Sampletank

Professional VST sound module
with top-quality multisampled sounds

MAS & RTAS manual
included in the CD

Manual Update version 1.1.4
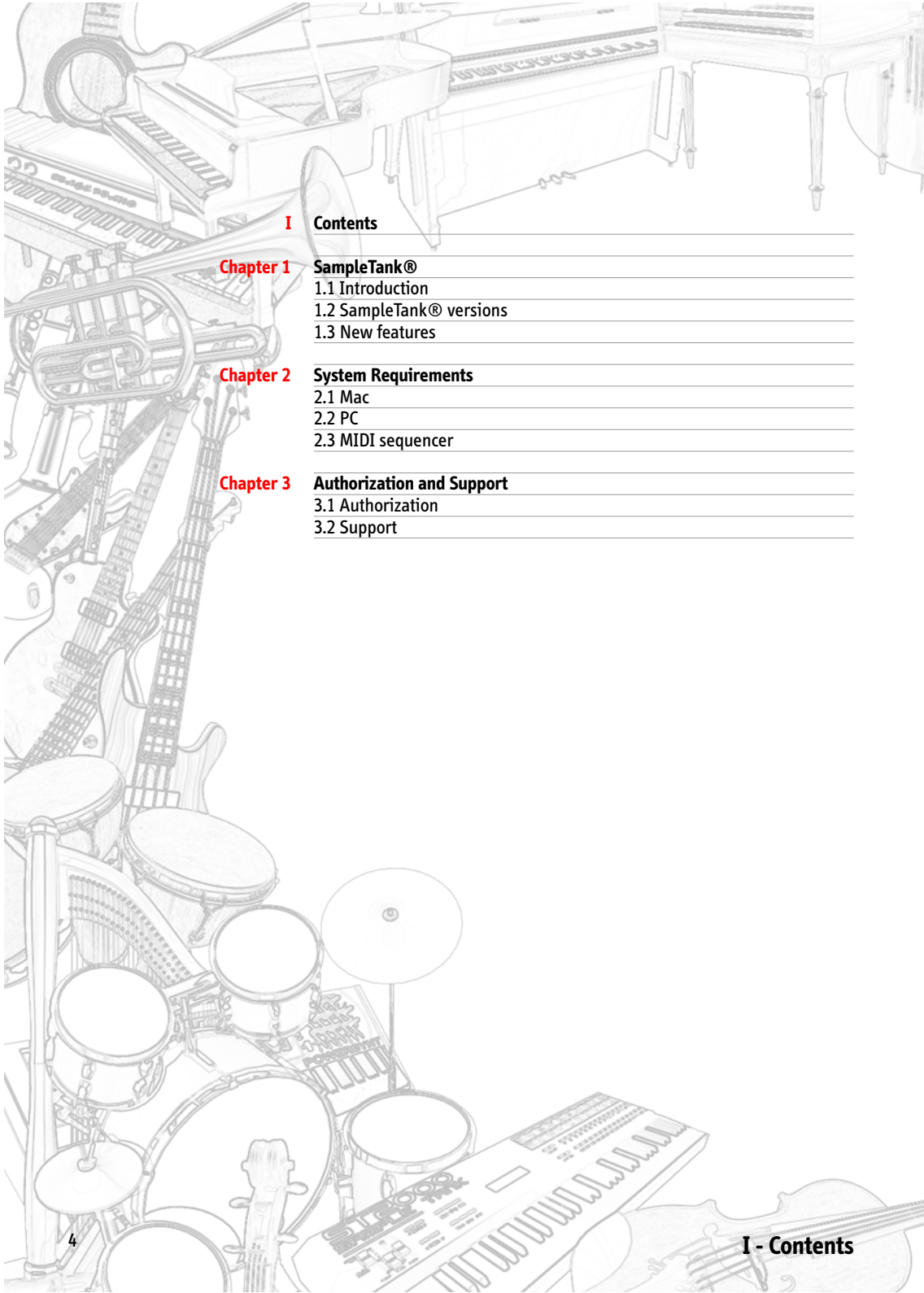
Acoustic Grand Piano 1 ⚠

A (Brightness):   Brightness
B (Touch1):   Velocity to volume sens.
C (Touch2):   Velocity to filter sens.
D (Tuning):   Fine Tuning

- Acoustic Grand Piano + Strings
- Acoustic Grand Piano 1
- Acoustic Grand Piano 2
- Acoustic Grand Piano 3
- Electric Grand Piano
- Flanging Electric Piano
- Harpsichord
- Honky Tonk Piano
- House Piano
- Electric Piano

Piano: Acoustic Grand Piano 1

Brightness   Touch 1   Touch 2   Tuning   Gain   Freq.   Gain   Gain   mp.

