

Version 1.8.x



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I. Welcome

The IZI-Link manager is the software tool for commissioning, configuration and testing IZI-Link LED fixtures, drivers and interfaces.

This manual will provide you with the information that is needed to connect and commission IZI-Link products. If, after consulting this manual, you still have questions please contact us on <u>info@tde-lighttech.nl</u>.



II. IZI-Manager Installation

The IZI-Link manager software is developed for windows only. To install the IZI-Link manager software simply execute the setup file and follow the setup instructions.

The installer might request to allow the installation of a 'NXP driver'. This driver is meant for the IZI-Access and is essential for 'IZI communication' via the IZI-Access. If the user does not have enough rights in Windows, the driver installation will fail.



The installation manager will show you when the installation has been successful.

Figure 1 - Successful installation



III. Connection

In order to the IZI-Link manager to commission IZI-Link products, all products need to be powered and connected to an IZI-Link USB programmer interface, DMX interface, DMX splitter or directly on the DMX input of a fixture.

The IZI-Link manager and IZI-Link network are connected through the USB to IZI-Link programmer cable or USB programmer interface and requires the installation of its drivers. Installation of the USB drivers is done automatically, the first time the cable is connected to the PC.



Figure 2 - IZI-Link System



Figure 3 - IZI-Link Programmer cable



The USB to IZI-Link programmer cable needs to be connected to a computer and the DMX512 input of either the IZI-Link Master DMX interface, Splitter or directly on the fixture. When multiple IZI-Link products are connected together make sure to connect to the first IZI-link driver.



Figure 4 - IZI-Link PC connection to DMX interface



IV. Connections

The most common way is to connect via a COM port via an IZI-USB interface or via the USB cable described above. Another possibility is to connect via a network connection, in that case a IZI-Access is needed in the system setup.

Communication	Network	Monitor	
COMS (USB) COMS (USB) COM11 COM12 COM13 (IZI-Access COM128 (IZI-Access IZI-Access-0009 IZI-Access-14403	S)	Open Com port to start	

Select a COM port or module and press the 'Open' button to start the connection to the system. The connection setup will take approximately 3 seconds.

If the selection is an IZI-Access (USB or network), a password will be requested to 'access' the system behind the IZI-Access.

Password verification	×
Please enter password	to access the system.
ОК	Cancel

V. Commissioning

Start up the IZI-Link Manager and connect the USB to IZI-Link programmer cable as specified in chapter 2 Connection. In order for the IZI-manager to discover, all the IZI-Link products need to be powered.

Each product has their own user modes, to find an overview of all the available user modes and configurations please refer to each products manual.

► Select the COM port with (USB) next to it: (e.g. COM4 (USB)) and open the connection by clicking the "Open" button

IZI-Manager						-	
e Data Definitions	Help						
pen comport to start							
Communication	Network	Monitor	Configuration	Upgrade	DMX control		
COM4 (USB) v	🦪 Open	Open Com port to start					

Figure 5 – Com port configuration

When successfully opened, the IZI-Manager will jump to "*Network*" tab. In this view the connected IZI-Link products can be discovered. The IZI-Manager will show a grouped list of all the connected devices.



To start discovering Click on the Discover button to start searching for IZI-Link products. There are three options to choose from to discover the system. In most cases the 'Smart' option is the option to use.

- Discover	system —	
Smart		\sim
Smart Recov Phase	er d	
4	Clear	

Figure 6 – Discover options

The next paragraphs will explain the modes in more detail.

V.I Smart discover

The 'Smart' discover option is the most used option, it will discover a whole system from scratch or update a already discovered system. The name 'Smart' is referring to the method it used when a discover is performed multiple times. It tries to skip retrieving all data that is already discovered in a previous discover to make discovering faster.

