TASCAM
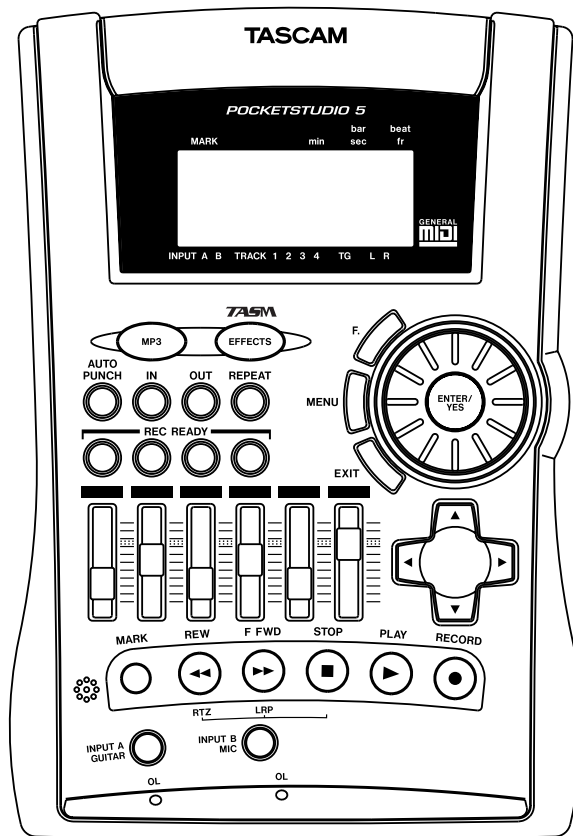## TEAC Professional Division

POCKETSTUDIO 5
4-Track Recorder/MIDI Arranger/MP3 Encoder

Version 2 Release Notes

Table of Contents

This guide describes the new features and differences between the new version 2 software for the TASCAM Pocketstudio 5, and the software described in the manual.

Please make sure that you read these Release Notes together with the other documentation to ensure that you understand what's changed, and what your Pocketstudio 5 can do for you to help you make music.

Specifically, the changes to the existing documentation are:

• Some new features introduced in 1.13, chiefly the ability to record and store more than four songs—"New features in v1.13" on page 8.

• New improved ways of mixing down recorded. multitrack material and playing back MP3 files—"New MP3 mode features" on page 9.

• A program list, making it possible to play back your own, and pre-recorded MP3 files, in any order—"Program list" on page 12.

• New features for managing MP3 files and multi-track songs—"Managing songs and MP3s" on page 14.

• New functions for recording, including stereo pan selection, metronome and count-in facilities for acoustic material, and the ability to jam along to your favorite MP3s—"Other new functions" on page 17.

• We have also listed some small corrections to the existing documentation which may be useful to you—"Corrections to the original manual" on page 7.

• We have also included step-by-step instructions on how to upgrade your Pocketstudio 5.

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Updating your Pocketstudio 5

Check the version of your Pocketstudio 5 software as described below.

If the version is 1.01 or 1.13 you should upgrade to the latest version of the software (2.04).

To check the current software version installed on your Pocketstudio 5, turn on the unit, and examine the software version number shown on the bottom right of the display:

```
        TASCAM
POCKETSTUDIO 5
            V2.04
```
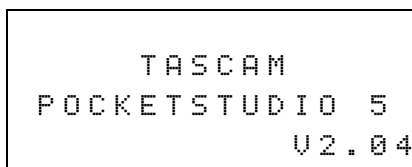
If you do not see V2.04 here, you will need to follow the upgrade procedures below.

> **NOTE**
>
> *After you have upgraded the Pocketstudio 5 as described in the following section, the first time that you insert a card that has been formatted using a previous version of the Pocketstudio 5 software, you will see messages (e.g.* Making PGM file*) appear briefly on the display as the Pocketstudio 5 updates the card.*

> **TIP**
>
> *You can always check on the latest available version of the software by visiting the TASCAM Web site at www.tascam.com/pocketstudio.*

We assume that you already know how to open folders, copy and move files, etc. on your computer system.

If you are in any doubt as to how to perform these operations, please consult the documentation supplied with your computer.

First steps (Windows systems)

The update software comes in a ZIP format archive file, which means that you should have a program installed on your system capable of expanding such archives. A program such as WinZip® is ideal.

Following the instructions supplied with your archive software, extract the archive to a location you can remember (for example "My Documents").

After extracting the ZIP archive, you should see a folder containing one file, called UTILITY.LDR, and one folder, called UTILITY, containing two files: FPRG101.UTL and PS5PRG.204.

First steps (Mac OS 9 and OS X 10.1 and above)

The update software comes in a Zip format archive file, which means that you should have a program installed on your system capable of expanding such archives. A program such as Stuffit Expander™ is ideal.

