


INSTALLATION GUIDE

Thank you for purchasing GEM - the professional hard disk system for the PCW! These simple, step-by-step instructions will get you started with your new GEM drive in the shortest possible time. Please read them carefully!

Your GEM drive system consists of several parts:

*Drive Unit
PCW GEM Adaptor
Mains Cable
Product Registration Card
Hard Disk Support/LoCoScript Upgrade Disk
LoCoScript Installation Booklet*

Please check that you have all the above parts before continuing. Then fill in and mail the Registration card back to CIRTECH - this will enable us to give you the best product support and updates for your GEM System.

YOU MUST HAVE LOCOSCRIPT VERSION 2.32 OR HIGHER. IF YOU HAVE AN EARLIER VERSION THAN THIS THEN UPDATE IT USING THE UPDATE PROGRAM SUPPLIED ON THE HD SUPPORT/LOCOSCRIPT UPDATE DISK WITH YOUR GEM - SEE THE LOCOMOTIVE INSTALLATION BOOKLET SUPPLIED WITH GEM. - YOU MUST HAVE THE CORRECT VERSION START OF DAY LOCOSCRIPT DISK TO BEGIN THE INSTALLATION ON! DO THE UPDATE **FIRST, BEFORE INSTALLING GEM!**

CONNECTING GEM

First MAKE ABSOLUTELY SURE you disconnect your PCW from the mains! You should then remove the GEM drive unit from its protective plastic covering and position it next to your PCW (to the RIGHT hand side of an 8256/8512 or the LEFT

hand side of a 9512/9512+ or *underneath* a Transmet with the PcW9256/10). Make sure you choose a level and stable position for GEM and that the ventilation slots on the rear and underside of the GEM case are clear. If you have a PcW9512+, remove and discard the plastic cover over the PcWs expansion port (it's held on by two screws).

Now thoroughly clean the metal contacts on the expansion port. Use a SOFT, white eraser and/or methylated spirit until the metal contacts are shiny. Next, take the GEM Adaptor from it's protective pack (remove the two screws taped to it) and plug it onto the expansion port, making **ABSOLUTELY SURE** it is properly seated and the correct way round (see drawings). Once it is securely plugged on, attach it to the PCW using the two screws supplied.

If you have a second printer **AND** you ordered GEM with a Parallel Port, you should now connect it to the parallel port on the GEM Adaptor using a standard PC type printer cable (available from Cirtech). Connect the other end of the cable to your printer - normally attached using spring clips.

You should now plug the mains cable into the rear of the GEM drive and connect it to a suitable mains outlet.

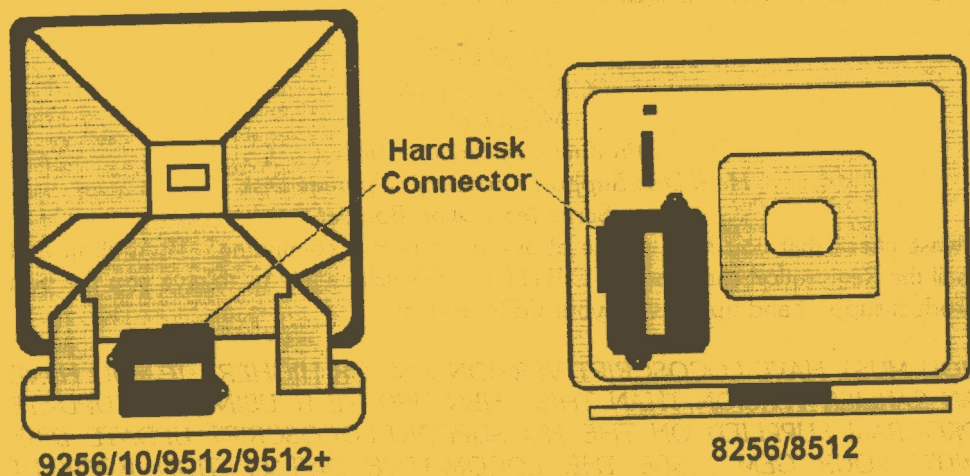


FIG 1

THE HARDWARE INSTALLATION IS NOW COMPLETE!

