

Installation instructions



Digital Devices Edition



Visit our website at <u>www.digital-devices.de</u> for up to date information about the latest developments, and to download current drivers.

Installation instruction 05/2012 Digital Devices GmbH®



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1. Concept "Digital Devices Octopus CI" - DVBLink

- You have purchased a single or twin digital devices Octopus Cl. All Digital Devices DVB TVcards operate with these two Cls without additional software. The common interface of Octopus's single or twin Cl can be assigned in the Digital Devices config tool to the respective tuners.
- (see installation instructions Octopus CI)
- The Digital Devices Octopus single or twin CI support over the PCIe interface also TV cards from other manufacturers. The Octopus single or twin CI decode the data stream from the TV card of a different manufacturer, and send the data stream over DVBLink CI4All edition to any TV application like Windows 7 Media Center.

The DVBLink CI4All Edition is a virtual TV tuner card, which can be installed in "Microsoft Media Center".



2. Registration of the "DVBLink DD CI4All Edition"

You received with the Digital Devices - Octopus Octopus single CI or CI twin a voucher to activate the DVBLink CI4AII Edition. Owner of Octopus single CI or CI twin, who had purchased the cards previously, can get a voucher on request. **Voucher:**





3. Download of the "DVBLink DD CI4All Edition"

Download the **DVBLink CI4ALL Edition** from the download-area of our website **www.digital-devices.de**

4. Installation of the DVBLink CI4All Edition







Extract the the downloaded file: dvblink_DD_ci4all_edition and execute the file dvblink_setup.

See the start screen (left).

Click on the Setup button.

The installation language is English. After installation you can select other languages.

The installation is done in two steps. First, the **DVBLink Server** will be installed, in the second step, the **DD DVBLink CI4All Edition**.

Click **Next** to start the installation of the DVBLink server.

Confirm the "End-User License Agreement" for DVBLink Server" and click on the **Next** button.



DVBLink Server Setup	
DVBLink Server Location	Cobli
Please specify a location for DVBLink Server p	roduct
Enter a new location or click Browse to browse	e to one.
Carlet of currences (xee), by produce you cannot	Browne
	browse

Ready to Install	
The Setup Wizard is ready to b	egin the Complete installation
Click Install to begin the installa installation settings, click Back.	ation. If you want to review or change any of your Click Cancel to exit the wizard.

Please wait while the Setup Wizard installs DVBLink Server. This may take several minutes.

DVBLink Server Setup

Status:

Installing DVBLink Server

< Back Next > Cancel

dvblink

Confirm the suggested directory or change with the button **Browse** to a other directory.

Click on the **Install** button to start the installation.

The **DVBLink Server** will be installed.

Click on the Install button.





DVBLink Server Setup







Confirm with the button **Finish** to finish the installation.

Click on the **Next** button to start the installation of the **DVBLink DD Cl4All Edition.**

Confirm with the button **Finish** to finish the installation.

Click on the button **OK** to finish the installation. The DVBLink Software starts automatically.



5. Configuration of the DVBLink CI4All Edition

dvblink DVBLink Configur	ation - About	English	Startscreen
Sources Channels Satings Help About Installed products: Product OVBLink Server OVBLink Do C14AII felsion	DVBLink Server a 2012 DVBLogic Xmm dvBolacion Some DVBLok products vun FTMesa executable Mesa is distributar 4.5.0 DVBLogic 4.5.0 DVBLogic	choose your language Leener status Pres Regures advation	Select your language
Sources Channels Settings Help About Sources Channels Settings Help About Installed products: Product OVBLink Server OVBLink Server	Ation - About	English	Click on Requires activation to start the DVBLink Server activation process.
Sources Channels Settings Help About Installed products: Boulart	ation - About DVBLink Server @ 2012 DVBLogic www.dvblobic.com Some DVBLogicatuseer.PMeese executable Persona is distributed under GNU LGPL v2.1 Lisense	English	Click on the button Activate
DVBLink Server DVBLink DO CI4AI Edition	Version Dishibitor 4.5.0 DVBLogic 4.5.0 DVBLogic	License status Free Requires activation	



Enter the same e-mail adresse and password, what you have used at registration on the website: <u>https://activation.dvblogic.com/coupons</u> (see page 3)

The software is now registered.

