

Software

ID-03-0388

The Real-Time Performance software displays

The Direct-to-Disk software is made up of interrelated displays and functions.

The Real-Time Performance (RTP) system

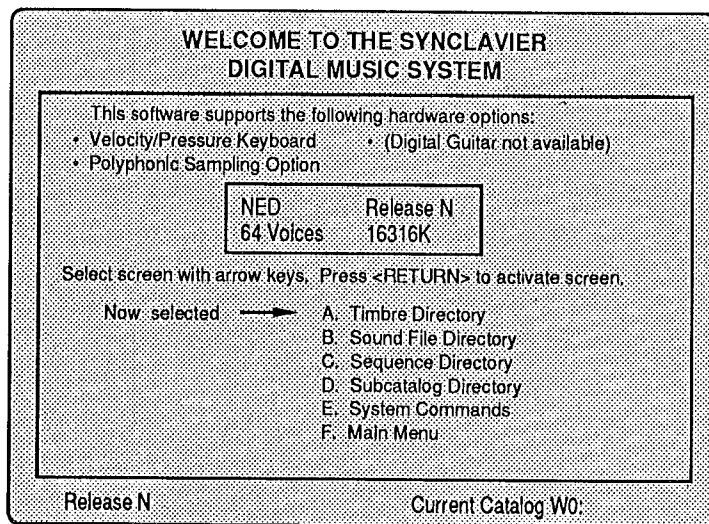
Most of the sound creation and modification features of the Direct-to-Disk are performed in the RTP system. The RTP displays are selected from the Main Menu.

With the RTP software you can

- store and recall sequences;
- create and edit sequences in the Memory Recorder in either computer music notation or standard notation;
- create and edit live Direct-to-Disk recordings in the Audio Event Editor;
- make MIDI assignments;
- receive SMPTE time code in four linear formats.

The computer enters the RTP system when you press the load button on the F0: drive.

The Main Menu is the central location for selecting displays associated with the RTP system. All of the displays listed in the Welcome Menu are also included on the Main Menu.



The Real-Time Performance software displays (con't)

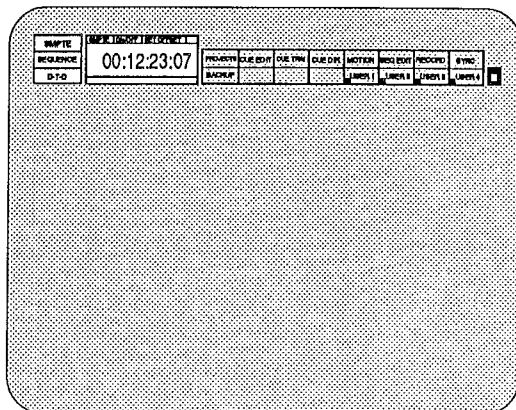
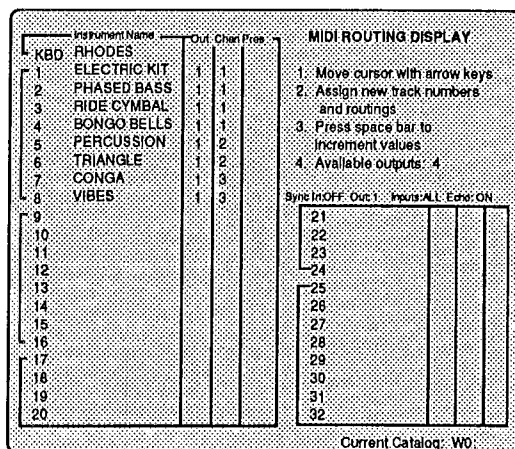
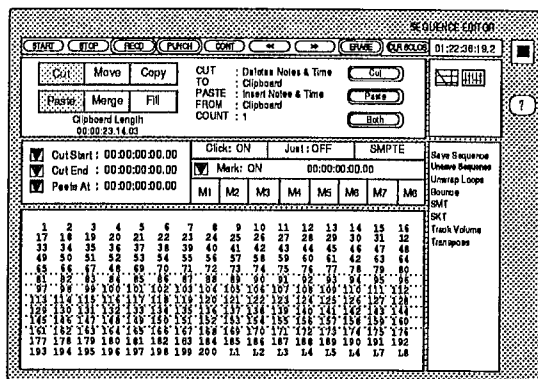
Choosing an RTP software display

The Direct-to-Disk system is run by interrelated software programs which provide complete control over recording and editing sound. Each program has its own terminal display or displays, which you select from the Main Menu by typing a command or by pressing a command key at the terminal.