127   127   127   64   0dB   1.76kHz   0dB   0dB

MIDI
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

STATUS

EMPTY ◄   OUTPUT
1 3 5 7
2 4 6 8

Sampletank
VST Sound Module

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Professional VST sound module
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Manual Update version 1.1.4

Contents

SampleTank

Chapter 1   SampleTank®

1.1   Introduction

fig. 1

This document lists the main changes and improvements in the current release of SampleTank version 1.1.4 (fig. 1). Please refer to the User Manual for version 1.0 for a comprehensive description of SampleTank's operation, and to the MAS and RTAS manuals for the specific information concerning Digital Performer and Pro Tools.

1.2   SampleTank® versions

SampleTank comes in three versions:

- **SampleTank LE**
- **SampleTank L**
- **SampleTank XL**

SampleTank LE is only available together with a SampleTank instrument library. It is limited to only four midi channels and only one stereo output.

SampleTank L and XL include an AKAI® converter.

All three retail versions of SampleTank are able to open any instrument in SampleTank format.

SampleTank DJ is no longer in production.

Upgrades of SampleTank LE and L versions to L or XL versions can be made online at http://www.sampletank.com , by mailing sales@sampletank.com or contacting IK Multimedia, via dell'Industria 46, 41100 Modena, ITALY, tel +39-059-285496, fax +39-059-2861671.

1.3   New features

Altivec optimization (Mac)

SampleTank® is now optimized for the G4 processor and boasts a performance that is almost double that of the previous 1.0 release. On a G4 533 SampleTank® will achieve a maximum of 128 polyphony notes and more than 90 notes in the new High Quality mode.

Dual Processor support

SampleTank® now fully supports a dual processor architecture, both in Windows® 2000 (and NT™ 4.0) and Mac OS®. Advanced MP (multiprocessor) modes can now be enabled, achieving an unprecedented level of power.

High quality resampling/repitching engine

SampleTank® now offers two selectable play modes for its sampling engine:

- **High Performance**: this is equivalent to the play mode available in version 1.0, offering the highest performance of 128 notes polyphony on the current generation of computers.
- **High Quality:** this is a new mode which allows for an even better sounding engine, we believe this is probably the best available on the market today.

The new algorithm provides a very flat frequency response at the high end (not very common in digital samplers, either hardware or software types) and, even more importantly, a very low, almost immeasurable, aliasing noise. In musical terms this delivers a more "open" and "focused" sound that means single tracks blend better together, resulting in more detailed and musical mixes.

How to turn on/off the new resampling engine:
To change the functioning of SampleTank®'s resampling engine, you will need to edit the "SampleTank Settings.txt" file, located in the Preferences folder of your System (Mac) or in the SampleTank folder (Win), as follows:

- **QualityOrPerformance = Quality** (to use the new resampling algorithm) (fig. 2)

- **QualityOrPerformance = Performance** (to use the old resampling algorithm, as in previous version) (fig.3)

fig. 2   fig. 3

The new "Quality" algorithm gives a more detailed and cleaner high end with a sweeter midrange. Resulting tracks have better balance and improved blends in complex mixes.

Instruments folder autoscan on start-up

One of the main features of SampleTank® is the possibility to freely transfer your songs from one computer to another because SampleTank® is able to recognize the instruments used no matter their location on the hard disk. This operation, called "instruments cache creation" is performed at every time the plug-in starts up and usually takes only a few moments but it will become longer as your instruments folder gets bigger. To avoid long start-up times, SampleTank® now offers the choice of enabling or disabling autoscan at start-up.

How to turn on/off the instruments folder autoscan on plug-in start-up:
To change the functioning of SampleTank®'s 1.1 instruments folder autoscan, you will need to edit the "SampleTank Settings.txt" file, located in the Preferences folder of your System (Mac) or in the SampleTank folder (Win), as follows:

Sampletank

- BuildCacheAtStartup = no (to manually scan the instruments folder using the Apple key + Root button (Mac) or the Ctrl key + Root button (Win))

- BuildCacheAtStartup = yes (to scan the instruments folder each time the plug-in starts up, as in previous versions)

Please note that you can refresh your "instruments cache" at any time using the Apple key + Root button (Mac) or the Ctrl key + Root button (Win) on the right hand side of the SampleTank® interface. If you choose to manually scan the folder, please remember you will need to do it every time you add or move instruments, otherwise they will not be displayed correctly.

