

BASIC GUIDE FOR SETTING CH3B2E



Unit assembly

First step needed it's install hard drives in your CH3B2E enclosure, to do it you can follow installation guide that it's included in product box. If you want you can also download it from following link: http://download.conceptronic.net/GRABNGO/CH3B2E/CH3B2E_Assembly_A4_Reverse_Pages.pdf

Getting Started

Once hard drives are connected to CH3B2E you can proceed to connect power supply and data cable, you can select if you want connect through USB or eSATA to your computer.

NOTE: When you have connected the CH3B2E to your computer with eSATA, it is possible that the unit will only show 1 active harddisk LED. This is caused by your eSATA controller, which cannot handle multiple SATA harddisks on 1 connection. To solve this issue, there are multiple solutions:

- A. Connect the CH3B2E to your computer by USB.
- B. Configure the CH3B2E to 1 of the other harddisk configurations.

C. Replace your eSATA controller by an eSATA controller which supports multiple SATA harddisks on 1 connection.

Formatting hard drives

If you have plug two disks correctly formatted in CH3B2E the device will automatically display both HDD in your computer.

If you have plug two HDD without partition you will need format both HDD to make them visible by the operating system.

Format HDD under Windows Vista are described in following steps. When formatting in a different version of Windows the steps below can vary.

- Click on "Start" button and select "All Programs", "Accessories", "Run".
- Enter command "diskmgmt.msc" (without the quotes) and click "OK" to run the command.

	Type the name of a program, f resource, and Windows will op	older, document, or Internet en it for you.
<u>O</u> pen:	diskrngmt:msc	-
	ОК	Cancel <u>B</u> rowse

Disk Management tool of Windows will appear on your screen.

olume	Lavout	Type	File System	Status	Canacity	Free Sna	% Free	Fault Tolerance	Overhead	
(C:)	Simple	Basic	NTFS	Healthy (S	465,76 GB	421,71 GB	90 %	No	0%	
TREKSTOR (E:)	Simple	Basic	FAT32	Healthy (A	954 MB	206 MB	21 %	No	0%	
Disk 0 asic 55,76 GB	(C:) 465,76 GB NTFS Healthy (System	Boot Page	- File Active Cras	h Dump Prima	v Partition)					
■ Disk 1 emovable 56 MB Inline	TREKSTOR (E:) 956 MB FAT32 Healthy (Active) Primany Pau	tition)							
Disk 2 Dasic 65,76 GB Dnline	465,76 GB Unallocated					1				
Disk 3 asic 55,76 GB nline	465,76 GB Unallocated									
CD-ROM 0 DVD (D:)										

- Select your new harddisk configuration from the bottom section of the list.
- Right click your new harddisk configuration and select "New Simple Volume".

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Volume	Layout	lype	File System	Status	Capacity	Free Spa	% Free	Fault Tolerance	Overhead	
	Simple	Basic	NIFS EAT22	Healthy (S	465,76 GB	421,/1 GB	90 %	No	0%	
menormal	Shipe	busic		richtig (vin	551110	200110				
Disk 0 Basic 465,76 GB Online	(C:) 465,76 GB NTFS Healthy (Syster	s n, Boot, Pag	e File, Active, Cras	sh Dump, Primai	ry Partition)					
Disk 1 Removable 956 MB Online	TREKSTOR (E: 956 MB FAT32 Healthy (Active) ;, Primary Pa	rtition)							
Disk 1 Removable 956 MB Online	TREKSTOR (E: 956 MB FAT32 Healthy (Active) e, Primary Pa	rtition)							
Clisk 1 Removable 956 MB Online Disk 2 Basic 465 76 GB	TREKSTOR (E: 956 MB FAT32 Healthy (Active) e, Primary Pa	rtition)		New	/ Simple Volume				
Disk 1 Removable 956 MB Online Disk 2 Basic 465,76 GB Online	TREKSTOR (E: 956 MB FAT32 Healthy (Active 465,76 GB Unallocated) e, Primary Pa	rtition)		New	y Simple Volume				
Disk 1 Removable 956 MB Online Disk 2 Basic 465,76 GB Online	TREKSTOR (E: 956 MB FAT32 Healthy (Active 465,76 GB Unallocated) e, Primary Pa	rtition)		New Zee New New	/ Simple Volume / Spanned Volum	//////////////////////////////////////			
Disk 1 Removable 956 MB Online Disk 2 Basic 465,76 GB Online Disk 3 Basic	TREKSTOR (E: 956 MB FAT32 Healthy (Active 465,76 GB Unallocated) e, Primary Pa	rtition)		New 22 New New	y Simple Volume y Spanned Volume y Striped Volume				
Disk 1 Removable 956 MB Online Disk 2 Basic 465,76 GB Disk 3 Basic 465,76 GB	TREKSTOR (E: 956 MB FAT32 Healthy (Active 465,76 GB Unallocated) e, Primany Pa	rtition)		New New New Proj	/ Simple Volume / Spanned Volume / Striped Volume perties	<u>میں</u> اور اور اور اور اور اور اور اور اور اور			
Disk 1 Removable 956 MB Online Disk 2 Basic 465,76 GB Online	TREKSTOR (E: 956 MB FAT32 Healthy (Active 465,76 GB Unallocated) e, Primary Pa	rtition)		New New Proj Helj	v Simple Volume v Spanned Volume v Striped Volume perties	2 2 2			

