

Technical Information

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Servicedisk and Servicestick for Windows XPE Terminals

Silverball STRATO
Silverball STRATO MAX
Silverball COSMO
Silverball COSMO MAX
Max Fire (since V1.21)
Max Fire VIDEO (since V1.21)

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In order to make it easier to copy music titles- and videos, advertising pages and logos there is the *Servicedisk XPE* or rather the *Servicestick XPE*.

You can order the Servicedisk directly at TAB-Austria with the number „831 000 075“ or create it with the „Prepare tool“.

To use the Servicestick you can use a usual in trade USB - stick and create it with the „Prepare Tool“ (it could be that some USB – sticks are not compatible!).

On page 4 you can see how to create a Servicedisk or a Servicestick with the “Prepare Tool”.

Use of Servicedisk or Servicestick only for machines with the operating system Windows XPE!



Overview

In this overview you can find which update disk to use for which product:

1) *Max Fire / Video*

- Since V1.21 → Servicedisk
 - a. Can be ordered directly at TAB-Austria with the material number “831.000.075”
 - b. Create by your own with the program „Prepare Tool“

2) *Silverball Cosmo / Strato*

- Since V10.00 → Servicedisk
 - a. Can be ordered directly at TAB-Austria with the material number “831.000.075”
 - b. Create by your own with the program „Prepare Tool“
- Since V10.03 → Servicedisk + Servicestick
 - a. Can be ordered directly at TAB-Austria with the material number “831.000.075” (only Servicedisk!)
 - b. Create by your own with the program „Prepare Tool“





3) *Max Fire Video*

- V1.00 – V1.04 → PC Disk for MP3/MPEG-Updates Max FIRE VIDEO
 - a. Can be ordered directly at TAB-Austria with the material number “831.000.039”

4) *Max Fire*

- V1.00 – V 1.18 → PC Disk for MP3-musicupdates
 - a. Can be ordered directly at TAB-Austria with the material number “831.000.022”

5) *Silverball MAX PRO*

- V5.xx – V10.xx → PC Disk for MP3-musicupdates
 - a. Can be ordered directly at TAB-Austria with the material number “831.000.022”

6) *Silverball MAX Klassik*

- V5.xx – V10.xx → PC Disk for MP3-musicupdates
 - a. Can be ordered directly at TAB-Austria with the material number “831.000.022”

7) *Silverball PRO und Beetle PRO*

- V5.xx – V10.xx → PC Disk for advertising videos - updates
 - a. Can be ordered directly at TAB-Austria with the material number “831.000.029”

Features of the Servicedisk and the Servicestick

- Program Tokens and coins (**only Silverball Cosmo & Strato since V10.06!**)
- Copy advertising pages to your terminal
- Copy your own Logo to the terminal
- Copy your music videos (**only Max Fire Video**) and music titles into your MAX terminals
- Copy 2 Logos for the Jukebox of your MAX terminals (indicate at the left and the right side of the cover)
- Backup your MAX music database





Update of music files and videos for the MAX FIRE / VIDEO

In case of the Windows XPE operating system in the new version 1.21 of the Max Fire / Video you cannot use the music– and video update disks as before. For updating the music– and video files you have to use the Servicedisk!

For COSMO MAX and STRATO MAX terminals you also can use the Servicestick!

In your personal computer should be installed a mobile rack in order to enable copying video– and music files to the Servicedisk or Servicestick.

The PC mobile rack is also available at TAB Austria under the number 831.900-010 and should be installed by a computer specialist in your own personal computer as „secondary master“.

Optional to the PC mobile rack a USB 2.0 Docking station Update Kit is available. Order this part with part number 831 000 067. The condition for this part is a PC with a USB connection.

Create a Servicedisk / stick!

- 1) Log in your OTM account!
- 2) Choose **Support/Update disk download**
- 3) Please download the TAB **Prepare Tool** to your Home PC (picture). Please read the instruction!

SILVER GLL Logout

This is where you may update your update disk to the latest version.

