Services on normal working days during 9 a.m. - 5 p.m.

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