If the activation code is not available you can use the "Activate trial" button. The software is for a trial period of 21 days unlocked.

Click on the menu item **Sources**



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www.dvblogic.com Some DVBLink products use FFMpeg executable FFMpeg is distributed under GNU LGPL v2.1 licenss

> 4.5.0 4.5.0

DVBLink DD CI4All Edition

Activate a fully-functional time-limited trial of the product (requires internet connection)

Activata

Activate a purchased product license (require internet connection)

> roduct activation (either trial or d). Please save product file and with activation to ctivation.dvblogic.com/manual

> > English

.

Activate trial

Registe

Regis

dvblink DVBLink Configuration - About

Channels Settings Help About

click on the menu Sources

lled products

DD CI4All Edition

Password

Manual activation



Menu: Sources

Click on the menu item DVBLink DD CI4ALL.

Menu: Sources

Add a new source. The template DVBLink DD CI4ALL was created automatically. Enter the source name, for example Tuner 1.

The source "Tuner 1" is created and must be configured



Channels Settings P Source templates	telp About Sources Source			l
CI4All		Templ	ite Status Color	(
Services Services XMLTV)Tuner1	DVBLink DD CL4A	click on the wrench symbol	C
nipping Tool			#2002.5517 Total neir All rights seamed	_
dvblink TVSource	Configuration -	Device	English	
Device gital Devices DVB-5/52 Tuner 1 gital Devices DVB-5/52 Tuner 2	Type Satelike Satelike	Dri bda.dev bda.dev	er Trotex Status 0 Instive 1 Dotive double click on Inactive	
dvblink TVSource	Configuration -	Device	English	l
Ital Device Signal 2 Device Ital Devices DVB-5/52 Tuner 1 Ital Devices DVB-5/52 Tuner 2 Click on receiving m	san Network San EPG Sat	n Channels Dri bda.dev Yes Ø No	er Todex Status	-
nport settings				
dvblink TVSource	Configuration -	Device	English	
Vice TV providers Signal Device Device Ital Devices DVI-5/52 Tuner 1 Ital Devices DVI-5/52 Tuner 2	san Petwork San EPG Saa Type Satelite Satelite	n Channels Driv bda.dev bda.dev	er O Active	

nu: Sources

he example "Tuner 1" is now ated as a source and must now be nfigured. k on the wrench Symbol

main menu has changed!

nu: Device detected TV tuner are displayed. configure, click on the button ctive

nu: Device

ect the tuner type.

activate the tuner click on the tus button.

e all settings with the button Yes

nu: Device

configure the tuner click on the ench Symbol





Menu: Device properties

You can now determine the properties of the tuner.

Menu: Device properties

Assign now a common interface from the selection list to the tuner and confirm with OK.

Important: Only 1 Cl interface can be assigned to one tuner

Menu: TV providers

Change to the next menu: TV providers Add a new TV provider.

Menu: TV provider

Select your TV provider from the list. The channels are sorted in the field of channel files.

Select your:

_

- Diseqc type
- LNB type

Save the settings with Yes.







dvblink TVSource Co	nfiguration - EPG Scan			English	
Device TV providers Signal Scan	Network Scan EPG Scan Channels	en e		1111	
Name EIT Scanner	Description (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLogic 2011 (c) DVBLOGic 2011 (c) DVBLOGic 2011 (c) DVBLOGic	Version	Status e	Lang	0
Default scanning presets None Transponders with mapped channels Transponders with scanned channels All transponders	save the settings with Yes		choose your la	anguage	
Additional transponders to scan Transponder Ty provider	en en	click he EPG Sc ^{G stats}	re to start the can direct		×

Menu: Scan

Select your transponder and click on the button Scan to start the channel scan.

After scanning the founded channels will be displayed at the top right.

Save the channel list with the Save button.

Menu: EPG Scan

Click on the pencil symbol to configure the EPG scan properties.

Menu: EPG Scan

Select your language and confirm with Yes.

You can start the EPG Scan directly with the Scan button. This procedure needs some minutes.