To do this, you need:

- a fast internet connection (the total amount of data will be displayed during the downloading process)
- a PC with Windows 2000 or Windows XP operating system and with an installed [disk cartridge](#) or a [USB docking station](#)
- an update disk from TAB Austria (must possess the correct size and formatting)
- Please follow the link [this instruction](#) for creating a new update hard disk

After you have put the update disk into the disk cartridge (PC turned off), click on [Update disk download](#)

Instruction
Tools
Update disk download
Support - FAQ
Support - Download

Back





Logout

PrepareDisk-Tool (Version 1.08)

This tool prepares a hard disk for use with the TAB [UpdateDisk Download Tool](#). All files on this disk will be erased.

Download: [PrepDisk.exe](#) (V 1.08) (ca. 1.6 MB)

Instruction

1. Install a hard disk
Make sure that a second hard disk is installed in your PC. This disk must have a capacity of at least 15 GB.

2. Installation of the PrepareDisk.Tool
Execute the file PrepDisk.exe. It unpacks the required files into the specified folder (default: c:\PrepareDisk). The main program starts automatically. If it shouldn't start, please start the file C:\PrepareDisk\PrepareDisk.exe manually. Once Steps 1 and 2 have been carried out, they do not have to be repeated.

3. Setting up the hard disk
Select the target disk and the required product from the list and start by clicking CREATE. Please wait, until the message 'disk ready' appears.

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4) Now install and start the Prepare Tool!

PrepareDisk 1.02 - 2005 by TAB Austria

This tool prepares a harddisk for use with other TAB products. Make sure that there is a harddisk (other than your system disk) connected to your PC.
WARNING: all data on this disk will be destroyed!

Follow these 3 simple steps to prepare your disk:

1. Select disk drive:

2. Select product:

3. Press CREATE button.

5) Choose your connected service disk now!

PrepareDisk 1.04 - 2005 by TAB Austria

This tool prepares a harddisk for use with other TAB products. Make sure that there is a harddisk (other than your system disk) connected to your PC.
WARNING: all data on this disk will be destroyed!

Follow these 3 simple steps to prepare your disk:

1. Select disk drive:

2. Select product:

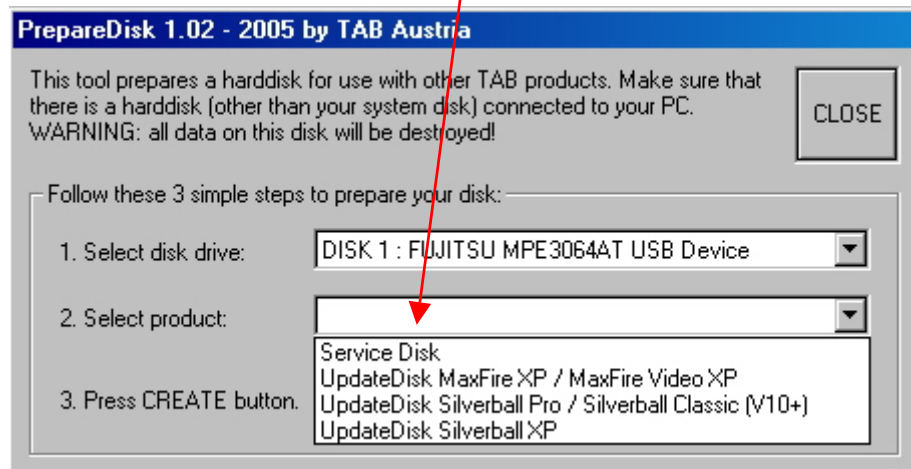
3. Press CREATE button.

- UpdateDisk Cashpoint
- UpdateDisk Golden Island
- UpdateDisk MaxFire XP / MaxFire Video XP
- UpdateDisk Silverball Pro / Silverball Classic (V10+)
- UpdateDisk Silverball XP
- UpdateDisk Virtual Pinball (XP only!)



