



MODULATOR/POWER SUPPLY MODEL MP-2

USER INSTRUCTIONS

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

The Amstrad MP-2 modulator/switching power supply enables you to connect your CPC464, CPC664 or CPC6128 computer to a domestic UHF colour television receiver, and thereby enjoy the full colour facilities of your Amstrad computer.

Connect the Mains Lead of the MP-2 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.

WARNING — THIS APPARATUS MUST BE EARTHED

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

Green-and-Yellow	—	Earth
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 Green-and-Yellow must be connected to the terminal in the plug which is marked by the letter 'E' or by the safety earth symbol  or coloured Green or Green-and-Yellow.

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

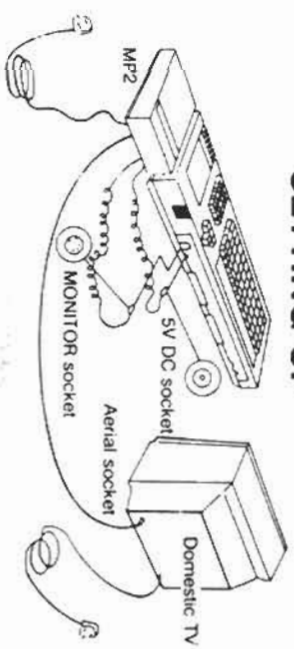
The wire which is coloured Brown must be connected to the terminal which is marked with the letter 'L' or coloured Red.

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

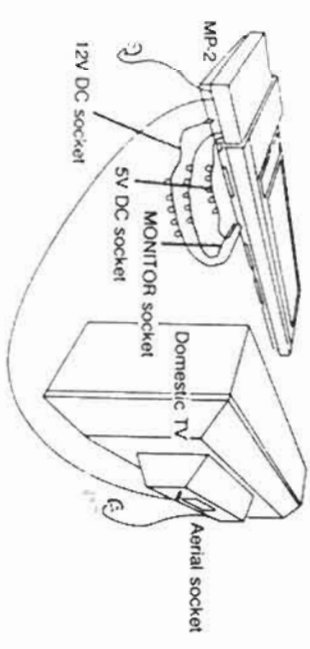
Never attempt to remove the bottom screws, or open the case of the MP-2. Always obey the warning on the Rating Label which is located on the bottom cover, underneath the unit:

WARNING: LIVE PARTS INSIDE. DO NOT REMOVE ANY SCREWS.

SETTING UP



CPC 464 CONNECTION



CPC 664 AND CPC6128 CONNECTION

Connect the lead with the larger (6-pin DIN) plug from the MP-2 to the socket marked **MONITOR** at the back of the computer.

Connect the lead with the smaller (DC power) plug from the MP-2 to the socket marked **5V DC** at the back of the computer.

For the CPC664 and CPC6128, connect the lead with the small (12V DC) plug from the back of the computer to the socket on the back of the MP-2.

Connect the lead with the aerial plug from the MP-2 to the aerial socket of your TV.

Check the computer POWER switch is set to the OFF position and then connect the Mains plug from the MP-2 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.

The red ON lamp at the top 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 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 manufacturer's instructions (the signal will be at approximately channel 36 if your TV has a marked tuning scale), until you receive a picture that looks like this:

Amstrad 64K Microcomputer (v11)
©1984 Amstrad Consumer Electronics Plc
and Locomotive Software Ltd.
BASIC 1.0
Ready

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. (Again, at approximately channel 36).

ADJUST CONTRAST AND COLOUR CONTROLS ON YOUR TV FOR THE BEST PICTURE.

SHORT CIRCUIT PROTECTION

Your MP-2 switching power supply incorporates a short circuit cut-off protection. Once your MP-2 senses a short circuit, it will automatically cut-off all outputs to the computer and prevent any further damage to the computer or the power supply itself.

To reset the power supply after automatic cut off, switch off the computer and then disconnect the Mains Plug from the Supply Socket. Connect it back after 30 seconds and switch on the computer.

If your power supply cuts off again, disconnect the power supply and contact your dealer.

TECHNICAL SPECIFICATION

Mains Supply input voltage:	240V 50Hz
DC power supply output voltage:	Plug output 5V 1.7A centre positive (Short circuit protected)
Modulator input drive:	Socket output 12V 0.5A centre negative R.G.B. + sync
Modulator output frequency:	591.25 MHz (Channel 36) nominal
Modulator output impedance:	75 ohms

In keeping 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, contact your dealer or Amstrad Customer Services Department.

AMSTRAD

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