Following the instructions supplied with your archive software, extract the archive to a location you can remember (for example the Desktop).

After extracting the ZIP archive, you should see a folder containing one file, called UTILITY.LDR, and one folder, called UTILITY, containing two files: FPRG101.UTL and PS5PRG.204.

Back up your data

> **NOTE**
>
> *If you are upgrading a Pocketstudio 5, now is the time to back up your songs and data, as we suggest that you format the Pocketstudio 5 card before performing the upgrade.*
>
> *Perform this and all steps related to the upgrade using the AC adapter. Do not attempt these operations with batteries. If your batteries run out before the upgrade is complete, your Pocketstudio 5 will be left in an unpredictable state, and you may not be able to use it.*

1 **Turn off your Pocketstudio 5. Make sure the CF card is inserted. Connect the Pocketstudio 5 to the computer using a USB cable. Connect the AC power adaptor to the Pocketstudio 5, but do not turn it on yet.**

2 **Press and hold the ENTER key on the Pocketstudio 5 and turn on the Pocketstudio 5 while holding the ENTER key. The display shows** USB MODE **– you can now release the ENTER key.**

After a short while, the Pocketstudio 5 will appear as a removable drive on your computer (if you have one hard disk and a CD-ROM drive already on your Windows computer, it will probably appear as drive E:). On Windows Me/2000/XP systems, a small card icon will appear in the taskbar. On Macintosh systems, it will appear as a drive called POCKET_5**.**

3 **Create a folder on your computer's hard disk called** PS5Backup **or something similar.**

4 **Drag any song folders (they have the same names as the titles of the songs on the Pocketstudio 5) and their contents into the backup folder on your computer.**

5 **If you have MP3 or SMF (Standard MIDI) files on your Pocketstudio 5, drag the** MP3 **and** SMF **folders and their contents into the backup folder on your computer.**

6 **Copy the** PATTERN.001 **file into the backup folder on your computer.**

Format the card

Before doing the upgrade, you should format the card. We suggest this whether or not you have already used your Pocketstudio 5 with an earlier version of the software.

NOTE

If you have not backed up your data, go directly to step 2.

1 *For Windows Me/2000/XP systems*, **left-click the taskbar and stop the Pocketstudio 5 (**USB Mass Storage Device**).**

When the message appears that it is safe to disconnect the device, turn off the Pocketstudio 5 (there is no need to disconnect the USB cable).

or (Windows 98SE), **right-click the** My Computer **icon, choose the** Properties **option and then choose the** Device Manager**.. Use the boxed** + **icon to expand the** Disk Drives **list, and select (click) the** Removable Device**. Now click** Remove**. When the** Removable Device **icon disappears, you can turn off the Pocketstudio 5 (there is no need to disconnect the USB cable).**

or (for Macintosh systems), **eject the Pocketstudio 5 (Command-E) or drag it to the Trash. When the icon disappears, turn off the Pocketstudio 5 (there is no need to disconnect the USB cable).**

2 **Turn on the Pocketstudio 5 once more. Press the MENU key, make sure the cursor is by the** CARD **menu and press ENTER:**

```
♦CARD    TG
 EQ      PATTERN
 PAN     TUNER
 REVERB  SYSTEM  ▾
```

3 **Use the cursor pad to scroll down so that the cursor is by** CARD FORMAT**.**

```
 MP3  PGM  LIST
 MP3  PGM  CLEAR
 MP3  PROPERTY
♦CARD  FORMAT    ⬍
```

4 **Press ENTER. You are asked if you are sure you want to format the card:**

```
   Card  Format

   Sure?>>[ENTER]
```

5 **Press ENTER. Once again, you are asked if you are really sure.**

```
  Card  Format
  Are  you  sure  ?

   Sure?>>[ENTER]
```

6 **Press ENTER. The format takes place (the display shows** Formatting...**) and then you are asked if you want to create a song.**

7 **Press ENTER to create a new song. The display returns to the** CARD **menu**

8 **Turn off the Pocketstudio 5.**

Loading the upgrade

Now you must load the new operating system and the upgrade program onto the Pocketstudio 5.