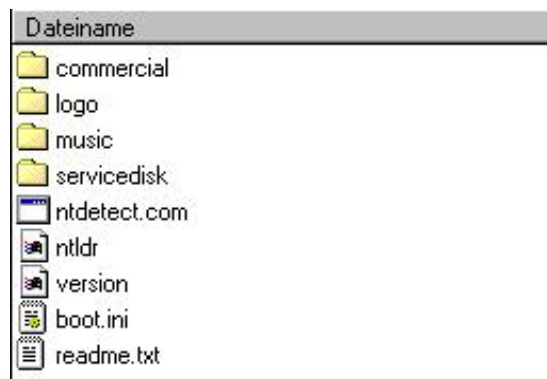


6) Please choose the product **Service Disk**



7) After choosing the product, please click **CREATE** to install the service disk!

8) On your service disk the following directories have been installed:



9) **Commercial:**

Here you can copy your own advertising pages with the size of 800 x 600 in this directory. The name of the file has to start with the word **page**, e.g. page0.bmp or page0.jpg.

Logo:

You can copy your own created logo in this directory.
Size 800 x 600; name: logo.bmp

Music:

Copy all your music titles (only mp3) or video titles with the right .jpg cover picture into this directory.

- Commercial





You can copy 2 pictures with the name left.bmp and right.bmp in this directory. The size has to be 125 x 300 pixels. These 2 pictures will be shown at the left and the right side of the main menu cover in MAX.

- Database

The service disk creates a security copy of your MAX database!

- MPEHashGen (only for **Canadian terminals**)

This directory contains the program for creating the hash keys for the terminals.

If you run MPEHashGen:

1. Enter the serial number of the terminal at the first edit field.
The serial number will be displayed at the top of the testmode start page.
2. Use the hash key of the second edit field to register the terminal.

10) If you have created your service disk, please switch OFF your machine and put the service disk in the right plug-in.

NOTE:

If you use a service disk with USB stick, please note that you have to reboot your machine twice. At the 2nd reboot the system knows the USB stick.

11) Now the system has detected your service disk and gives you the opportunity to the following options:





Choose „**Copy Logo**“ to copy your own logo into the machine!

Coin service

With the **coin service** you are able to program your coin acceptor with coins and Tokens!





Procedure:

- Choose „Run Coin service“
- You are now in the following options menu

CoinService V3.0 Copyright (c) by TAB-Austria

Select	Channel	Value	Currencyname
<input type="radio"/>	0	0.25	AED'A' United Arab Emirates, Dirham
<input type="radio"/>	1	0.50	AED'A' United Arab Emirates, Dirham
<input type="radio"/>	2	1.00	AED'A' United Arab Emirates, Dirham
<input type="radio"/>	3	0.50	AED'B' United Arab Emirates, Dirham
<input type="radio"/>	4	1.00	AED'B' United Arab Emirates, Dirham
<input type="radio"/>	5	2.00	AED'A' United Arab Emirates, Dirham
<input type="radio"/>	6	xxx	xxxx
<input type="radio"/>	7	xxx	xxxx
<input type="radio"/>	8	xxx	xxxx
<input type="radio"/>	9	xxx	xxxx
<input type="radio"/>	10	xxx	xxxx
<input type="radio"/>	11	xxx	xxxx
<input type="radio"/>	12	xxx	xxxx
<input type="radio"/>	13	xxx	xxxx
<input type="radio"/>	14	xxx	xxxx
<input type="radio"/>	15	xxx	xxxx