• The Format Wizard will appear on your screen. Click "Next" to continue.

• Select size for your new harddisk configuration. By default, the maximum size is specified. If you want to create multiple volumes on your harddisk configuration, reduce the size to the required size of your first volume. If you want to create 1 volume, keep the maximum size. Click "**Next**" to continue.

• Select which drive letter you want to assign to the new volume. By default, the first available drive letter is shown. Click "Next" to continue.

• Select your format options. You can change the file system, change the volume label and choose for "Perform a quick format". Click "Next" to continue.

Format Partition To store data on this partition, yo	ou must format it first.
Choose whether you want to fom	nat this volume, and if so, what settings you want to use.
Do not format this volume	
Format this volume with the	e following settings:
<u>F</u> ile system:	NTFS 🔹
Allocation unit size:	Default 👻
<u>V</u> olume label:	New Volume
	nat
Perform a quick form	
Perform a quick form	er compression
Perform a quick form	er compression

Note : Partitions bigger than 32GB can only be formatted with the NTFS file system when using the Windows Disk Management.

• You will see a summary of the selected commands. Select "Finish" to close the Format Wizard and start formatting your harddisk configuration.

Disk 2		
Basic 465,76 GB Online	465,76 GB Formatting	

When the format is completed, the harddisk configuration will be shown in the Disk Management as "Healthy".

New Volume (F:) 465,76 GB NTFS
14

You can now use the formatted harddisk configuration.

Follow same steps for the other hard disk.

Hard drives will be visible on your PC and the device will be configured by default in JBOD.

JBOD: The harddisks inside the unit are configured as single disks. You will have 2 volumes. For example if you have two 1TB hard drives your PC display two 1TB hard drives.

If you want configure your device with other settings, such as SAFE (RAID 1), BIG, SAFE33, SAFE50, FAST (RAID 0) perform the following steps.

If you want configured your CH3B2E in JBOD mode you have finished with the configuration and you can use now the device.

Steelvine Software Installation

Steelvine is included in the product CD or you can download from following link: http://download.conceptronic.net/GRABNGO/CH3B2E/CH3B2E_SW_v5.1.24.zip It is recommended that you restart your computer once the software is installed.

Verify that your CH3B2E is properly connected to the power supply and through one of two data connections, USB or eSATA.

When the installation of the 'Steelvine Manager' is complete, you can view and/or change the harddisk configuration of your CH3B2E.

You can open the 'Steelvine Manager' by selecting the shortcut from your Start Menu, or by doubleclicking on the system tray icon..



When the software is started, the main software window is shown on your desktop and the connected CH3B2E unit(s) will be listed in the left part of the window, indicated with the serial number of the unit.

If you run Steelvine software and you get this message:



It's possible that device need more time to load. Click OK to close software and wait two or three minutes, after which the software running again Steelvine.

