TechTip: S84ex/86ex – Simple Standalone Save/Load Procedure

The SATO S84ex/86ex models can save label format data and store on memory option to be loaded/printed directly from the print engine without need of sending the data stream via host. There are two methods in which you can create/store/recall label format(s) for Standalone Mode operation.

Steps to save/load label format for standalone printing capturing datastream from print data sent to the printer:

1. Insert formatted SD Card/USB Flash memory option into the appropriate slot on S84-ex/S86-ex print engine:

   a. USB Flash Memory is inserted inside front cover in upper-left corner

   b. SD Card Memory is inserted in the slot located on Interface board of print engine

2. Place the S84-ex/S86-ex print engine OFFLINE and press the **[UP]** button (~5 seconds) until LCD changes to STANDALONE MODE
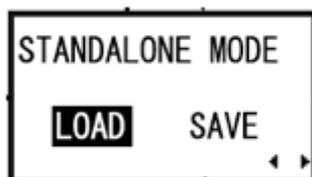
- Select **LOAD** to recall/print format from selected memory option

- Select **SAVE** to save last label format data that was printed previously*

* a printed label must occur in order to save data

NOTE: There cannot be any quantity in print buffer in order to access mode

3. Select memory option location and press **[ENTER]**
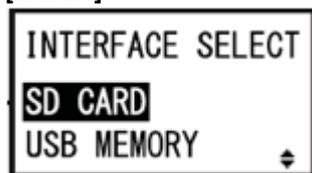
4. If SAVING data, select the format number (use directional keys to change/select number) – if format number already exists, you will be prompted to overwrite existing file and confirmation once complete
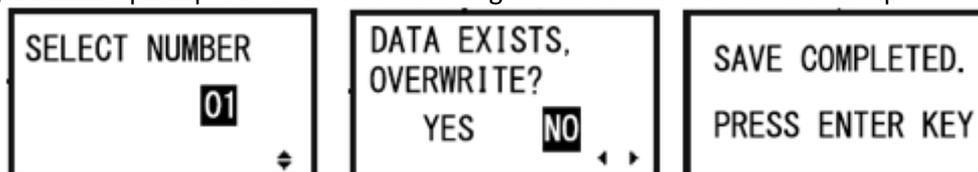
5. If LOADING, use the directional keys to change/select format number and press **[ENTER]** button and enter quantity of labels to print (use directional key to change value):
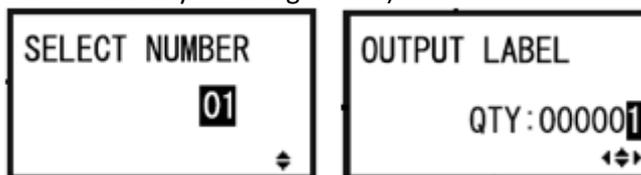
6. Once you have selected the label format and quantity, the printer will go OFFLINE and selected quantity will show on LCD – place print engine ONLINE and toggle print start to print label format

Steps to create/save/load label format for standalone printing:

1. Use label software, such as NiceLabel, Bartender, LabelView, etc., to create a label format. It is recommended to use SATO printer fonts instead of True Type fonts but it is not a requirement. Graphic images are also acceptable to use also. All label objects will be saved as fixed data.

2. Use Print-to-File option to create the SBPL datastream and save the label output to you want to save on the printer.
   - The file name (up to 16 characters) **must** be saved with the extension .**SSA** (Simple Stand-Alone) in order to be recognized by the printer (e.g. *format1_filename.SSA*)
3. Copy the label format file(.ssa) to the **DATA** folder on either a USB or SD memory card that has previously been formatted in the S8x-ex print engine.
4. Insert the memory option into the appropriate location in the S8x-ex print engine.
5. With the print engine ONLINE, hold UP button for 5 seconds to change into Standalone Mode.
6. Select the label format name you want to print and press **[ENTER]**
7. Select the quantity you want to print and press **[ENTER]** and to populate print buffer.
8. Place print engine ONLINE and toggle print start to print label format.