1 **With the USB cable connecting the Pocketstudio 5 and your computer, press and hold the ENTER key and turn on the Pocketstudio 5. The display shows** USB MODE, **as described above.**

2 **Copy the** UTILITY.LDR **file and the** UTILITY **folder (containing two files) to the Pocketstudio 5 "drive".**

3 **To stop the Pocketstudio 5 "drive", follow the appropriate instructions in "Format the card" above.**

4 **Turn off the Pocketstudio 5.**

Upgrading the software

1 **With the new software loaded, the Pocketstudio 5 disconnected from the computer, and turned off, press and hold down the REW and RECORD keys. While holding them down, turn on the Pocketstudio 5. The display shows:**

```
utility loading
```

2 **Release the REW and RECORD keys. The display shows** `Card Inserted!` **and then changes to:**

```
        UTILITY 1.02
◊FPRG101
```

3 **Press the ENTER key. The display briefly shows** `Loading...` **and then changes:**

```
PRG UPDATER 1.01
◊PS5PRG.204
```

4 **Press ENTER one more time. The software starts updating:**

```
File:PS5PRG.204
   1.13 -> 2.04
Writing..[01/15]
████
```

The update operation will take up to 10 minutes or so to complete

NOTE

IMPORTANT: DO NOT turn off or unplug the Pocketstudio 5 while this operation is taking place.

You cannot use the Pocketstudio 5 while the operation is taking place. Do not connect or disconnect any equipment until the update operation is finished.

When the operation is finished, the Pocketstudio 5 automatically reboots and the display shows:

```
       TASCAM
  POCKETSTUDIO 5
          V2.04
```

The display shows `Err Ptrn File` before loading the song (formatting the card deleted the MIDI pattern file—this is not an error, and we explain below how to restore this file).

5 **Turn off the Pocketstudio 5.**

Restoring your data

Now you must restore any data you backed up and the MIDI pattern files.

1 **With the Pocketstudio 5 connected to your computer, press and hold the ENTER key, and turn on the Pocketstudio 5 in USB mode.**

2 **Copy the** `PATTERN.001` **file from your computer to the Pocketstudio 5 "drive".**

3 **Copy the song folders and their contents from your computer to the Pocketstudio 5 "drive". Note that if you backed up a song called** `SONG1`**, you can delete the** `SONG1` **on the Pocketstudio 5 card before you make this copy.**

4 **The update procedure has automatically created** `MP3` **and** `SMF` **folders. If you backed up these folders earlier, copy the *contents* of the** `MP3` **folder from your computer into the** `MP3` **folder on the Pocketstudio 5 "drive". Copy the *contents* of the** `SMF` **folder from your computer to the Pocketstudio 5 "drive".**

5 **To remove the Pocketstudio 5 from the computer, follow the appropriate instructions in "Format the card" on page 5.**

6 **Turn off your Pocketstudio 5 and turn it on again.**

Congratulations! You can now start using your Pocketstudio 5 with all the new features of the version 2 software.

Note the following corrections and changes to the original *Reference Manual*. Though you probably will not find that these mistakes affect your understanding of how the Pocketstudio 5 works, you may want to make these corrections in the *Reference Manual*.

Please accept our apologies for any inconvenience caused by these mistakes.

Mac OS 8

In the original documentation supplied with the Pocketstudio 5 it was mistakenly stated that the Pocketstudio 5 would function with Mac OS 8. This is not the case, and we would like to take this opportunity to apologize for this error.

"Setting up the song arrangement" on page 12

Although the text here describes a 4-bar fill, this should actually be an 8-bar fill.

"Adding song sections" on page 13

Replace "Move to the section to be deleted…" with "Move to the section before which the new section is to be added…".

"Setting up the chords" on page 15

On the sixth line of the second column, remove the period from the following phrase: "should be inverted (▯). to allow for…".

"Setting up the chords" on page 16

In step 7, change "to the left" to "to the right".

"Octave" on page 21

Replace "active" with "octave".

"Absolute location" on page 29

Replace "…the frames and minutes fields…" with "…the frames and seconds fields…".

"To use the Pocketstudio 5 with a computer (non Windows 98SE)" on page 37

"Max OS 9.x" should, of course, be "Mac OS 9.x".

"Copy and paste" on page 41

On line 6 (left column), replace "…where you want the mark to be copied." with "…where you want the section to be copied.".

Also at the end of this section, replace "…press the **ENTER** key to copy the selected area to the End point." with "…press the **ENTER** key to copy the selected area to the To point."

4 – New features in v1.13

These features already exist in software version 1.13, but will be new to you if you are upgrading from an earlier version than 1.13. In any case, they are not described in the printed documentation accompanying your Pocketstudio 5.

Increased number of songs

One of the most immediate changes is that you can record and store up to the Pocketstudio 5 up to nine songs. This gives you more flexibility in the way that you work, etc.

You can store up to 63 MP3 files and up to 63 SMF files on the card (subject to space), but files with a filename of between eight and 16 characters will count as two files, and files with a filename of more than 16 characters will count as three files.

We therefore suggest that you limit your MP3 and SMF file names to eight characters.

TIP

Although 9 song files are available to you for storing songs, you can create many new small songs or "songlets" within the same song file.

If the first songlet starts at 00:00:00 (or in bars and beats 000-00), and ends at 00:02:35 (or 100-04), simply start the next songlet at 00:03:00 (or 120-01), for example. Use the Marks to set the start of songlets, etc. Remember to leave a suitable gap between the songlets and keep a note of where they start and end. This is useful if you are using the Pocketstudio 5 to jot down many short musical ideas.

