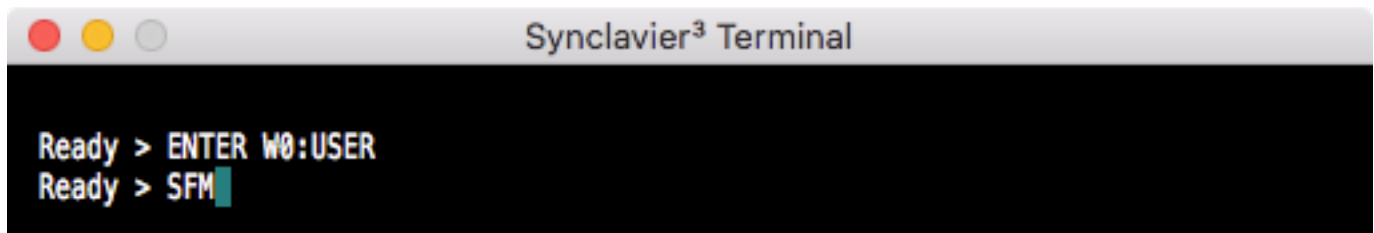


## Synclavier<sup>3</sup> Monophonic Sampling - SYN-5.3M

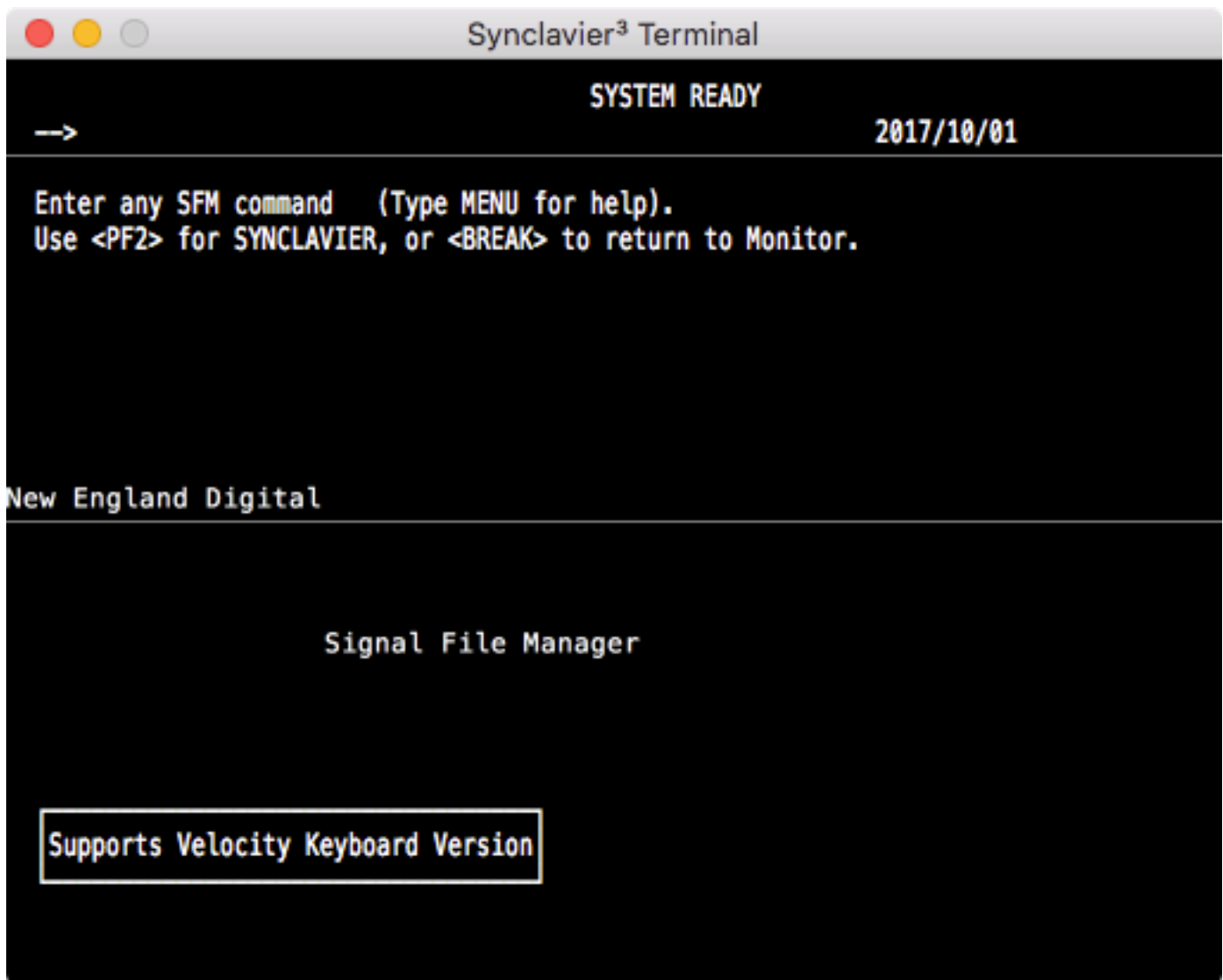
Synclavier<sup>3</sup> Build 57 dated July 21, 2018 includes a restoration of the New England Digital "Monophonic Sampling" option of 1983. Additionally, the Signal File Manager (SFM) a.k.a. Sound File Manager is - in theory - fully operational.