When the scan is not performed, the DVBLink server scans the EPG later in background. So the EPG data are not direct available when Windows Media Center start. You can also process the EPG Scan later.

Save the scanned channels with the Save button.



6. Configuration of the DVBLink DD CI4ALL Edition in Windows® Media Center

Below is the installation of virtual DVBLink TV card in Windows® Media Center described.







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Menu: TV Signal

Click on Set Up TV Signal

Confirm with Yes



Menu: TV Setup

Confirm the region or select a other region.



Menu: TV Setup

Enter your postcode.







Menu: TV Setup

Read the Terms of Services and confirm with lagree or chancel the setup.

Menu: TV Setup

In the menu: settings/GENERAL/Automatic Download Options you can enable or disable the option: "Retrieve CD album art,..." When the option is disabled, you will be asked if you want to download new data now. If the option is selected, this step is automatically performed by the Media Center.

Menu: TV Setup

When you decided to download the Guide listings, the data will be downloaded.

Menu: TV Setup

The TV signals are now being tested. If you cancel, you can configure the TV sources manually or after the signal detection. In this case, it is important that all 8 DVBLink Tuner in the next steps must be configured / added.

The manual configuration is required, otherwise the physical tuner of your tuner card will be found, although these are already controlled in DVBLink.



S Windows Media Center		– – ×
€ ®	TV Setup	Windows Media Center 🥶
	TV Signal Detection Result	
	Windows Media Center detected the following:	
	DVBLink (1 tuner) DVBLink (1 tuner)	
		1 of 6 ∧ ∨
	Is this configuration correct and complete?	
	Yes, configure TV with these results No, let Windows Media Center detect again No, let me configure my TV signal manually	
	Back Nex	t Cancel

Media Center 👧

Cance

TV Setup

TV Signal Type

Satellite
 DVBLink Tuner #1
 DVBLink Tuner #2

DVBLink Tuner #3 DVBLink Tuner #4 DVBLink Tuner #5 DVBLink Tuner #6 DVBLink Tuner #7 DVBLink Tuner #8

Menu: TV Setup

The result of the detection signal is now displayed. **Don't confirm** the result with No, let me configure my TV signal manually

Menu: TV Setup

Select successively the DVBLink tuner to set this up. Begin with DVBLink Tuner #1 and click on Next.



Menu: TV Setup

Confirm the question "Do you want to setup another TV signal?" with YES and continue with the next DVBLink tuner until all DVBLink tuners are set up.

If you have tuners in your system which are not controlled by DVBLink, this can now also set up in addition. Don't Set up tuners that are already controlled by DVBLink. Windows [®] Media Center detects the tuner even though they are already used by DVBLink, so that it can cause later problems.





Menu: TV Setup

After the installation of the 8 DVBLink tuner, you should see the following results.

S Windows Media Center			
😌 😡			
	TV Setup	Windows Media Center 🔊	
	Update PlayReady		
	The PlayReady update was incomplete record protected content until the up	e. You will not be able to watch or date is successful.	
	Do you want to try again?		
	Yes		
	O NB		
	Back	Next Cancel	

Menu: TV Setup

The next step is an error message that PlayReady could not be updated and whether you want to repeat the process.

Say in this case "No"



Menu: TV Setup

The TV Channel Scan starts automatically.



The Scan result is the channel list from the DVBLink Server. Confirm with Next.

TV Setup	Windows Media Center 🧐
TV Channel Scan	
Windows Media Center has finished	scanning for TV channels you receive.
	Delete All
364 channel(s) found	
Sky Cinema +1	
domradio	
SAT.1 emotions	
Discovery HD	
Sky Cinema +24	
	1 of 364 🔨 🗸





Menu: TV Setup

The setup of the TV signal is now complete. Finish the setup with the button Finish. The settings are now saved.



Menu: TV Guide

If you want to rearrange the channels or you want to enable or disable individual channels / proceed as follows.