V.II Recover

The 'Recover' discover is only relevant when the system contains one or more 'DMX Interfaces'. DMX interfaces contain a copy of the configuration of all modules which are connected to its IZI-Link output. The 'Recover' discover will use the information of the DMX interfaces. So even if a (for example) Moodspot is temporary disconnected from the interface, it will be displayed (offline). This may come in hand when a Moodspot (or other type) is replaced and the configuration must be copied. The old module that is replaced can be removed from the system afterwards by using the right mouse menu.

V.III Phased

When discovering large systems it can take a long time to discover the complete system multiple times. The 'Phased' discover is made to discover the system in phases. The 'Phased' discover will skip to search for modules on the IZI-Link output of all 'DMX-interfaces'. The DMX interfaces will be marked with a warning sign to indicate that the modules on its IZI-link output must be discovered manually.



Figure 7 – Phased discover

To start the discover on a DMX Interface manually, right click the DMX interface and click the Discover menu item. When clicked a discover will start only searching for modules on the IZI-link output of the DMX interface.

When the discover is ready a complete overview of the system should be available.

	ЛK
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.ink ready	Rediscover ready in 28	8,8 sec (7 modu	iles found)		1 mod	uleı	needs (re)progran	h	ing (marke	d in	n blue), plea	se	press "Write"	system conf
Communication	Network	Monito	r	Configuration		ι	Jpgrade		DMX cr	ontro	ol			
liscover system	Module		ID	Text	Addres	s	Mode		Dmx fail Start		Dmx fail Operation	n	Com Quality	Network
Smart ~	V 🍃 IZI-USBInte	erface (2)	0x00264786						No Data	•	No Data	•	100%	Identify
Personar	IZI-LC6m	kIII	0x0024D040		67	<u>۽</u>	6 Channel	٠	100%	•	Hold	٠	100%	Identify
KQ Discover	V 🔤 IZI-DMXI	nterface (4)	0x0026D396										100%	Identify
1	IZI-Driv	veCC2	0x002495E0	Room 1	4	¢	2 Channel	•	Мах	•	Hold	•	100%	Identify
Clear Clear	IZI-Driv	veCC2	0x0026C669	Hall front	12	÷	2 Channel	٠	Мах	٠	Hold	٠	85%	Identify
	MoodSp	otll RGBW	0x0024C8C3	Hall back	1	٠	4 Channel	٠	Max	٠	Hold	٠	100%	Identify
ystem configuration	MoodSp	ot WD3000	0x0024CF40		3	¢	1 Channel WD	•	Мах	-	Wave	•	100%	Identify
Wite Wite														
All spats on														

Figure 8 – Network overview

To give a clear overview of the entire installation, the IZI-manager groups together fixtures, drivers and splitters. The fixtures behind each driver/splitter will be shown as a group together. Each product will have its own settings that can be monitored and configured. Not all the settings are applicable for devices, these will be greyed out when not in use.

When all the settings are adjusted as wanted, the settings can be saved onto the modules by pressing the "Write" button. The IZI-Manager will send the adjusted configurations to the modules. The indication of each module will turn green when programmed.

V.IV Field descriptions

Module

This will tell the type of module that is found, such as a LED spot or LED driver.

State

The colour of the icon in the first column tells the current state of the module.

- Configuration and software up-to-date.
- Configuration is not up-to-date and must still be written to the module
- Module is running is the bootloader state (refer to chapter 5 for uploading new software)
- Module is offline
- Module is identifying
- Fixture is set manually to 100% (with Spot on)
- The module initial setting were not read, until read, writing will not be possible.

ID

Each Module has its own unique identification number, this is hardware configured and cannot be changed.

Address



Each fixture can be addressed for individual control. The addressing is based on the DMX512 control. Any address from 1-512 can be given to the fixture. For individual control of each fixture, each fixture needs to have their own address. For grouped control give the fixtures that need to be grouped together the same address.

Text

The text field can be used for additional info. E.g. adding the location of the fixture into the field. The field can take text up to 16 characters.

Mode

This is only applicable for fixtures, this determines the mode of operation. Please refer to the product manual for available modes.