If the device has successfully loaded you get the following screen:

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57xx SteelVine Manager					
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Topology CH3B2E	S/N #CH3B2E				4
		Temperature	Fan Speed	Drive #0	Drive #1
	Box Status	N/A	N/A	Normal	Normal
	Drive S/N			S1VZJDWQB00	075 S1VZJDWQB0324
	Exp. S/N			S1VZJDWQB00	075 S1VZJDWQB0324
			Line and the second s	-	
	11	Policy	Total	Drive #0	Drive #1
	Capacity			465.762 GB	465.762 GB
	Volume #0	JBOD	465.762 GB	465.762 GB	
	Volume #1	JBOD	465.762 GB		465.762 GB
Silicon Image.	-1.52 mil		914	Refresh	

If you run the software and you can't see CH3B2E hard drives you can force detection clicking on File \rightarrow Scan Drives.

Click on the icon "Box Set" and enter password "admin" (without quotes).

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10 🖸 🖉 🚧 🐝 :					
l opology CH3B2E	S/N #LH3BZE				
17		Temperature	Fan Speed	Drive #0	Drive #1
	Box Status	N/A	N/A	Normal	Normal
	Drive S/N			S1VZJDWQB0079	S1VZJDWQB032
	Exp. S/N			S1VZJDWQB0079	S1VZJDWQB032
		BINES VIELEO C			
		Policy	Total	Drive #U	Drive #1
	Capacity			465.762 GB	465.762 GB
	Volume #0	JBOD	465.762 GB	465.762 GB	
	Volume #1	JBOD	465.762 GB		465.762 GB

At this point it is necessary to make a disk configuration.

There are several modes: SAFE (RAID 1), BIG, SAFE33, SAFE50, FAST (RAID 0).

🗌 57xx SteelVine Manager		
<u>File E</u> dit <u>H</u> elp		
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Basic Configuration for 57xx SteelVine I	Wizard Vlanager #CH3B2E	To Advanced Mode
Storage Policy:	Drive 0	Drive 1
C JBOD C SAFE (RAID 1) C BIG C SAFE33 C SAFE50 C FAST (RAID 0) Volume Mode Size Volume 0 JBOD 465.762 Volume 1 JBOD 465.762	Volume 0 465.762 GB	Volume 1 465.762 GB
Total GB's Left: 0	Cap. = 465.762 GB	Cap. = 465.762 GB
Silicon		Apply Cancel

The following explains each of them.

SAFE (RAID 1): The harddisks inside the unit are configured as a mirror configuration.

You will have 1 volume with the size of the smallest HDD. The other HDD will be a duplication of the 1st harddisk.

BIG: The harddisks inside the unit are configured as 1 drive with a total storage capacity of both HDD's.

SAFE33: The harddisks inside the unit are partially configured as mirror configuration (33%).

The remaining capacity is configured as BIG volume.

SAFE50: The harddisks inside the unit are partially configured as mirror configuration (50%).

The remaining capacity is configured as BIG volume.

FAST (RAID 0): The harddisks inside the unit are configured as 1 drive with a total storage capacity of 2 times the size of the smallest HDD.

Usual configurations used by users are RAID 1 and JBOD. In the following steps we explain you how to configure a RAID 1, JBOD configuration has been explained above.

Select SAFE RAID 1 in configuration menu:

57xx SteelVine Manager		
<u>File Edit Help</u>		
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Basic Configuratio	n Wizard	
for 57xx SteelVine	Manager #CH3B2E	To Advanced Mode
	Ĩ	
- Storage Policy:	ך Drive 0	Drive 1
C JBOD		
SAFE (RAID 1) C RIG		
C SAFE33 Gives up some ca	pacity to protect the data	
C SAFE50		
C FAST (RAID 0)	Volume 0	Volume 0
Volume Mode Size	- 463.762.06 -	463.762.0B
VOUNIEU BALE 400.702		
1		
Total GB's Left: 0		
	Cap. = 465.762 GB	Cap. = 465.762 GB
Citizen		
Vilmage.		Apply Cancel

A message it's shown to inform us that disks data will be erased. Click on YES.



Click Apply and the process of creating the units will begin.

This process may take several minutes.

Once finished the process of setting your unit will be configured in RAID 1 and visible on your PC.