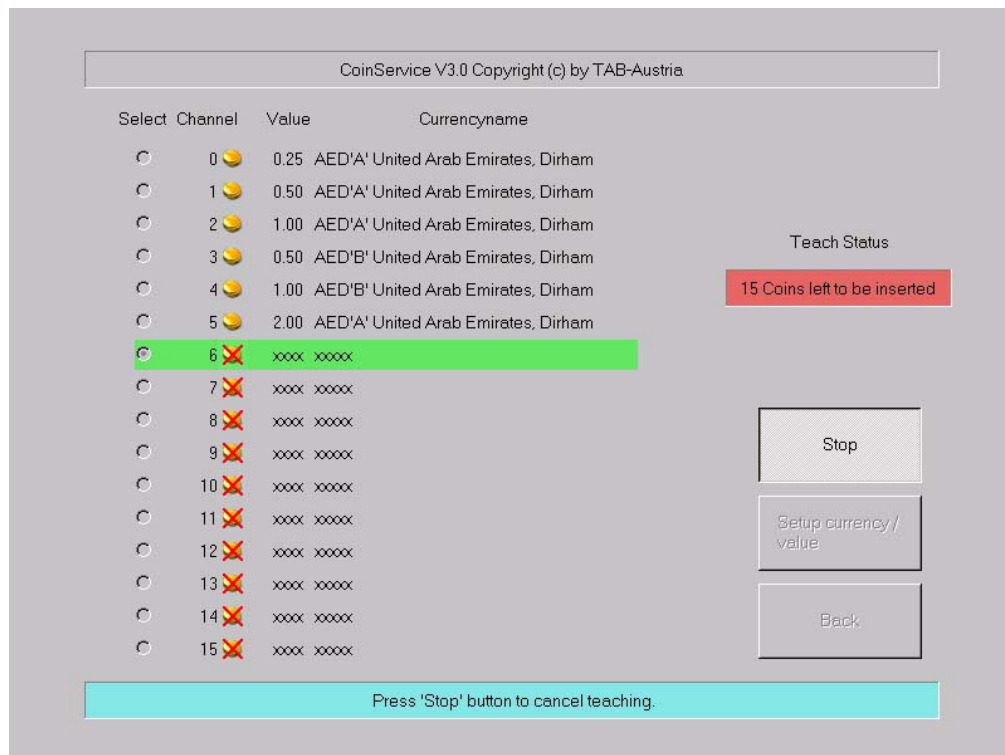
Press 'Change CoinSet' button to replace all current coins with a new selection.

- Change Coin Set
 - Upload of some currency tables
- Teach Channel
 - Program coins and Tokens
- Test Coinmech
 - Test the coin channels
- Delete Channel
 - Delete coin channels
- Exit
 - Back to the main options menu

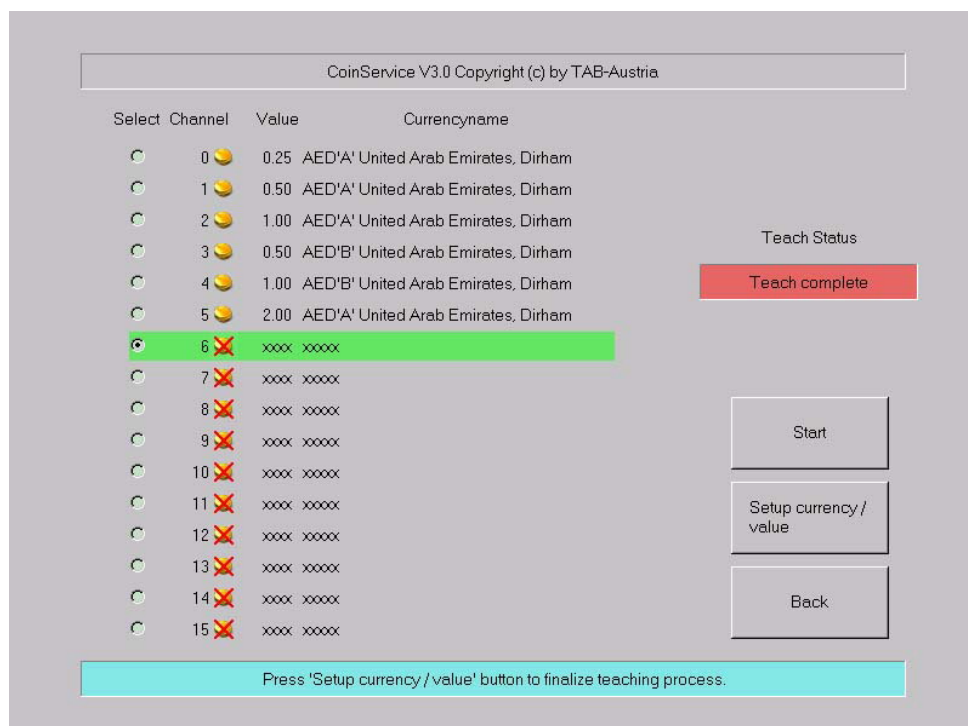
The channels 6 up to 15 are free. These channels are ready to get programmed.