DMX Fail Start

When no DMX data is present on power up the following modes of operation can be selected:

Off - Light is off

Max - Light will be full on

Wave - Colour fading on the available channels

The modes can differ per module type.

DMX Fail operation

During operation when DMX data is lost, the fixtures will go into DMX Fail mode. The following modes of operation can be selected:

Off - Light goes off

Hold - Holds the last present DMX value

Max - Light goes full on

Waves - Colour fading on the available channels

The modes can differ per module type.

Com quality

The Com quality indicates the communication quality to the module from 0 to 100%.

Identify

The Identify buttons activates the identify functionality of the module, when activated the module will identify itself by flashing its LED. The identify will stay active until the button is pressed again. The button is also found on other tabs.

V.V System configuration update

In the Network tab the system settings like address and mode can be changed. When a setting of module is changed the icon at the start of the line will be coloured blue. Blue indicates a change was made and the module itself if not up-to-date.

If the network settings of a fixture is changed and the fixture is connected to a 'DMX-interface', the 'DMX-interface' will also be coloured Blue and is also not up-to-date any more. This is because the 'DMX-interface' holds a copy of the network settings of all fixtures connected to its output.

To update the settings and write it into the modules (marked blue), the 'Write' button must be pressed. The 'Write' will update all modules marked in Blue. After a successful write all modules should be shown with a 'Green' icon, meaning all is up-to-date'.





Figure 9 – Update system configuration

It is also possible to read the current system settings from all modules by pressing 'Read'. This can also be used as a 'Undo' function when settings made are not wanted any more.

V.VI System configuration storage

It is possible to store the system configuration. The configuration can be (re) loaded later on, to make small changes. When a stored configuration is loaded all modules will appear as offline. Pressing 'Read' in the Network tab should bring every module online again (if still present).