Improved OS support

Since version 1.13, you can use your Pocketstudio 5 with Mac OS X 10.1 and above.

Enter USB mode on the Pocketstudio 5 in the usual way (while the Pocketstudio 5 is connected to the computer, hold down the **ENTER** key and turn on the unit).

A card mounted on the Pocketstudio 5 which has been formatted with version 1.13 or above appears as a removable drive called POCKET_5. When you want to disconnect the Pocketstudio 5, "eject" the "disk" (Command-E or drag it to the Trash).

Meters

The default meter type is now the long fat type (previously it was the short thin type). All new songs created will use this style unless you select another style.

TIP

You set meter styles in the SYSTEM menu.

MP3 playback

Note that a wider variety of bit rates is now supported for imported MP3 files. We strongly suggest that all MP3 files are encoded at the 44.1kHz sampling frequency.

However, when playing back variable bit rate (VBR) MP3 files, you should note that the **F FWD** and **REW** keys and the locate functions do not function in MP3 playback mode.

The procedure described in "Mixdown" on page 20 of the *Getting Started* manual has changed somewhat from that described in the manual.

It is now easier to produce different mixes of the same song.

As a brief reminder, remember that the MP3 key has three states showing the current Pocketstudio 5 mode (press the key to cycle between these different modes):

Off: tracking mode In this mode, you can record the tracks, etc. before you do the mixdown.

Red: Mix to MP3 mode You combine the recorded tracks and the tone generator into a stereo MP3 file.

Green: MP3 playback mode You can playback MP3 files, either the ones you have created yourself through the mixdown process or ones you have imported, singly or in a program list.

When the **MP3** key is flashing, the Pocketstudio 5 is in a "transition state", changing from one mode to another. As it changes from one mode to another, the display shows the new mode.

Entering Mix to MP3 mode

In this mode you can either mix your recorded tracks down to stereo 128kbps MP3 files, or to use the Pocketstudio 5 as a portable stereo recorder (for live recordings, interviews, etc., using the two inputs to record directly to MP3).

1   **After you have finished recording the tracks, press the MP3 key so that it flashes red.**

   The display shows:

```
   MIX  TO  MP3
       mode
```

   and then changes to:

```
Create  MP3
Name▶STMIX

   Sure?>>[ENTER]
```

   The MP3 key is still flashing red at this point.

2   **Now you have a choice. You can either:**

   Press ENTER immediately to create a new mix called STMIX**. Any existing MP3 file called** STMIX **will be overwritten.**

   or

   Use the wheel to select an existing MP3 file which will be overwritten by the new mix.

   and/or

   Use the cursor pad and wheel to edit the displayed name to create a new MP3 file.

   NOTE

   *If you have entered the mixdown mode by accident (you didn't mean to press the **MP3** key), press **EXIT** at this point, and you will return to the tracking mode (the **MP3** key is unlit).*

3   **If you have used the first or second method described above, and the MP3 key is still flashing, press ENTER so that the MP3 key lights red steadily.**

4   **If you chose to use an existing MP3 filename for your new mix, the MP3 key continues to flash, and the display shows:**

```
Overwrite  ?

   Sure?>>[ENTER]
```

   Press ENTER to overwrite, or EXIT to return to the previous display.

Now you can either mix recorded tracks ("Mixing down" on page 10) or record a stereo MP3 file ("MP3 recording" on page 10).

Mixing down

Now you can adjust the track levels, pan position, EQ, etc. of the tracks to the position they should be at when the mix starts.

> **NOTE**
>
> *The inputs are active in this mode. If you are not adding any material to the recorded tracks at the mix stage, make sure the input levels are turned down, and that the input B selector switch is not at the **BUILT IN** position.*

1   **When you have the settings the way you want them, press and hold down PLAY and press RECORD to start the mixdown process. Move the faders to set levels, and make any other changes such as pan, EQ, etc.**

2   **Press STOP when you have finished the mix. The mix is written to card (the RECORD key flashes and then goes out) and the display changes.**

```
LASTNAME
Record again?

    Sure?>>[ENTER]
```

   Instead of LASTNAME**, the name of the last MP3 file you mixed to will be shown, of course.**

   If you press EXIT at this point, the MP3 key flashes green briefly while the display shows MP3 PLAY mode.