- Choose „Teach Channel“ and press “Start”
- Now you are in the following options menu where you have to throw in 15 coins





- Follow the messages on the screen until you get the message “Teach complete”



- Select the currency and the value of it. Here you can see the channel 6 has been programmed with Croatian coins and the value is 1 Kuna = 1 credit. If you program a channel with token you have to choose „Token“!





CoinService V3.0 Copyright (c) by TAB-Austria

Select	Channel	Value	Currencyname
<input type="radio"/>	0	0.25	AED'A' United Arab Emirates, Dirham
<input type="radio"/>	1	0.50	AED'A' United Arab Emirates, Dirham
<input type="radio"/>	2	1.00	AED'A' United Arab Emirates, Dirham
<input type="radio"/>	3	0.50	AED'B' United Arab Emirates, Dirham
<input type="radio"/>	4	1.00	AED'B' United Arab Emirates, Dirham
<input type="radio"/>	5	2.00	AED'A' United Arab Emirates, Dirham
<input checked="" type="radio"/>	6	xxxx	xxxx
<input type="radio"/>	7	xxxx	xxxx
<input type="radio"/>	8	xxxx	xxxx
<input type="radio"/>	9	xxxx	xxxx
<input type="radio"/>	10	xxxx	xxxx
<input type="radio"/>	11	xxxx	xxxx
<input type="radio"/>	12	xxxx	xxxx
<input type="radio"/>	13	xxxx	xxxx
<input type="radio"/>	14	xxxx	xxxx
<input type="radio"/>	15	xxxx	xxxx

set currency name
VEB - Venezuela, Bolivar

set currency value
1.00

Set

Back

Press 'Set' button to define name and value of new coin/Token.

- Press „Set“ and the coin channel will be programmed and you can see it in the list of the coin channels.

CoinService V3.0 Copyright (c) by TAB-Austria

Select	Channel	Value	Currencyname
<input type="radio"/>	0	0.25	AED'A' United Arab Emirates, Dirham
<input type="radio"/>	1	0.50	AED'A' United Arab Emirates, Dirham
<input type="radio"/>	2	1.00	AED'A' United Arab Emirates, Dirham
<input type="radio"/>	3	0.50	AED'B' United Arab Emirates, Dirham
<input type="radio"/>	4	1.00	AED'B' United Arab Emirates, Dirham
<input type="radio"/>	5	2.00	AED'A' United Arab Emirates, Dirham
<input checked="" type="radio"/>	6	1.00	HRK'A' Croatia, Kuna
<input type="radio"/>	7	xxxx	xxxx
<input type="radio"/>	8	xxxx	xxxx
<input type="radio"/>	9	xxxx	xxxx
<input type="radio"/>	10	xxxx	xxxx
<input type="radio"/>	11	xxxx	xxxx
<input type="radio"/>	12	xxxx	xxxx
<input type="radio"/>	13	xxxx	xxxx
<input type="radio"/>	14	xxxx	xxxx
<input type="radio"/>	15	xxxx	xxxx

Delete

Back

Press 'Delete' button to erase seleted coin/Token.

- Go „Back“ to the main options menu
- Now switch machine ON and let the machine start
- Switch the Testmode to ON
- In the menu „Hardware settings“ you have to choose your programmed currency





In the menu „Machine tests“ you are able to test it immediately.

Music management

overview	update disk	terminal	database	more...
update disk				
number of titles to copy:		8		
needed space:		50797 KB		
damaged titles (or wrong dongle):		0		
terminal				
free space:		29278257 KB		
nr of titles to delete:		0		
needed space of the selected titles:		0 KB		
Start		Cancel		

Overview of the number of titles to copy, needed space, free space and if some titles will be deleted the needed space of the selected titles.