Authorization button

fig. 4

In the event of problems with the authorization process or if you need to look the SampleTank® codes, you may now easily recall the authorization dialog from the plug-in interface (there is a small button showing a lock on the bottom right part of the interface, see fig. 4).

1 - SampleTank®

Chapter 2   System Requirements

2.1   Mac

Minimal: PPC604 200MHz with MacOS 8.5 or later system software, 64 MB RAM. Screen settings: 640x480, thousands of colors, 240 MB of free hard disk space. Suggested: Power Macintosh® G3/G4 with 128MB RAM, 2GB of free hard disk space. ASIO card is recommended for low latency real time play.

2.2   PC

Minimal: Intel® Pentium® 200 MHz MMX™ with Windows® 95, Windows® 98, Winsows® ME, Windows® NT™ 4.0, Windows® 2000, 64 MB RAM and high-quality sound card. Screen settings: 800x600, high colors (16 bit), 240 MB of free hard disk space. Suggested: Intel® Pentium® III 500 MHz with 128MB RAM, 2GB of free hard disk space. ASIO card is recommended for low latency real time play. Optimized for Pentium® III.

2.3   MIDI sequencer

To use SampleTank you need a sequencer compatible with VST instruments, MAS or RTAS. The following versions are supported:

Cubase VST PC version 3.7.2 or Mac version 4.1.1, or later.

Logic Audio PC and Mac version 4.5, or later.

Digital Performer for Mac version 3.01 or later and MAS (Motu Audio System extensions) version 2.33 or later.

The following Mac versions of the **Pro Tools** software:
- Pro Tools 5.1 or later for MIX|24 TDM systems
- Pro Tools 5.3 or later for HD TDM systems
- Pro Tools LE 5.01 or later for Digi 001 systems
- Pro Tools LE 5.2 or later for the Mbox

Chapter 3 Authorization and Support

3.1 Authorization

The new SampleTank plug-in requires an authorization code for full installation. Until it is fully authorized, SampleTank will work only in demo mode, that is with a maximum polyphony of six notes. Follow this procedure for installation and authorization of your new SampleTank:

1) Launch your sequencer (ProTools®, ProTools® LE, Digital Performer™ or any VST® sequencer such as Cubase® or Logic Audio™).

The SampleTank authorization window will be displayed, showing

- a Serial Number field: this is obtained from the registration card included in the package.

- a Digital ID: this is a code generated by SampleTank based on your system's characteristics. The Digital ID is unique to your computer. If you try to install SampleTank on another system you will get a different Digital ID.

- an Authorization Code field: this is generated by each user registration, and is linked to both the Serial Number and Digital ID. Whenever the Digital ID changes, the Authorization Code will be void and SampleTank will revert to demo mode. You will need another Authorization Code to authorize SampleTank again.

2) Copy your Digital ID (copy button) or write it down if you don't have an internet connection on the machine where you're installing SampleTank . (note: Digital ID and Authorization Code have no letters 'I' and 'O'. Those you might see are actually numbers: ones and zeroes, respectively).

3) Launch your browser and access the SampleTank registration page:

http://www.sampletank.com/STReg.html

Your browser will need to support frames and Javascript; all recent versions of Netscape Navigator and Internet Explorer will suffice. The SampleTank registration form will be displayed.

4) Complete all the required fields, including your Serial Number and Digital ID. All codes should be entered in capital letters. Remember to provide a working e-mail address: it will be used to send our Authorization Code. Press 'Submit '.

5) Open your e-mail client software and check for new mail in the address you've just inserted in the registration form. You will shortly receive a message confirming our registration and giving you an Authorization Code. Now you have all the codes necessary to authorize SampleTank.

6) If you had closed our application, launch SampleTank again. Otherwise, just return to the authorization window. Type carefully your Serial Number in the 'Serial Number ' field in the authorization window you can find on the registration card.

NOTE: with your authorization code you'll also receive a user name and password to access your personal user area in SampleTank's website.

Keep them in a safe place, you may need them later to download patches and updates or generate new authorization codes in the event that you accidentally lose the original one.

SampleTank - Authorization form

Thanks for having purchased SampleTank!