The MP3 key then lights solid green to show that you can now play MP3s. If you have enabled the program play list mode ("Playing back the list" on page 13), you will see that the MP3 file(s) that you have just created from your mixes

3   **Press ENTER to remain in mixdown mode and record another mix of the same song. Here, you have the chance to overwrite the last MP3 mix that you created, or enter a new name and make another MP3 file (pressing EXIT takes you to MP3 play mode, as described below).**

```
Create MP3
Name♦LASTNAME

    Sure?>>[ENTER]
```

4   **Press ENTER to overwrite the last mix, the wheel alone to select another existing file, and/or the cursor pad and wheel to edit the name of the resulting mix file, as if you were starting the mix from the beginning. Press EXIT to return to the tracking mode.**

> **TIP**
>
> *When you are recording many different mixes of the same material, you can use the cursor pad to move to the end of the displayed name and simply add a number, e.g.* MYMIX1,MYMIX2, *etc. This is a fast and easy way of creating unique names.*

MP3 recording

To use the Pocketstudio 5 as a stereo MP3 recorder, follow the steps below.

1   **Connect the recording sources (or select the built-in microphone).**

   You have the option to set the input mode to St Pair **as described in "Input panning" on page 17 so that input A is sent to the left track, and input B is sent to the right track.**

2   **Select the MP3 file that you will record using the steps in "Entering Mix to MP3 mode" on page 9 above.**

3   **Make sure that all four track faders, along with the TG fader, are at their minimum level (all down).**

4   **The MASTER fader should be about 75% up (as marked on the Pocketstudio 5 itself).**

5   **Adjust the input levels and start recording (RECORD and PLAY).**

6   **At the end of the recording session, the recording is written to card. Follow the instructions from step 2 of "Mixing down" on page 10 onwards to record other tracks, etc.**

Replay of mixed material

When you've completed your last mixdown session or your MP3 recording, press the **EXIT** key to enter MP3 play mode, as shown on the display (the **MP3** key turns flashing, and then solid green). Your mixes have been added to the head of the program list.

Play back the MP3 mixes or recordings, either using the program list features, as described in "Playing back the list" on page 13, or in single mode.

Using the F. key to enter MP3 play mode

A new function is available to allow one-touch MP3 play mode. You can use this mode as an alternative to the one described above.

1 Press and hold the **F.** key for a couple of seconds or so to show the list of possible key assignments.

2 Use the cursor pad to scroll to the bottom of the list:

```
   PTRN  ARRANGE
   PTRN  CHORD
 ♦ MP3  PLAY  MODE
  Assign>>[ENTER]
```

3 Press **ENTER** to assign the **F.** key to the MP3 play mode. The display briefly shows the assignment, and then returns to the previous display.

4 You can now press the **F.** key briefly from any display to enter MP3 play mode. The **MP3** key light will flash green and then light solid green.

When you have entered MP3 play mode in this way, exit by pressing the **MP3** key as described below.

Returning to tracking mode

From the MP3 play mode, return to the tracking mode by pressing the **MP3** key one more time.

The key flashes while the display shows TRACKING mode... and then goes out.

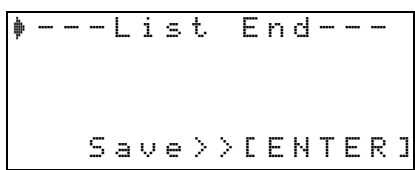You may now continue recording the tracks.

6 – Program list

The program list is a new feature in the version 2 software. allowing you to store a list of up to 99 MP3 files. Use the list to play back a list of songs (including your mixes) in a set order, and repeat a list of songs, etc.

Remember you can store up to 63 MP3 files on a card, so if you use all 99 "slots", some files will be repeated in the list.

Adding, changing and deleting items

To set up the program list:

1 Press the **MENU** key, and select the `CARD` menu.

2 Move the cursor down to the `MP3 PGM LIST` item, and press **ENTER**.

```
◆---List End---



     Save>>[ENTER]
```

Adding an entry to the list

1 Move the cursor to the list entry above which you will add the new entry. Note that if there are no entries in the list, there is one line showing `---List End---`.

2 If there are no entries in the list, turn the wheel clockwise. An entry in the list is created above the `List End` marker. The name of the first MP3 in the `MP3` folder is shown, blinking. Turn the wheel to select the MP3 that you want to add to the top of the list. Now press the right cursor pad so that the whole line blinks and turn the wheel clockwise again to add another entry to the top of the list in the same way.

   or

   If there are already entries in the list, move the cursor down to the point just before you want to add a new entry (`List End` if you want to add to the end of the list). Press the right cursor pad so the whole line blinks (the program list entry number and the abbrevi-

ated MP3 filename). Turn the wheel clockwise to add a new program list entry. Turn the wheel to set the file which will be played when the program list entry is selected.

You can select the same file to appear more than once as a list entry.

NOTE

Any MP3 file that you create by mixing or recording ("Entering Mix to MP3 mode" on page 9) is automatically added to the top of the list.