🗵 IZI-Manager				
File Data Defin	nitions Help			
Open	F5			
Save	F6 l	Loaded 141 modules	from test3.izi	
Most recent Communication	F7	Network	Monitor	Co
- Discover system -		Module		ID
Smart	~	🗸 խ IZI-USBInt	erface (1)	0x0026D618
Disco	over	V խ IZI-Split	erMerger (6)	0x00266514
~~~		V 🔲 IZI-DN	IXInterface (26)	0x0019CB80



## VI. Update

All IZI-Link products firmware can be updated remotely. In "Upgrade" tab the uploaded firmware versions of each product are shown. Follow the steps below to upload the new firmware:

- Select the appropriate firmware file (*.tsf ,*.hex)
- Select the product type (e.g. IZI-Drive CC2)
- ▶ Press the *"Update"* button

*Note*: if an individual product needs to be upgraded please only tick the select square of the product that needs to be updated.

*Note 2*: When holding the Shift key (on the keyboard) when clicking the select square will select all modules of the same type.

*Note 3*: When holding Control when clicking the select square of a fixture, all fixtures of the same type will be selected that are connected to the same 'DMX-interface'.

A green progress bar will appear that indicates the progress of uploading. When the upload is finished all products will show the new version in the 'App Version' column.

ink ready	Re	ad versions of mod	dules ready			1	2 modules need	d (re)progra	mming (mar	ked in blue), p	olease press '	'Write'' syster	n confi
Communication		Network	Monitor		Configura	ation	Upgrad	de	DMX	control			
mware	Firm	ware update OK			Browse	C:\Fimwar	re\MoodSpotWD`	TW3000.tsf					
MoodSpot WD3000 ∨		Module		Select	Text	Address	State	App Version	Boot Version	Protocol Version	LedTable Version	Network	
🖋 Update		🗸 խ IZI-USBIn	terface (2)				Application	V1.3	V2.11	V1.4		Identify	
		IZI-LC6r	mkIII			67	Application	V2.9	V2.7	V1.4	-	Identify	
Read		🐦 🔲 IZI-DMX	Interface (4)				Application	V1.21	V2.13	V1.4		Identify	
- Head		IZI-Dr	iveCC2		Room 1	4	Application	V2.14	V2.7	V1.4	-	Identify	
		IZI-Dr	iveCC2		Hall front	12	Application	V2.14	V2.4	V1.4	-	Identify	
		MoodS	potll RGBW		Hall back	1	Application	V2.16	V2.7	V1.4	-	Identify	
		MoodS	pot WD3000		Test	3	Application	V0.5	V2.13	V1.4	-	Identify	

Figure 10 – Upgrading window



## VII. Configuration

The configuration tab allows specific configurations to be adjusted for each module. Configurations like Current output and PWM mode can be adjusted here.

Always make sure to check the current settings, never exceed the maximum ratings of the LED.

- ► Go to the Configuration tab
- Select the Module type that needs to be adjusted (left bottom)

Communication     Network     Montor     Corriguration     Upgrade     DMX control       Ide     Ide     Select     Text     Address     Mode     Dmx fail Operation     Network     Bitrate Operation       Image: Bead corring Write     Image: Display the face (2)     Image: Display the face (	Communication     Network     Montor     Configuration     Upgrade     DMX control       ata     Image: Select Text     Address     Mode     Dmx fail     Operation     Network     Bitration       Image: Select Text     Address     Mode     Dmx fail     Operation     Network     Bitration       Image: Select Text     Address     Mode     Dmx fail     Operation     Network     Bitration       Image: Select Text     Address     Mode     Dmx fail     Operation     Network     Bitration       Image: Select Text     Address     Mode     Dmx fail     Operation     Network     Bitration       Image: Select Text     Address     Mode     Identify     Identify     Identify     Identify       Image: Select Text     Address     Room 1     4     2 Channel     Max     Hold     Identify       Image: Select Text     Hill Fort     12     2 Channel Master     Max     Hold     Identify       Image: Select Text     ModSpot!!     RGBW     Hall back     3     1 Channel WD     Max     Hold     Identify       Image: Select Text Selection of modules selected containing that parameter.     Select the type of modules selected containing that parameter.		Read configuration of	of modules ready				System OK								
Module       Select Text       Address       Mode       Dmx fail Start       Dmx fail Operation       Network       Bitrate (bps)         Image: Select Text       Address       Mode       Dmx fail Start       Dmx fail Operation       Network       Bitrate (bps)         Image: Select Text       Address       Mode       Dmx fail Start       Dmx fail Operation       Network       Bitrate (bps)         Image: Select Text       Address       Mode       Dmx fail Start       Dmx fail Operation       Network       Bitrate (bps)         Image: Select Text       Address       Mode       Total       No Data	da     Module     Select     Text     Address     Mode     Dmx fail Start     Dmx fail Operation     Network     Birrate (bps)            wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince wince	Communication	Network	Monitor		Configu	ration	Upgrade		DMX contro	k					
