

## **4. INSTALLATION PROCEDURES**

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This chapter describes how to install the Xerox LOOPS program files, Library Modules program files, and Users' Modules program files on both the 1186 and 1108 workstations. The installation procedure for Xerox LOOPS is the same for both the Lyric and Medley releases.

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### **4.1 Overview of the Distribution Kits**

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The distribution kits for Xerox LOOPS are different for the 1186 and the 1108.

#### **4.1.1 1186 Distribution Kit**

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The distribution kit for Xerox LOOPS on the 1186 consists of four 5-1/4" diskettes:

- Lyric/Medley LOOPS System #1, which contains Xerox LOOPS program files.
- Lyric/Medley LOOPS System #2, which contains Xerox LOOPS program files.
- Lyric/Medley LOOPS Library, which contains the program files for the Xerox LOOPS Library Modules.
- Lyric/Medley LOOPS Users, which contains the program files for Xerox LOOPS Users' Modules.

#### **4.1.2 1108 Distribution Kit**

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The distribution kit for Xerox LOOPS on the 1108 consists of three 8" diskettes:

- Lyric/Medley LOOPS System, which contains Xerox LOOPS program files.
- Lyric/Medley LOOPS Library, which contains the program files for the Xerox LOOPS Library Modules.
- Lyric/Medley LOOPS Users, which contains the program files for Xerox LOOPS Users' Modules.

### 4.2 Preparation

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Before installing Xerox LOOPS, make sure that you have performed the following steps:

- Load the Lyric or Medley version of Xerox Lisp. Have your Lyric or Medley Release Kit handy if you are not on a network, as you may need to load parts of Lyric or Medley Xerox Lisp not previously loaded.

A standard partition of 8 MB is acceptable. A LOOPS sysout with an average number of LISP Library and LOOPS Users' Modules will require about 11,000 pages or 5 MB.

- Boot Xerox Lisp
- Open an Interlisp Executive Window.
- Make certain the time is set.

Machines on a Xerox network automatically get the current time of day from the net when they boot. If you are not on a network, make certain that the function (DATE) returns the current date and time. If it does not, then use the function (SETTIME) to correct it.

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#### CAUTION

Rebooting a VMEM.PURE.STATE sysout without an Ethernet connection and without the time being set will erroneously allow you to create objects without informing you that the time is not set.

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### 4.3 Installation

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The Lyric/Medley LOOPS installation tool makes the installation of Xerox LOOPS, its Library Modules, and Users' Modules almost identical for 1186 and 1108 workstations. The differences are in the names of floppies. 1186 floppies are smaller, so there are more of them to hold the same data. The installation tool will determine what workstation you are using and prompt you with the appropriate floppy names.

1. Have your Lyric/Medley Release Kit handy, or, if you are connected to a network, set the **DIRECTORIES** and **DISPLAYFONTDIRECTORIES** variables appropriately so the sysout can find your Lyric library and font files.

2. Make the floppy drive your connected directory:

```
CONN {FLOPPY}
```

```
DIR {FLOPPY}
```

3. If you are using an 1108 workstation, insert the floppy labeled *Lyric LOOPS System*. If you are using an 1186 workstation, insert the floppy labeled *Lyric LOOPS System #1*. Enter the following into your Exec:

```
LOAD (LOOPS)
```

A menu will appear that looks like this:

```

Loops System
Install from floppies
Load into sysout

```

4. Select the menu option **Install from floppies**.

The following menu will appear:

<b>Loops directories</b>	<b>Click here when done</b>
LOOPSDIRECTORY	{DSK}<LISPFILS>LOOPS>
LOOPSLIBRARYDIRECTORY	{DSK}<LISPFILS>LOOPS>LIBRARY>
LOOPUSERSDIRECTORY	{DSK}<LISPFILS>LOOPS>USERS>
LOOPUSERSRULESDIRECTORY	{DSK}<LISPFILS>LOOPS>RULES>

This menu shows the current (or default, if unset) values of the variables LOOPS examines when it loads things.

- If you want LOOPS installed on your local disk under {DSK}<LISPFILS>LOOPS>, just select **Click here when done**. LOOPS requires approximately 2200 pages on the local disk.
- If you want LOOPS installed somewhere else, select the directory names using the left mouse button. Change the directory names by backspacing over them and typing new locations; select **Click here when done** when you are finished.

5. The installation tool prompts you for floppies with this menu:

```

Please insert floppy Lyric LOOPS System
Click here when done

```

It copies the LOOPS files from the floppies to the directories you just specified in the menu.

When the installation tool asks you for a floppy, insert the floppy in the drive, then select **Click here when done**.

As the last installation step, the installation tool modifies the file LOOPS, writes it out to LOOPSDIRECTORY, and compiles it.

When installation is finished, the first menu reappears:

```

Loops System
Install from floppies
Load into sysout

```

6. Select the menu option **Load into sysout** to load LOOPS into your system. The following menu appears:

```

Load Which?
Loops
Loops Masterscope
Gauges
LoopsBackwards
VirtualCopy

```

7. Select **LOOPS** from the menu to load LOOPS from the location where you installed it.

Once LOOPS is loaded the LOOPS System menu reappears. To load one of the other LOOPS library or User modules, select the appropriate name in the Load Which? menu.

8. Position your mouse cursor anywhere on the screen except for the Load Which? menu, then press the left mouse button to exit the installation procedure.

To load LOOPS in the future, after the installation procedure is finished, load the LOOPS.DFASL file which the installation procedure created:

```
(CNDIR LOOPS DIRECTORY)
```

```
(LOAD 'LOOPS.DFASL)
```

This will load the rest of LOOPS.

When you perform a CNDIR, LOOPS DIRECTORY in the example above is the directory you defined in Step 4; e.g.,

```
(CNDIR ' {DSK}<LISPFILES>LOOPS>)
```

LISPUSERSDIRECTORIES should point to a directory containing GRAPHER.LCOM, and DISPLAYFONTDIRECTORIES should point to a directory containing the Helvetica display font files from your Lyric or Medley XAIE distribution floppies.

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#### CAUTION

LOOPS uses the new XAIE compiler and its macrolet facilities. When LOOPS is loaded, it sets your **\*DEFAULT-CLEANUP-COMPILER\*** to **'CL:COMPILE-FILE**. More information on this cleanup flag and the new compiler is available in the *Xerox Lisp Release Notes, Lyric Release*.

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