Editing the list

To change the MP3 file which will be played at a particular point in the program list:

1 Move the cursor to the entry to be edited. The name of the entry blinks.

2 Turn the wheel to select the MP3 file,

3 Use the up and down keys to select other entries to edit in the same way.

Deleting an entry from the list

1 Move the cursor to the entry to be deleted.

2 Press the right arrow key so that the whole line is blinking.

3 Turn the wheel counterclockwise to delete the entry.

NOTE

This procedure does not delete the MP3 file, but only the entry from the list. If you delete an MP3 file using the `MP3 DELETE` function (`CARD` menu), you must also go back to the MP3 program list and delete any entries that make a reference to that file.

Deleting the whole list

You can also delete the whole list by picking the `MP3 PGM CLEAR` menu item from the `CARD` menu and pressing **ENTER**. The display shows:

```
Clear
Program List ?

    Save>>[ENTER]
```

Press **ENTER** one more time to delete the list, or **EXIT** to leave it unchanged.

NOTE

This only deletes the program list; it does not delete the MP3 files themselves.

When you've finished

Press **ENTER** to save the program list, and then **MENU** to return to the main playback display (or **EXIT** to return to the `CARD` menu).

Playing back the list

There is now an option in the `SYSTEM` menu that allows you to select any of the following when playing back MP3 files:

1   Press the **MENU** key, select the `SYSTEM` menu, and move down to the `MP3 PB` menu item:

```
Time  :ABS
MP3 PB▶List
Meter :LongFat
NsPA  :10
```

2   Use the wheel to select from: `Single` (plays back one song), `Single ∞` (continuously loops and plays back one song), `List` (plays back the program list— default), and `List ∞` (continuously plays back the program list in order).

3   To play back a list of MP3 files, press the **MP3** key until it flashes green and the display shows `MP3 PLAY mode`.

4   The top line of the display shows the program list item number, followed by the current time within the song in minutes and seconds. The second line of the display shows the 8-character name of the display.

5   When playback is stopped, you can move the cursor under the item number, and use the wheel to select the item in the list. The program number and name will blink until you press the **PLAY** key to start playback.

TIP

*Remember that you can assign the **F.** key for quick and easy MP3 play mode (see "Using the F. key to enter MP3 play mode" on page 11).*

Song edit

The capabilities within the song editing functions have been expanded, allowing for faster and more flexible editing.

Stereo pair and all tracks

Within the song editing functions, in addition to the individual four tracks (Trk 1 through Trk 4), you can now select pairs of tracks (Trk 1+2 or 3+4) or all tracks (Trk All). This provides you with more flexibility when editing songs.

Copy/paste

Copying and pasting is now possible between tracks. For example, if you have recorded two vocal parts, and you want to use the chorus line of one, but the verse of another, you can mark the start and end points of the source, and copy to the destination track, overwriting the original.

1   Press the MENU key, choose the CARD menu, move to SONG EDIT and press ENTER.

2   Move to EDIT COPY and press ENTER.

```
Src  ♦Trk1
Dst  :Trk1
Start:IN           ▼
   Sure?>>[ENTER]
```

3   Use the cursor pad and wheel to select the source track (Src). You can select any of the individual four tracks (Trk 1 through Trk 4), pairs of tracks (Trk 1+2 or Trk 3+4) or all tracks (All).

4   Select the destination track (Dst). Your choices are the same as for the source track.

5   Select the destination point (To) of the portion you want to copy.

NOTE

Remember that the Start and End points are the IN and OUT points. You cannot select different points.

6   Select the number of times (Time) that you want to copy the selected portion to the destination.

7   Press ENTER to make the copy. The display shows Complete when the copy is finished.

Last recording point Another feature added in this release of the software is the ability to use the last recording point (that is, the point at which recording last started), as a destination for copy and paste operations. This is shown as LRP when you select the To: destination point.

Track erase

It is now possible to erase the whole of a track, a pair of tracks, or all tracks together.

1   Press the MENU key, choose the CARD menu, move to SONG EDIT and press ENTER.

2   Move to EDIT SILENCE and press ENTER.

3   Select the track or tracks to be erased (Trk 1 through Trk 4, Trk 1+2 or Trk 3+4, or All).

4   Previously, the IN and OUT points determined where the silence was to replace the track. This is still an option, but if you move the cursor to the Start or End fields, and turn the wheel, you can pick All as the selection to be replaced by silence:

```
Trk  :Trk1+2
Start♦All
End  :All
   Sure?>>[ENTER]
```

5   Press ENTER to erase the track(s).

Rename MP3

Previously only the currently-loaded MP3 file could be renamed. Now it is possible to rename any MP3 file currently on the card.