For activating the music service you have to choose “More...” and then activate the option “copy music files”!





category	nr of titles	size (KB)	copy
Hip-Hop	8	50797	<input checked="" type="checkbox"/>

number of titles on the updatedisk: 8
number of titles to copy: 8
needed space on terminal: 50797 KB

Choose the titles which you want to copy into the machine! You can select the titles in Categories, Artists and Packages!

category	nr of titles	size (KB)	delete
Blues	1	???	<input checked="" type="checkbox"/>
Dance	3	???	<input type="checkbox"/>
Disco	1	???	<input type="checkbox"/>
Hip-Hop	2	???	<input type="checkbox"/>
Jazz	1	???	<input type="checkbox"/>
National Folk	2	???	<input type="checkbox"/>
Rap	1	???	<input type="checkbox"/>

nr of titles on the terminal: 19
free space on the terminal: 29278257 KB
nr of titles to delete: 0
needed space of the selected titles: 0 KB

Choose the titles which you want to delete! You can select the titles in Categories, Artists and Packages! Also you are able to delete all titles which are not selected in the last x months!

Process "Copy Database to update disk":





- 1) At "More..." you have to select "Copy Database to update disk"

overview update disk terminal database more...

Version: 01.00

copy commercial pages to terminal

copy logos to terminal

copy database to update disk

copy left.bmp and right.bmp to terminal

copy music files

Copy the music files that are contained in the database but not on the disk

Start Cancel

- 2) Now switch to the sheet "database"
- 3) Add a name for this database and press "Save now"
- 4) After successful saving the database is stored on your servicedisk

The operation was successful

OK

database more...

Test2

start backup

copy selected database to terminal

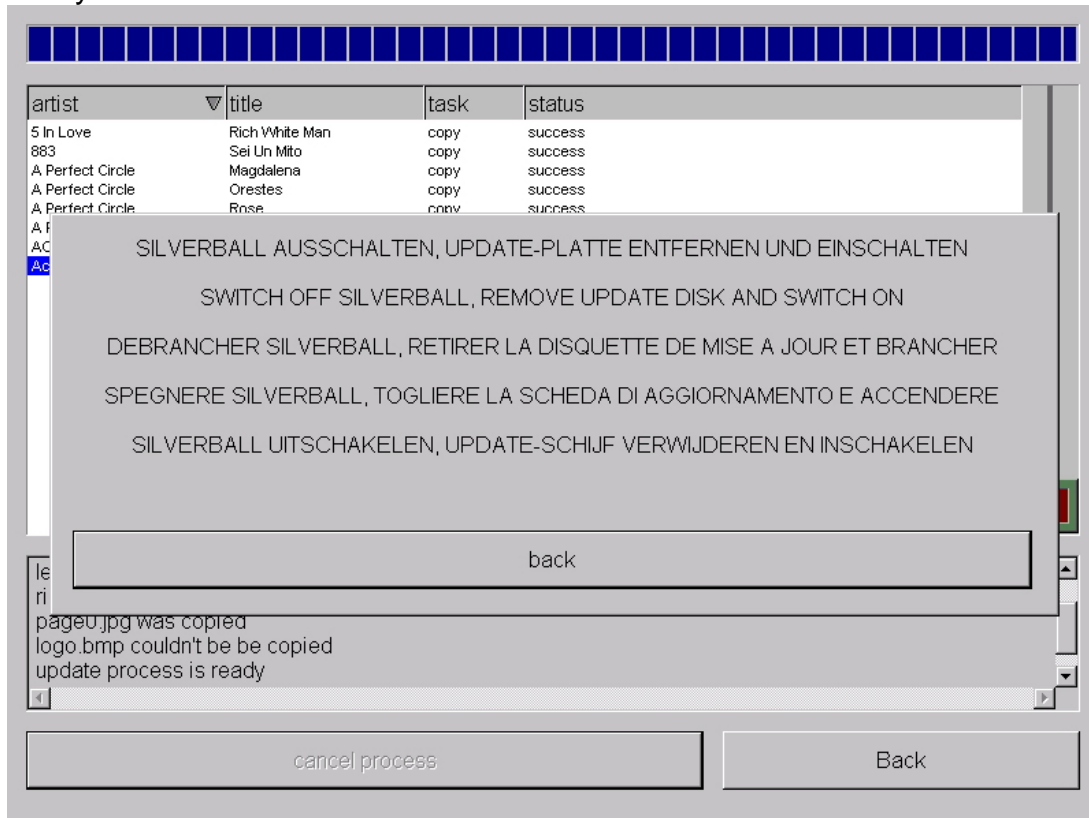
delete selected database

Start Cancel





Activate the options which you want and press „Start“. Now the service process will start automatically.