Go to the menu - settings

- TV program

Settings GUIDE Edit Channels Edit Favorite Lineups Guide Page Options Guide Terms of Service

9 Windows Media Ce	nter		_ D X
E 😨	settings	EDIT CH	IANNELS
	Save Cancel	To chang channel i control. S or disable	e the settings for a channel, select the name and press OK on the remote select or clear the check mark to enable e the channel.
	Clear All		DVBLink Promo Channel-dv
	Sort by Name	✓1	Das Erste HD-dvblink
	Restore Default	✓ 2	ZDF HD-dvblink
	Reorder Channels	✓ 3	RTL Television-dvblink
	Show Preview	✓ 4	SAT.1-dvblink
		✓ 5	ProSieben-dvblink
		✓ 6	kabel eins-dvblink
			1 of 373 🔨
			• = + = + 14 🚳 >> >> ++ = +

Edit channels

Menu: Guide

Menu: Edit channels

Select the channels you have subscribed to your Pay-TV package to remove or disable channels by the respective tick.



😨 Windows Media Center				×
😌 🚳 SE	ettings	EDIT CHA	NNELS	
	Save Cancel	To change t channel nar control. Sel or disable t	the settings for a channel, select the me and press OK on the remote ect or clear the check mark to enable he channel.	
	Clear All	✓ 178	Boomerang-dvblink	
	Sort by Name	✓ 179	Cartoon Network (S)-dvblin	
	Restore Default	✓ 180	History-dvblink	
	Reorder Channels	✓ 181	RTL Living-dvblink	
	Show Preview	✓ 182	Animax-dvblink	
		✓ 183	VH1 Classic-dvblink	
		✓ 184	Eurosport 2 Deutschland-d	
			190 of 373 🔨	
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	Thu, C	99 Jun						guiac
			No data available.					
VIEV			CROSSING JORDAN	N (T5)				
CAT			BONES (HD) (T4)			a available.		
EGORIES			KATE (FAIRLY LEC	GAL) (T1)		IE CLOSER (T6)		
			< CRITÉRIUM D/	OCTAVOS		FINAL		
		C+ DEPORT HD	MLB (HD)					
			K NEW YORK - CO	LUI MÁS				
		r j	NEW YORK - COLUN New York Red Bulls - Co uega en Canal +. 18 equi e enfrentan a lo largo de 440 - 1640	IBUS CRE lumbus Cre ipos dividide 30 jornada	W (I w' T2 os en s con	HD) 011 La Major League So dos conferencias, Este y el objetivo de jugar los	ccer se Oeste, Playoff:	16:2





Menu: Edit channels

Once you have activated the channels and have mapped the locations of their choice program, save the channel list and quit.

Note: The channel order can be changed under DVBLink, When you synchronize the channels again, the original sort order is again taken from DVBLink

Menu: Guide

Switch to the main menu and start now live TV or guide. Once you have selected a channel on a transponder, you can see the EPG data for the transponder and the Program Guide option channels. The display of the EPG data may take a moment, the DVBLink Server scans in the background, the channels and transmits the data to the Windows [®] Media Center

Menu: Extras

You still have the option to update the Windows [®] Media Center via the DVBLink server. Switch to the main menu -> Extras -> extras library

Menu: extras library

Click on the DVBLink icon to start the TV Setup of the DVBLink Server.





Menu: DVBLink Configuration

Here you have the following settings:

- Synchronize channels
- Recorder settings
- Parental control



RECORDER SETTINGS

Set as default Reset

This MediaCenter is used as the default TV

E 👩

Menu: DVBLink Configuration

When after setting up the TV signal not all the channels in DVBLink servers are listed or you have made changes to the channels in DVBLink server, you can synchronize the channels again. The synchronization performs in the background and may take several minutes.

Menu: DVBLink Configuration

Among the recorder settings, you can determine the Windows [®] Media Center as a standard recorder.

Menu: DVBLink Configuration

You can enable or disable PARENTAL CONTROL.

Windows Media Center	사이트, 이미 프로그램 등 동안에 가지 못했다.	×
€ 🥹		DVBLink Configuration
	PARENTAL CONTROL	
	Parental lock is currently enabled	
	Enable parental lock Disable parental lock	
		🗏 - + = + 4 🚱 > >> 40 - +

The installation and configuration is now finished.

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