1 **Press the MENU key, choose the** `CARD` **menu, move to** `MP3 NAME` **and press ENTER.**

```
⬦MYMIX1
 MYMIX2
 OLDMIX5           ▾
 Select>>[ENTER]
```

2 **Press ENTER to select the MP3 file to be renamed.**

```
MP3 Name
Name  :GOODMIX̲

   Sure?>>[ENTER]
```

3 **Use the wheel and cursor pad to name the song, and press ENTER when you're done.**

MP3 properties

You can now display the bit-rate, file size and running time of MP3 files stored on the Pocketstudio 5 card.

1 **Press the MENU key, choose the** `CARD` **menu, move to** `MP3 PROPERTY` **and press ENTER.**

```
⬦GOODMIX         ▯
 MYMIX2           ▯
 OLDMIX5          ▯
 OLDMIX8          ▯▾
```

2 **Use the cursor pad to move down to the appropriate MP3 file, and then press the right cursor pad:**

```
GOODMIX
  128kbps Stereo
  2.7MByte
  03:01
```

3 **Press EXIT to return to the list.**

NOTE

If an MP3 file has been encoded with an invalid sampling frequency (for example 48kHz or 32kHz), an appropriate message is shown here.

Song Protect

This function allows you to lock a song, protecting it from any further changes (recording, editing, etc.). Protected songs cannot be saved to card, etc. after they have been protected. If another song is loaded after a song has been protected, the original protected song remains protected, and will still be protected when it is reloaded from card.

Note that you can only protect and unprotect the currently-loaded song, while you are not recording or playing back the song.

1 **Press the MENU key, choose the** `CARD` **menu, move to** `SONG EDIT` **and press ENTER.**

2 **Move to** `SONG PROTECT` **and press ENTER:**

```
SONG1
  Protect⬦Off

    Save>>[ENTER]
```

3 **To protect the song, use the wheel to change** `Off` **to** `On`**, or to unprotect the song, change** `On` **to** `Off`**. Press ENTER.**

4 **The Pocketstudio 5 then asks if you are sure you want to write the protection status to the card (**`Save Current ?`**). Press ENTER again.**

5   Once again you are asked if you are sure you want to save the song (Are you sure ?**). Press ENTER again.**

You can press EXIT at any time here to cancel the protect/unprotect process.

At the end of the process, the display shows Complete and returns to the main screen.

Protected songs are shown with a special symbol (⅃) beside the song title in all menus.

When you attempt an operation (including recording or arming tracks) which would otherwise change the song, the message Song Protected is shown before the function exits and returns to the previous screen.

Play along with MP3 ("karaoke")

If you have loaded an MP3 and you are in MP3 play mode (the MP3 key is lit green), you can use the built-in or external microphones or the line/guitar inputs to sing or play along with the MP3.

You can also use the two input effects at this time, allowing your "sing-along" to have a professional feel to it.

NOTE

When you are listening to MP3s and are not singing or playing along, you almost certainly will not want to pick up the sound from the internal microphone. Make sure that the input selector switch is not in the **BUILT IN** *position and that the input levels are turned down.*

Input panning

In previous versions of the software, there was no way to record a true stereo MP3 file directly from the inputs, because input signals were sent to both sides of the stereo bus equally.

It is now possible to route the signals independently to the left and right destination tracks when making stereo MP3 recordings ("MP3 recording" on page 10). Input A is sent to the left channel of the stereo MP3, and Input B to the right channel.

In normal tracking mode, this new option also sends the signal from input A to either track 1 or 3 (but not to 2 or 4) and the signal from input B to track 2 or 4 (but not to 1 or 3). This means that you cannot record two tracks from one input when using the input

effects in this mode (only half the signal is recorded on one track).

1   **Press the MENU key, move to the** SYSTEM **menu and press ENTER.**

2   **Move to the Input option, and use the wheel to select either** Normal **(inputs are routed to left and right tracks equally) or** ST Pair **(the two inputs are routed to the left and right independently).**

```
Record:Tracking
Input  ♦ST Pair
TgMode:Pattern
Tempo:--------  ▼
```

Song markers

To make your life easier, you can now use preset song part names as "building blocks" to help name marks.

The way you use them is as follows:

1   **Insert your marks in a song as normal (press the MARK key at the appropriate locations).**

2   **Edit the marks—press the MENU key, enter the** CARD **menu, and then the** SONG EDIT **menu.**

3   **Move the cursor down to** EDIT MARK **and then press ENTER.**

```
 Select  Mark
♦Mark  1         ▯
 Mark  2         ▯
 Mark  3         ▯▼
```

4   **Use the cursor pad to move to a mark, and then press the right cursor pad:**

```
Name:Mark  1
Time:  00:30:19
Mode:Word
   Write>>[ENTER]
```

5   **Turn the wheel. While the** Mode **parameter on the third line is set to** Word**, you can set the mark title to one of the following preset names:** Intro,Verse1,Verse2, Verse3,Bridge1,Bridge2, Bridge3,Chorus1,Chorus2, Chorus3,Solo **and** Ending.

