

SP-1200® Sampling Percussion System Reissue

PDF copies of the full original 1987 SP-1200 Owner's Manual and Rossum SP-1200 Reissue Manual Addendum can be found here: <https://shop.rossum-electro.com/pages/documentation>

Making Rear Panel Connections

The external power supply included with your SP-1200 unit connects to the 4-pin locking XLR jack.

Your SP-1200 reissue provides balanced audio on 1/4" (6.35mm) TRS jacks for all individual channel outputs and the sample input Monitor and Mix outputs. To duplicate the original SP-1200 sound, use unbalanced TS cables.

Like all classic instruments in the SP-12 family, the Mix output has reverse polarity (phase) relative to the other audio inputs and outputs. Filtered channel outputs 1 through 6, channel outputs 7 and 8, and the sample input monitor are heard at the Mix output unless a cable is inserted into their dedicated TRS jack, disconnecting them from the mix. (Connections at the unfiltered channel outputs 1-6 do not affect the mix output.)

Most headphones can be driven from the mix output quite loudly. Please turn the Mix Volume control fully clockwise (left) before connecting the headphones. Carefully increase the volume to a responsible level.

The remaining 1/4" jacks use standard unbalanced TS 1/4" cables and duplicate the original SP-1200 Sample Input, SMPTE, Met/Clk, and footswitch interfaces. The original SP-1200 MIDI interface is duplicated on standard 5-pin DIN connections. Please see the original SP-1200 Owner's manual for full details.

Working with the Memory Card

When the Disk module is activated, the SP-1200 will show DISK [0-9] on the display's first line. The 16-character display name of the currently selected file or folder stored on the memory card is shown on the second line. Folders are displayed with a / at the end of the display name.

Disk [0-9]
FolderName/

Press or hold the < and > keys to select files and folders. With a folder selected, press Enter to access its contents. To exit a folder, hold the > key to fast-forward through the list of files and folders until the special folder name . . / is displayed and press the Enter key.

Disk module functions 0 through 8 work with the currently selected file just like the classic SP-1200's disk drive worked with a floppy disk storing sequences and sounds. Saving operations will ask for a Yes or No (y/n?) response

allowing users to confirm before overwriting memory card data. All other Disk module functions start immediately after pressing their numbered key. An activity indicator will appear as a pattern of special characters * + - in the upper right-hand corner of the display during saving and loading operations that can take a few moments to complete.

Disk images in .HFE format are indicated with a superscript ^H and can be loaded just like any other file.

Disk [0-9]
HFE-FileName^H

Disk module function 9 allows users to either Save All As the current sounds and sequences to a new or existing file, or to rename or delete a file or folder on the memory card. Begin by pressing 9 to select Disk 9 (Save All As / Rename).

SaveAll In?[Y/N]
FolderName/

To Save All, use the <, >, and Enter keys to select the folder inside which the file will be located and press Yes.

Save All As:
CurrentFile

Input a name using Slider 1 to choose characters and the < and > keys to move the blinking _ cursor. Press Enter to confirm. If the selected name is already in use, SP-1200 will ask for a Yes or No confirmation before overwriting the file.

Overwrite (y/n)?
CurrentFile

To rename or delete the currently selected file or folder, press No at the prompt **SaveAll In?[Y/N]**. Input a name using Slider 1. Files and empty folders can be deleted by inputting a blank name.

Rename:
New File Name

The new Set-up Special Function 27 Create Folder asks where new folders should be created when activated. Use the <, >, and Enter keys to highlight the folder inside which the new sub-folder should be located. Note: The root folder is displayed simply as "/".

CreateSubFld?Y/N
CurrentFolder/

Press Yes to create a folder in the selected location. Input a name using Slider 1 to choose characters and the < and > keys to move the blinking _ cursor and press Enter to confirm.

Filter Real Time Control

Four sliders allow users to tune the initial cutoff frequency and the resonance of the SSI2144 analog dynamic filters on channels 1 and 2 by reaching just over the rear edge of the front panel. The cutoff frequency and resonance increase as the sliders are moved toward the center of the SP-1200. The classic SP-1200 sound is duplicated with the resonance slider fully left, and the frequency slider centered. Users can either adjust these analog controls to a fixed setting, or move them real time to add dimension to a performance.

Display Control

The new Set-up Special Function 26 LCD Control allows users to set the color of the LCD backlight and its brightness. Activate the Set-up module and select 23 (Special). Select the new Special Function 26 LCD Control.

26 LCD Control

When the function is activated, the SP-1200 displays:

LCD Color r G b
Brightness 100%

The < and > keys control a cursor that selects among the three colors. YES and NO set the selected color on or off respectively. Use Slider 1 to adjust the backlight brightness.

Data Transfer from Classic SP-1200

Using a single MIDI cable, you can transfer sounds and sequences from your existing floppy disks to your SP-1200 reissue and save them to new files on the memory card.

To set up the data transfer, first power on the classic SP-1200 with the included 3.5" Transfer OS Disk inserted. The modified OS will load with the software ID **RossumElectroXFR**. Next, connect the MIDI Output from the classic SP-1200 to the MIDI Input of the SP-1200 reissue with a standard MIDI cable.

Note: Everything will be transferred from the classic SP-1200's memory, replacing ALL sequences and sounds in the SP-1200 reissue's memory without a warning, just like using the Disk 0 (Load All Sequences & Sounds) function.

Eject the OS disk and insert the 3.5" disk containing the sequences and sound data to transfer. Activate the Disk module and select Disk 0 (Load Sequences and Sounds).

Go to the SP-1200 reissue. Activate the Set-up module and select 23 (Special). Select the new Special Function

29 RcvLegacyBank

29 (Receive Legacy Bank). Once activated, it displays:

Waiting4Transfer
PrsENTERtoCancel

On the classic SP-1200, activate the Set-up module and select 23 (Special). Select the new Special Function

26 XferToReissue

26 (Transfer to Reissue) and press Enter. The classic SP-1200 will display:

Sending Data 00%
Press NO=Cancel

The percent of data transferred will increment to show the transfer progress. The SP-1200 reissue will start receiving data and display (with a blinking *):

Receiving *

A transfer takes about 2 1/2 minutes. When the transfer of all sequences and sound data has finished successfully, the Classic SP-1200 will return to the Special Functions menu, and the SP-1200 Reissue will display:

Receive Complete
Press ENTER

Pressing Enter on the SP-1200 Reissue returns you to the Special Functions list. You should now save the transferred Sounds and Sequences to a new file on the memory card using Disk 9 "Save All As / Rename". Once this is complete, you are ready to either insert a different disk into the classic SP-1200 and repeat the transfer process, or begin using the transferred sequences and sounds in your SP-1200 reissue.

Note: At any time during a transfer, you can press the NO key (#7) on the classic SP-1200 to cancel the transfer and return it to the Special Functions menu. If you do that, or if an error occurs during a transfer, the SP-1200 reissue's memory will be cleared and the reissue will display:

Receive Failed
Press ENTER

Another Note: The most common cause of a transfer error is that sounds or sequences are played on the classic SP-1200 while the SP-1200 reissue is waiting for the transfer.

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