INSTALLING THE SOFTWARE

Plug you PCW and GEM into the mains and switch both on. You should hear a faint whirring noise as the hard disk starts to spin up - after a few seconds this noise will reduce and the Hard Disk System logo will appear on the screen followed by the

Hard Disk SETUP program. This is a one-time installation program that will guide you through installing LocoScript onto the GEM drive. You will be asked a couple of simple questions about your PCW and the setup you require - just carefully follow the on screen prompts.

Once the setup is complete, your GEM System will start up LocoScript or CP/M (one will be the MAIN startup system, the other the ALTErnate system). You should now startup CP/M from GEM (remember to hold down the ALT if you set CP/M as the ALTErnate system. Once the CP/M A> prompt appears, you can use the extensive Hard Disk HELP system resident on the GEM drive. Just type:

HDHELP USING

...and press RETURN, this will get you started using HELP.

If you prefer, you can get a full printed copy of the HELP contents by using the CP/M program PRINT.COM (just type PRINT at the CP/M A> prompt, and press RETURN). You can also print a copy of the HELP contents using LocoScript by inserting the file HDHELP.DAT into a NEW LocoScript document (using the INSERT TEXT function f1).

IMPORTANT

If, in the future, you update your LocoScript to a NEWER version, you may need an Hard Disk System Update. Contact CIRTECH for details.

THE SOFTWARE INSTALLATION IS NOW COMPLETE!

PARALLEL PORT

Printing from LocoScript

LocoScript will recognise the presence of the GEM Parallel Port as 'with Centronics interface' when it starts up (watch the LocoScript startup screen). You can select the printer and the port it is connected to using the 'f6' SETTINGS option in the Disk Manager.

You must have the correct drivers and character sets on your LocoScript start of day disk to be able to use an additional printer (see your LocoScript manual for details on using other printers). Printer drivers are available from Locomotive Software.

Printing from CP/M programs

CP/M will also recognise the Parallel Port when it is started up as the 'Centronics add-on'. You can use the Port from most CP/M programs (MicroDesign, Mini Office, etc.) simply by selecting the port from the print options menu within these programs. If a program that you are using has no facility for switching printer ports, you can use the CP/M program DEVICE.COM to select the port you require BEFORE you start up the program. To select the Parallel Port Adaptor just type:

DEVICE LST:=CEN

... and press RETURN

This will switch all printer output from the PCW printer to the printer connected to the Parallel Port. You can now start up your program and print on the printer connected to the Parallel Port!

If you use graphics programs such as MicroDesign2/3 or ProScan, then you can improve their printing speed by using a port driver supplied on the GEM support disk - see CP/M PRINTING in the HDHELP system for more information.

CIRTECH *GEM* Manual Version 5.1 9/93
(C) Copyright 1992-93, Cirtech (UK) Ltd.

Cirtech (UK) Limited reserve the right to make any changes to the product described in this manual, or to the contents of this manual, at any time, without notice.

This CIRTECH product (hardware, software and this manual) is copyright. It may not, in whole or in part, be reproduced, copied, altered or incorporated into another design or product without the prior consent, in writing, from Cirtech (UK) Limited. IMMEDIATE legal action will be taken against any violation of copyright. Trade names and marks used in this manual are registered by their owners. For details of warranty and service conditions see the Service Card supplied with the product.

LOCOMOTIVE SOFTWARE LICENCE

Material within the LocoScript Programs contained in this package is copyright Locomotive. Locomotive grants to the purchaser of this package a non-exclusive right to use The Programs in accordance with these terms and conditions. Such licence may be transferred to a third party only if the original Programs and all copies are transferred or destroyed and provided these terms and conditions are produced to the third party and prior to the transfer that party agrees to continue to observe them. Without such transfer and undertaking any application of The Programs or copies thereof by any other person will not be authorised by Locomotive and will be in breach of Locomotive's copyright and other proprietary rights. Any other use or dealing not expressly authorised is strictly prohibited. The LocoScript Programs may only be used on a single machine at any one time but may be copied or merged into other programs in support of that use. Any such copying or merger is subject to no modification of The Programs and in particular to the Locomotive copyright notice being preserved in the copied or combined program. Save for copying or merger within other programs as aforesaid, any other operations (including modification or translation from machine readable form) are expressly prohibited.



perfecting the PCW!