### Sound File Manager

In most cases you should ENTER W0:USER before using SFM.



```
Synclavier3 Terminal  
Ready > ENTER W0:USER  
Ready > SFM
```



```
Synclavier3 Terminal  
SYSTEM READY  
--> 2017/10/01  
Enter any SFM command (Type MENU for help).  
Use <PF2> for SYNCLAVIER, or <BREAK> to return to Monitor.  
New England Digital  
Signal File Manager  
Supports Velocity Keyboard Version
```

```
Synclavier3 Terminal
--> menu          OK          Use <PF2> for Synclavier,
-->              or <BREAK> to return to Monitor

List of valid commands

EXIT             LINE-MODE        RENAME
CATALOG          LEFT             EDIT
CREATE           ENTER            MODULATE
ENVELOPE         MARK             RECOVER
OLD              EXTRACT         AUTOCORRELATE
DUPLICATE        SET              IMPULSE-RESPONSE
SAVE             PRINT            CEPSTRUM
UNSAVE           CONVOLVE         OVERLAY
SPECTRAL-DISPLAY CORRELATE        SONOGRAPHIC-DISPLAY
SYMBOL-CATALOG  ZERO             REVERSE
LABEL           ADD              DIRECTORY
UNLABEL         CAPTION          SYNTHESIZE
DISPLAY         SEARCH           LOOP
CENTER          PATCH
PLAY            TEST
MENU            RESAMPLE
```

The basic commands are OLD (to call up a sound file), PLAY (play a sound file), and CREATE (to record or synthesize a sound file).

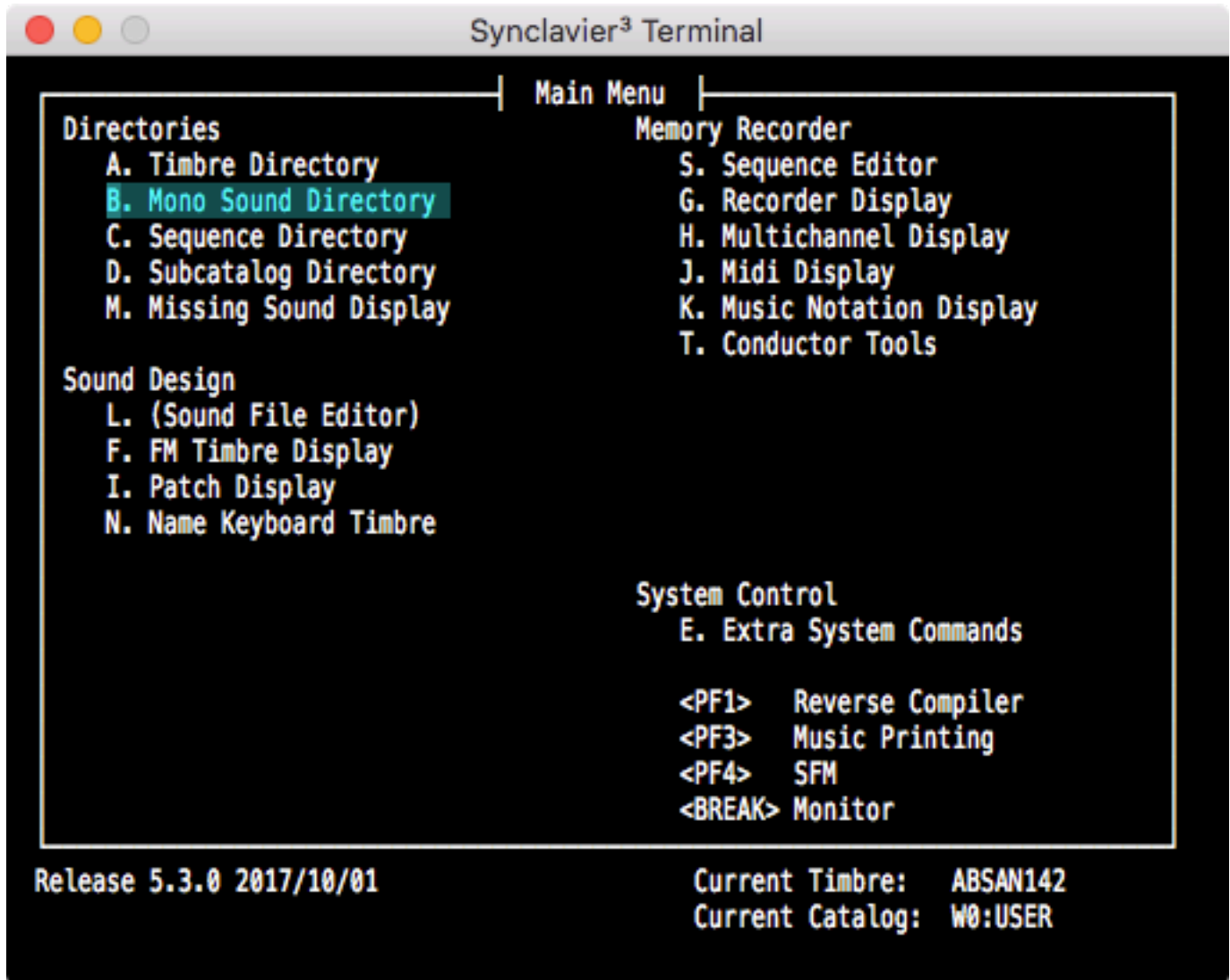
An ambitious and serious user may peruse the [SFMCAT source code on GitHub](#) and develop greater documentation about the available commands. The file 27-INPUT is the main command line interpreter.