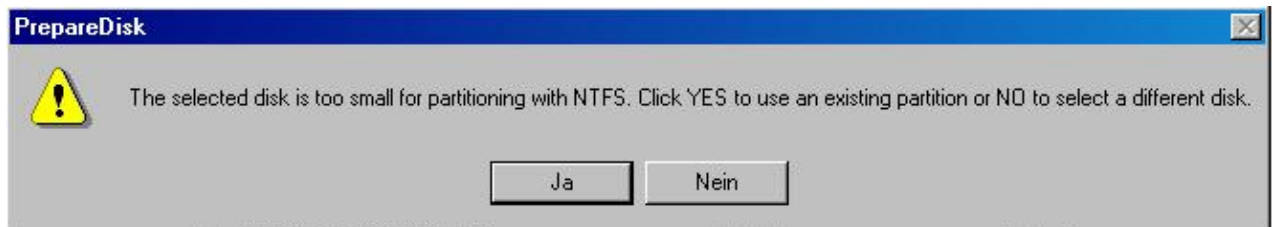
After the successful service process switch your machine OFF, release the service disk / stick and start the machine again.



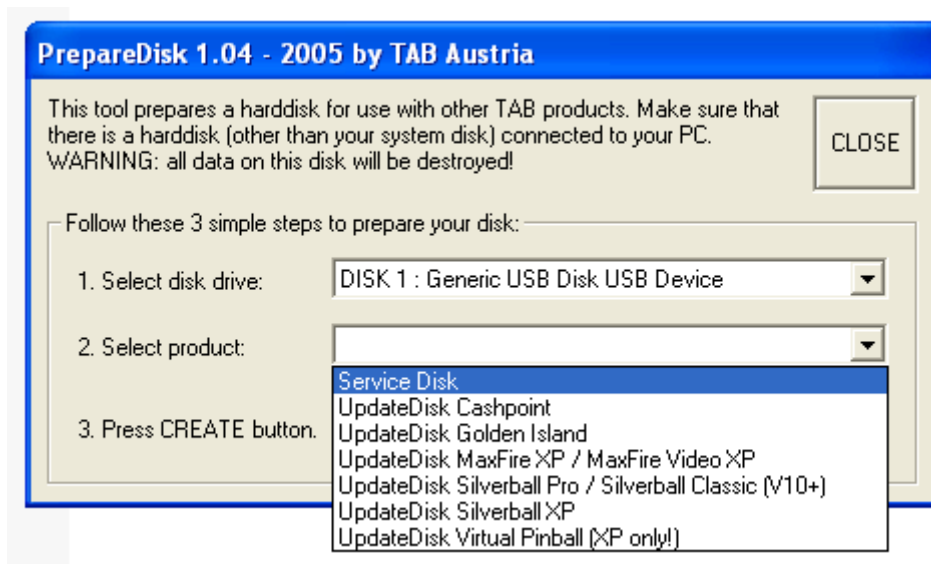


General important notes to the program Prepare Disk!

- 1) If you use a service disk with a capacity of less than 512 MB the Prepare Tool indicates that the service disk might be too small! If you accept this you can continue creating the service disk without problems.



- 2) For creating an Update disk please note following:



- The chosen disk will be completely formatted and new partitioned
- All data on the disk will be lost!
- A directory named "TAB" will be created
- A file named "IO.sys" will be created
- This Update disk download will be a complete download of an update disk. The data size will be about 5 Gigabyte, so please be sure that you are using a very fast internet connection like DSL!





Notes

