



## **HLMS INSTALLATION**

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This section describes the hardware and software requirements of the HLMS system and the procedure to install and run the software for the first time

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### **CONTENTS**

<b>SYSTEM REQUIREMENTS</b>	<b>2</b>
<b>SOFTWARE SPECIFICATIONS</b>	<b>2</b>
OPERATING SYSTEM .....	2
LOCAL AREA NETWORK (LAN) SOFTWARE .....	2
INTERNET SOFTWARE .....	2
<b>HARDWARE SPECIFICATIONS</b>	<b>2</b>
COMPUTER - HLMS SERVER .....	3
COMPUTER - HLMS WORKSTATION .....	3
PRINTER .....	3
MODEM .....	3
<b>PROGRAM INSTALLATION</b>	<b>4</b>
<b>INSTALLING THE HLMS SOFTWARE</b>	<b>4</b>
CHANGES TO SYSTEM FILES .....	5
<b>RUNNING HLMS</b>	<b>5</b>
<b>STARTING HLMS FOR THE FIRST TIME</b>	<b>5</b>
HLMS SERVER .....	5
HLMS WORKSTATION .....	6
HLMS REGISTRATION .....	6
PASSWORDS .....	6
DEFAULT PASSWORDS .....	6
RUNNING HLMS FROM A BATCH FILE .....	7
WHERE TO FROM HERE? .....	7
<b>REMOVING HLMS</b>	<b>7</b>

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# SYSTEM REQUIREMENTS

## SOFTWARE SPECIFICATIONS

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### OPERATING SYSTEM

MS-DOS (3.3 or later), Windows 3.1, Windows 95 (or later) is required for Installation and EMC for Windows program, although it is not necessary to run HLMS under Windows. There are known problems running HLMS under Windows NT Workstation. For the purpose of this manual, it is assumed that you have the Windows operating system installed.

### LOCAL AREA NETWORK (LAN) SOFTWARE

Any Networking Software that supports DOS 3.1 or greater function calls including such programs as Windows for Workgroups, Novell, LANtastic and Windows NT.

**Note: There is a known problem when using Windows NT Server and Windows 95 OSR2 (Release 2). When using this combination, you must install a Microsoft-released patch file to avoid file corruption. For more information or a copy of this file, please contact BTM Innovation.**

### INTERNET SOFTWARE

As support is via our Web site (<http://www.btmi.com.au>), software to access the Internet and an Internet Service Provider (ISP) is required. The Web site takes advantage of recent Web development tools, and so the use of such software as Netscape or Explorer is recommended.

## HARDWARE SPECIFICATIONS

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The following are the suggested MINIMUM hardware requirements. The performance of HLMS is greatly dependant on the hardware you use, and so these specifications must be increased if using the system with a large number of of network users, or in conjunction with other software packages. Generally, if your computer is configured to run Windows, then it should be able to run HLMS.

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## COMPUTER - HLMS SERVER

### Basic Requirements

Computer: IBM PC or compatible

CPU: 80486

RAM: 4Mb

Ports: 1 Parallel, 1 Serial, Internal Clock/Calendar

HDD: 150Mb

Other: CD-Rom, 3½" FDD

### Suggested Additions

Tape Backup Unit

Power Surge Protector

## COMPUTER - HLMS WORKSTATION

### Basic Requirements

Computer: IBM PC or compatible

CPU: 80386

RAM: 2Mb

## PRINTER

(Up to 4 printing devices are supported)

### Basic Requirements

Most printers are supported (apart from Postscript language printers). Wide carriage (130 Column) dot matrix printers are useful for the printing of reports, and impact printers (such as a dot matrix) are required for multi-part forms such as invoices. Laser Printers are good for the printing of letters, some reports and forms for which only 1 copy is required.

To use the Label printing facility of HLMS, a dedicated dot-matrix printer using tractor-fed single column labels is required.

**Note: To enable access to all printers on a network, they must be properly configured by the network administrator to allow for redirection from standard LPT printing ports (a process which is often referred to as "Capturing") and must be available at the DOS/HLMS command line.**

## MODEM

### Basic Requirements

A modem is required for support via the Internet and for remote troubleshooting. The specifications of the modem should match the fastest throughput of your Internet Service Provider to enable the transfer of large amounts of information electronically with efficiency. Generally the minimum specification should be 28kbps. A dedicated line for the modem is not mandatory, but is always an advantage for extended use.

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# PROGRAM INSTALLATION

## INSTALLING THE HLMS SOFTWARE

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HLMS is supplied on a number of 1.44Mb floppy disks or on a CD-Rom. If downloaded from the internet, the separate files may be installed direct from the hard disk, but they must be in the same directory.