The keyboard-triggered playback of sound files may or may not be operational in SFM. Instead, use the SYN-5.3M Real Time Software described below.

## SYN-5.3M Real Time Software

SYN-5.3M recreates the Monophonic Sampling option.

```
Ready > set rtp SYN-5.3M  
Ready > pla
```



The "Sound File Directory" is named "Mono Sound Directory" in the Monophonic Sampling Build.

Sound files can be selected from the B Page Sound File Directory.

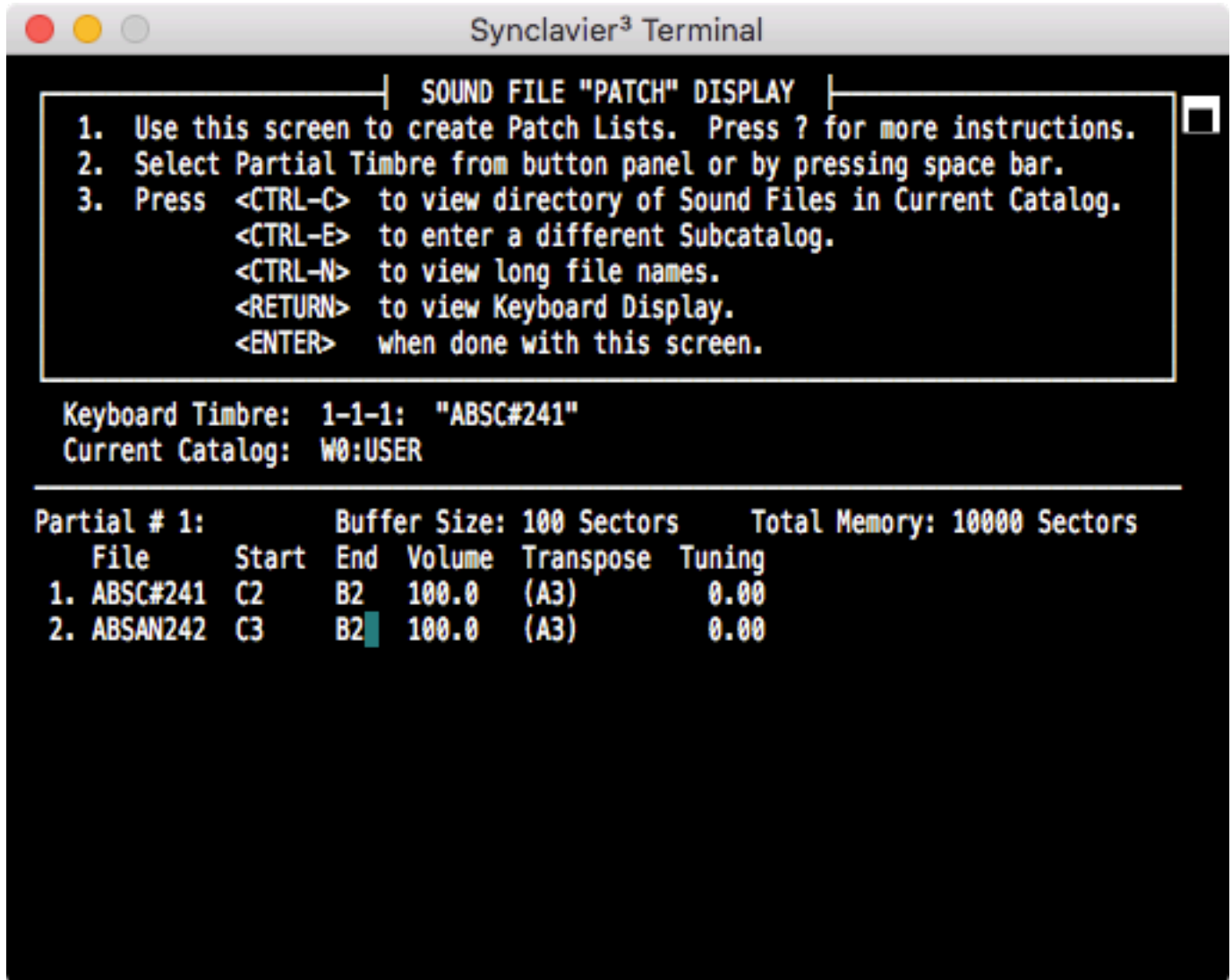
The image shows a terminal window titled "Synclavier<sup>3</sup> Terminal". At the top, there is a menu for "SOUND FILE DIRECTORY" with options for "X", "Y", "Clear", and "Update" (M). Below this, there are several sub-menus: "DEVICES:" with options 1 (Optical Disk), 2 (W0:USER), and 3 (W0:); "SORT:" with options A (By Files Only), B (By Cats/Files), and C (By Cats Only); "FUNC:" with option J (Audition); and "SHOW:" with options D (Caption), E (Length in SECONDS), F (Length in MEGABYTES), G (Length in SECTORS), H (Loops), I (Poly Bin), and L (Long Filenames).