But what if you have more than three verses, and you want to enter Verse5, for example?

6 Move down to `Mode`, and set this parameter to `Normal`. Now when you move up again to the mark name and turn the wheel, you can edit the name by a character at a time, so it's easy to change the verse number.

Remember that you can only use eight marks per song.

7 Press **ENTER** to write the new mark settings.

Metronome

When you're recording with a MIDI pattern or a MIDI file, you don't need a metronome—the MIDI instruments help to keep you in time.

However, when you're playing with no backing, you may want a metronome to keep in time (you may also want a count-in to a pattern—see below). With the version 2 software, the Pocketstudio 5 provides you with just that.

To set up and use the metronome with no backing:

1 Press the **MENU** key and enter the `SYSTEM` menu.

2 Set the `TgMode` to `OFF`.

3 Move down to the `Metro` (metronome) parameter, and press the right cursor pad:

```
Tempo  ♦♩=120
TimSig:  4/4
Level  :119
```

4 `Tempo` Set the tempo for your song (from `50` through `250`, measured in beats per minute).

5 `TimSig` Set the time signature for your song. Select from the following: `1/1,2/1, 3/1,4/1,5/1,6/1,7/1,8/1,1/2, 2/2,3/2,4/2,5/2,6/2,7/2,8/2, 1/4,2/4,3/4,5/4,6/4,7/4,8/4, 1/8,2/8,3/8,4/8,5/8,6/8,7/8, 8/8,1/16,2/16,3/16,4/16,5/ 16,6/16,7/16,8/16,9/16,10/ 16,11/16,12/16,13/16,14/16, 15/16` and `16/16`.

6 `Level` Set the initial level for the metronome (`0` through `127`).

7 Press **EXIT**. Set when you want the metronome to play: `RecOnly` (only while recording), `RecPlay` (while recording and playing back), or `OFF`.

8 Now when you play back or record (as set above), you can hear the metronome. You can adjust the volume with the **TG** fader.

Remember to turn the metronome `OFF` when you are mixing down, otherwise the metronome sound will be included in the final mix when you mix down (almost certainly, you do not want this to happen).

Count-in

When you are playing with one of the tone generator patterns, you will usually want a count-in to allow you to adjust to the tempo before you start playing or singing.

In this version of the Pocketstudio 5 software, you can do this in the following way:

1 From the `SYSTEM` menu, set the `TgMode` to `Pattern`.

2 Set up the metronome as above (the tempo and time signature are determined by the pattern, of course).

3 Enter the `PATTERN` menu, scroll down to `Arnge` (arrange), use the wheel to select `User` or `Preset`, and press the right cur-

sor pad (the display will show something like this).

```
♦   1-Intro  ( 4)
    5-VerseA( 4)
    9-FillAB( 1)
   10-VerseB( 4)▼
```

4 Now press the left cursor pad so that only the `1` on the first line is blinking. This is the measure (bar) at which this section of the song pattern starts.

5 Use the wheel so that the first section starts after the beginning of the song. For example,

setting this figure to ３ will give you a 2-measure count-in.

```
♦    3-Intro ( 4)
     7-VerseA( 4)
    11-FillAB( 1)
    12-VerseB( 4)▼
```

6 **Now when you play back or record the song, you will hear the metronome sound for 2 measures before the Intro section starts.**

Key transpose

There are times when you want to transpose the whole of a pattern.

For example, you may have written a blues song pattern in E for practicing, but now you want to practice in B.

Of course, you could go through every part and drop every section in every instrument by a semitone, but there's an easier way.

1 **With the tone generator selected to be in Pattern mode (SYSTEM menu), press the MENU key, navigate to PATTERN, and press ENTER.**

2 **Use the cursor pad to scroll down to KeyTr (key transpose).**

3 **Now use the wheel to adjust the pattern up or down by up to three octaves (36 semitones).**

7 **When you come to mix down the song, remember to turn off the metronome, and to start the mixdown at measure 3 of the song.**

> **TIP**
>
> *It may be useful for you to put a mark named Intro at measure 3, beat 1, so that you can easily start playback from that point.*

> **TIP**
>
> *You can do this while you are playing back the pattern, to allow you to "preview" your changes while you are playing or singing along. This allows you to find the key which is best for your voice, for example.*

The bass and the two instruments will be transposed by the amount you specify, but the drums (naturally) will not.

Also, note that although you have changed the pitch of the playback, the chords that you have input will appear the same on the display. Returning to our blues which we wrote in E, if the transpose value is set to -5, the playback will actually be in B, but if you look at the chords in the Chord sub-menu, they will still read E,A7,B7, etc.

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POCKETSTUDIO 5