**Note: Before running the installation program, you must ensure that you have FULL network access rights.**

If installing from a CD-Rom under Windows 95/8, the Installation program should automatically start. Otherwise, from the Files menu on Windows 3.1 or the Start Menu on Windows 95/8 select the **Run** command and type:

**A:\SETUP <Enter>**

You **MUST** run the *Complete Installation* first to install all of the necessary program and data files to the hard disk you require. Subsequent installations for other network users requiring access to HLMS may use the *Network Installation* to set up the Windows icons required to access the programs.

When installing HLMS, you must enter the destination drive for HLMS. HLMS files will be automatically create and placed in the following directories:

\HLMS	HLMS Program Files
\HLMS\DATA	HLMS Data Files
\HLMS\STMT	HLMS History Files
\HLMS\DOCS	HLMS Documentation
\EMC	Electronic Music Catalogue Program Files
\EMCW	Electronic Music Catalogue for Windows Program Files
\EMCW\DATA	Electronic Music Catalogue for Windows Data Files

**Note: HLMS must be installed in these directories. If you want HLMS to operate from an existing Network sub-directory, you MUST assign a spare drive letter designation to the root of the sub-directory you wish to copy the files.**

During the installation process, you will be asked a series of questions about the language of the HLMS you require and if you want to install the HLMS documentation.

A message will be displayed if the installation process has been

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successful.

## CHANGES TO SYSTEM FILES

The installation program makes a few small changes to system files. The main change is that it increases the number of open files available to the system by changing the **FILES=** statement in the CONFIG.SYS to a minimum of FILES=80. This number may need to be increased if you encounter the “*Insufficient File Handles*” error message (see Section 6. HLMS Troubleshooting) while running HLMS. A BUFFERS=40 entry also is added to the CONFIG.SYS if not already there. Entries in the WIN.INI file are also created under the headings of HLMS and EMCW.

## RUNNING HLMS

### STARTING HLMS FOR THE FIRST TIME

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*For the purpose of this manual, the HLMS SERVER is the first compute to start, and the last to finish an HLMS session. The HLMS Server has special functions which may ONLY be performed on that machine.*

#### HLMS SERVER

Select the HLMS Icon to start the program or from the command line (at the HLMS directory) type:

**HLMS [Password] <Enter>**

where [Password] is the password to access HLMS (if this is not included, you will directed to enter the password).

If the data files are located on another drive, you must type:

**HLMS ?: SERVER [Password] <Enter>**

where ?: is the drive containing the HLMS program files (the semicolon MUST be included) and [Password] is the password to access HLMS (if this is not included, you will directed to enter the password before HLMS begins). For example if the HLMS files are on Drive D: type:

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**HLMS D: SERVER <Enter>**

## **HLMS WORKSTATION**

Select the HLMS Icon to start the program or from the command line (at the HLMS directory) type:

**HLMS ?: [Password] <Enter>**

where ? is the drive containing the HLMS program files and [Password] is the password to access HLMS (if this is not included, you will be directed to enter the password when HLMS begins). For example, if the HLMS files are on Drive D: type:

**HLMS D: <Enter>**

## **HLMS REGISTRATION**

When the program begins you will be presented with the HLMS Registration Screen. This information **MUST** be entered to use HLMS. If this is an evaluation system, please contact BTM Innovation for an evaluation licence. Please make sure that the information is entered **EXACTLY** as it has been supplied. If the licence information is incorrect, please contact BTM Innovation for a new licence.

## **PASSWORDS**

If a password was not entered on the command line, you must now enter a password to enter HLMS.

## **DEFAULT PASSWORDS**

The default password for the first user (the HLMS Server) is **SERVER**.

The default passwords for other HLMS users (workstations) are **WS1**, **WS2**, **WS3** etc. The HLMS Server must be running HLMS before Workstations can enter the system, and these Workstations require the appropriate licence.

The special password **BROWSE** is for users with browse access only which is described in later in the manual.

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Passwords may be customised through the Maintenance Menu which is discussed in Section 3.

## **RUNNING HLMS FROM A BATCH FILE**

To enable the use of the in-built backup facility, you must run HLMS from a batch file. The file must call the MBACKUP.BAT file (which is explained in Section 3. Setting Up HLMS in the section titled **Batch Files**).

A typical batch file to start HLMS is as follows (a copy of this file has been installed on your system as RUNHLMS.BAT which may be used to launch HLMS):

```
@echo off
REM This is a test batch file for running HLMS
HLMS
if errorlevel 9 goto BACKUP
if errorlevel 1 goto ERROR
goto END
:BACKUP
MBACKUP
goto END
:ERROR
pause
:END
```

## **WHERE TO FROM HERE?**

A welcome message should now be displayed. Press <Esc> to continue on to the Main HLMS Menu.

The next two sections of the manual describe in detail how to configure, navigate and use the HLMS system and should be read carefully before you begin.

## **REMOVING HLMS**

If you want to remove the HLMS system from your computer, you may simply delete all of the directories and their contents listed previously. You may also remove the HLMS and EMCW entries in the Windows WIN.INI file, but they will not adversely affect your system if they are left in place.