Below the menu is a section titled "Contents of Volume NED-TL3" with a header row containing "N", "P", "R", "T", and "?". The contents are listed as follows:

```
:ABS41
  ABSC#241  ABSN141  ABSD#341  ABSFN241  ABSG#141  ABSGN341
:ABS42
  ABSAN142  ABSAN242  ABSBN142  ABSDN242  ABSDN342  ABSDN442  ABSEN142  ABSEN242
  ABSF#142  ABSGN242  ABSGN342  ABSGN442
:ABS43
  ABSAN243  ABSAN343  ABSBN143  ABSEN143  ABSEN243  ABSEN343  ABSF#143  ABSGN343
:BCL01
  BCLA#101  BCLA#301  BCLAN101  BCLAN201  BCLAN301  BCLC#301  BCLCN201  BCLCN301
  BCLCN401  BCLD#101  BCLD#201  BCLD#301  BCLDN101  BCLDN201  BCLFN101  BCLFN201
  BCLFN301  BCLGN101  BCLGN201  BCLGN301
:BCL02
```

At the bottom of the terminal, it says "Current Catalog: W0:USER".

Additionally, Patches can be constructed from the I Page Sound File "Patch" display.



Of course only 1 sound can be triggered at a time. A new note (or delayed Partial) will interrupt the sounding note and segue to the new note over a 10 millisecond interval.

Interestingly, sound files stored on your Mac, including MP3 files, can be called up to the Monophonic Sampling Real Time Software and played back through the D66 ADX-16 converter.

Synclavier³ Asset Library 1

**Synclavier³**

Root Folders **Sound Files** Timbre Files Sequence Files Sequence Workspaces

Limit search results to selected Root Folders 4,147 ?

Search  File Name Contains Phrase X  
 Folder Name Matches Phrase X  
 Caption Contains Phrase X  
 Categories Contains Phrase X

Sort by Sound File Name  
 Sort by Sound File Handle  
 Group results by Enclosing Folder  
 Audition Sound File On Select

✓	Sound File Name	Sound File Handle	Enclosing Folder	Secs	M/S	Khz	Caption
<input type="checkbox"/>	ABSA#240.caf	ABSA#240	NED-TL12-CAF	6.55	M	50.0	Pizzicato Acoustic Bass - loud
<input checked="" type="checkbox"/>	ABSA#241.caf	ABSA#241	NED-TL12-CAF	5.45	M	50.0	Pizzicato Acoustic Bass - soft
<input type="checkbox"/>	ABSAN142.aiff	ABSAN142	NED-TL3	5.82	M	50.0	Acoustic Bass - bowed
<input type="checkbox"/>	ABSAN142.caf	ABSAN142	NED-TL12-CAF	5.82	M	50.0	Acoustic Bass - bowed
<input type="checkbox"/>	ABSAN242.aiff	ABSAN242	NED-TL3	3.80	M	50.0	Acoustic Bass - bowed
<input type="checkbox"/>	ABSAN242.caf	ABSAN242	NED-TL12-CAF	3.80	M	50.0	Acoustic Bass - bowed

Show In Finder Change Handle Change Caption ? Cache Settings...