To authorize your SampleTank you'll need:

– Serial Number. The serial number is written on the registration
    card included in the package.

– Digital ID. The Digital ID is a code generated by Sampletank and
    it is displayed here below.

– Authorization Code. This is the final authorization code that you can
    obtain immediately online with your Serial Number and Digital ID.

Follow this procedure to authorize your Sampletank:

1) Write down carefully (or copy) your Digital ID.
This must be the Digital ID of the system where you are planning
to install and use Sampletank.
Digital ID and Authorization Code have no letters 'I' and 'O'.
Those you might see are actually numbers: one and zero, respectively.

2) Launch your browser and connect to the Sampletank registration page:

http://www.sampletank.com/STReg.html

Digital ID:	8EAHD0MH-J1CN-M5AM-WMHK-KNS4GGKL	Copy
Serial number:		
Authorization code:		Paste

OK   Demo

fig. 5

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7) Copy and paste (paste button) or type carefully your Authorization Code in the 'Authorization Code 'field in the authorization window (fig 5).

8) Press 'OK '. If all information has been entered correctly, SampleTank will now be authorized. Remember to write down your Authorization Code and keep it in a safe place for further reference.

If you have no access to the Internet, in the SampleTank CD you will find a PDF file called Authorization CodeRequest Form. Open the file (with Acrobat Reader), print the form, fill in the required fields and fax everything to +39-59-2861671 to receive our Authorization Code within 24 hours of our fax (standard business European time).

Please write clearly: if we can't decipher the codes, we won't be able to generate a working Authorization Code. If you have no access to a fax machine fill in the aforementioned Authorization Code Request Form and mail it to this address:

IK Multimedia Production srl, Via dell'Industria 46, 41100 Modena, ITALY

You'll be given our Authorization Code by return mail within 15 working days.

3.2   Support

For any question you may have please refer to the FAQ at:
http://www.sampletank.com/STFaq.html
where you'll find answers to the most common questions.

For free support write at:
support@sampletank.com

User Area

Together with your authorization code you've also have received a user id and password to access your personal user area on SampleTank's website. The personal user area is an advanced online service provided to you by IK Multimedia. It allows you to download patches and updates or to generate new authorization codes in the event that you accidentally lose the previous ones. To access your personal user area, simply go here (fig. 6):

https://www.ikmultimedia.com/Login/IKLogin.cgi

fig. 6

3 - Authorization and Support

In the personal user area (fig. 7) you can:

1) **Request a new authorization code**
   This is useful for users who need to reinstall their applications with a new authorization code. The codes are supplied immediately with no need to wait before receiving them.
2) **Submit a support request**
   Support requests received using this form will follow a preferential line and will be answered first within our standard 24 hours lead time (business hours).
3) **Edit your personal and product data**
   Here you can manage all your personal and product data and recall your serial numbers easily.
4) **Download software updates and free contents**
   According to the products you've registered, here you'll find the latest patches/updates and free contents to download.
5) **Customize your Username/Password**
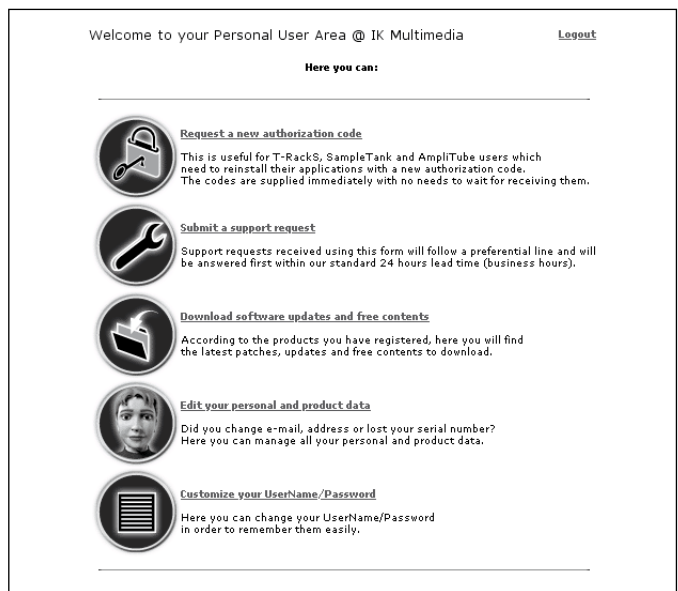   Here you can change your Username/Password in order to remember them easily.

fig. 7

SampleTank