Some displays are used to recall previously recorded sounds, while other displays are used to record and edit sound.

- The **Sequence Directory** lists sequences ready to be recalled into the sequencer.
- The **Project Directory** lists Direct-to-Disk projects.
- The **Audio Event Editor** records and edits Direct-to-Disk cues and builds sequences.
- The **Sequence Editor** records and edits a sequence of musical events.

Some of the displays listed in the Main Menu are not currently available to the Direct-to-Disk system.



*Real-Time
Performance
system displays*

The Sequence Editor

The MIDI Display

The Audio Event
Editor

The Monitor and Screen Editor displays

Many file management tasks can be performed from the Monitor and Screen Editor.

Complete instructions for using the Monitor and Screen Editor are in the manual *Organizing and Storing Sounds*.

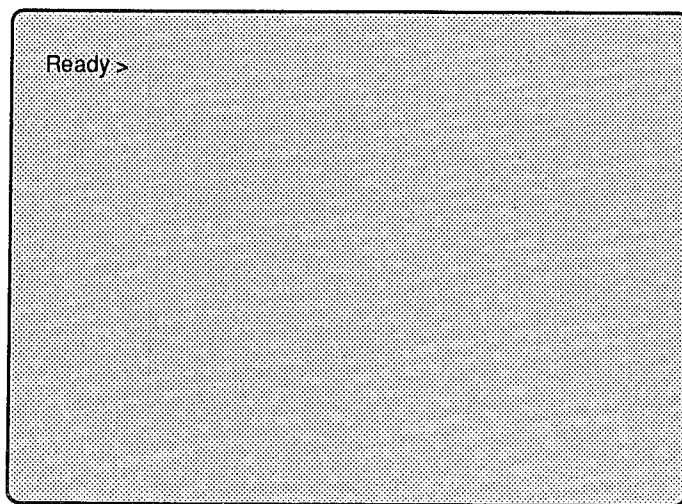
The Monitor

A separate software module, the Monitor, can be used to perform a host of file management tasks, including copying and storing files on hard disk and tape. You can also use it to rearrange storage space on the hard disk or to recover damaged files.

Two computer languages can be used with the Monitor, one for programming and one for music composition. **Scientific XPL** is a high-level language used to create the real-time programs that run the system. The **Script** language is a musical notation system that allows you to compose music at the computer terminal. Script commands give the computer precise instructions on pitch, rhythm, volume, dynamics and other parameters of each note. The **Script compiler** converts the alphanumeric music notation into a real-time performance piece. A **reverse compiler** converts a sequence created in real-time into Script notation.

You can also access **utility programs** for copying files, formatting blank user disks and customizing system disks from the Monitor, as well as **diagnostic programs**, for preliminary diagnosis of system hardware malfunctioning. The diagnostic programs are designed to be used in consultation with N.E.D. Customer Service.

The Monitor display



The Monitor and Screen Editor displays (con't)

The Screen Editor

The Screen Editor is a word processing program with a complete set of commands for creating, managing and editing text files on the terminal screen. It includes facilities for making global changes, copying or deleting sections of text, moving text from one file to another and many other word processing features.

This display is used primarily for faster and more convenient text file management than is possible with the Monitor. It is a general purpose text editor that can be used for creating Monitor command files, processing text files, editing Script compositions or writing XPL programs.

*The Screen Editor
display*

A THE SCREEN EDITOR

SED version 2.14 (15 Jan 88)

Line 1 EXPL Modified Append Mode Line Insert