Read config       Image: State S	Read config       IzI-USBInterface (2)       No Data       No Data       No Data       Identify         IzI-Los mkIII       67       6 Channel       100%       Hold       Identify         IzI-USBInterface (2)       IzI-DiviseC2       Recen 1       4       2 Channel       100%       Hold       Identify         IzI-USBInterface (4)       IzI-DiviseC2       Recen 1       4       2 Channel       Max       Hold       Identify         IzI-USBInterface (2)       IzI-DiviseC2       Recen 1       4       2 Channel       Max       Hold       Identify         IzI-USBINETICE       IzI-DiviseC2       Hall front       12       2 Channel       Max       Hold       Identify         IzI-Convisition       MoodSpotl RGBW       Hall Back       5       4 Channel Master       Max       Wave       Identify         IzI-Convisition       MoodSpotl RGBW       Lala       3       1 Channel WD       Max       Wave       Identify         IzI-Convisition       Select the type of modules of which configuration data should be shown. Use the shift key to make faster selection of modules selected containing that parameter.       No data       No data       No data	ata	Module		Select	Text	Address	Mode		Dmx fail Start	1	Dmx fail Operation		Network	Bitrate (bps)	
IZI-LCGmkIII       67       6 Channel       100% *       Hold *       Identify         IZI-DSNIAmefrace (4)       1       121-01       121-01       121-01       121-01         IZI-DSNIAmefrace (4)       1       1       121-01       121-01       121-01       121-01         IZI-DSNIAmefrace (4)       1       1       121-01       121-01       121-01       121-01       121-01       121-01         IZI-DSNIAmefrace (4)       1       1       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       121-01       <	Wree       ↓ ZI-LCGmkIII       67       6 Channel       100% *       Hold       identify         Wree       ↓ ZI-LORWINTerface       ↓ All Font       ↓ ZI-CAnnel       ↓ Max       ↓ Hold       ↓ Identify       ↓         IZI-USBINErface       ↓ ZI-LORWINTErface       ↓ ZI-LORWINTErface       ↓ All Font       ↓ ZI-CAnnel       ↓ Max       ↓ Hold       ↓ Identify       ↓         IZI-USE       ↓ ModSpotl RGBW       ↓ Hall Font       ↓ ZI-CAnnel       ↓ Max       ↓ Hold       ↓ Identify       ↓         YZI-USERVILL       ↓ Hall Font       ↓ ZI-CAnnel       ↓ Max       ↓ Hold       ↓ Identify       ↓         YZI-USERVILL       ↓ Hall Font       ↓ ZI-LORWINE       ↓ All Font       ↓ ZI-LORWINE       ↓       ↓ Hold       ↓ Identify       ↓         YZI-USERVILL       ↓ Hall Font       ↓ ZI-LORWINE       ↓ All Font       ↓ ZI-LORWINE       ↓ Hold       ↓ Identify       ↓         YZI-USERVILL       ↓ Hall Font       ↓ ZI-LORWINE       ↓ All Font       ↓ All Font	Read config	V 🕨 IZI-USBIn	nterface (2)						No Data	• N	No Data	-	Identify		
Wite       IZI-DNKINterface (4)       Image: Comparison of the comparison of thecomparison of the comparison of the compariso	Wree       IZI-DriveCC2       Room 1       4       2 Channel       Max       Hold       Identify         IZI-DriveCC2       Hall front       12       2 Channel       Max       Hold       Identify         IZI-DriveCC2       Hall front       12       2 Channel       Max       Hold       Identify         IZI-DriveCC2       Hall front       12       2 Channel       Max       Hold       Identify         IZI-DriveCC2       Hall front       12       2 Channel       Max       Hold       Identify         IZI-LCGRMIL       ModSpotl KBW       Hall Book       3       1 Channel WD       Max       Wave       Identify         IZI-DriveCC2       Hall Book       3       1 Channel WD       Max       Wave       Identify         ModSpotl KBW       IzI-DriveCC2       Lala       3       1 Channel WD       Max       Wave       Identify         IZI-DriveCC2       ModSpot WD3000       Lala       3       1 Channel WD       Max       Wave       Identify         IZI-DriveCC2       Hall Book       ILea       3       1 Channel WD       Max       Wave       Identify         IZI-DriveCC2       Hall Book       ILea       3       1 Channel WD	- <b>U</b> -	IZI-LC6	mkIII			67	6 Channel	•	100%	- H	Hold	-	Identify		
Write <ul> <li>IZI-DriveCC2</li> <li>Room 1</li> <li>2 Channel</li> <li>Max</li> <li>Hold</li> <li>Identify</li> </ul> IZI-USBINterface <ul> <li>IZI-ChriveCC2</li> <li>Hall front</li> <li>IZ</li> <li>Channel</li> <li>Max</li> <li>Hold</li> <li>Identify</li> </ul> ModSpott IRGBW       Hall back       S       4 Channel Master       Max       Hold       Identify         ModSpott IRGBW       Hall back       S       4 Channel Master       Max       Hold       Identify         ModSpott IRGBW       Hall back       S       4 Channel WD       Max       Wave       Identify         ModSpott WD3000       Lala       3       1 Channel WD       Max       Wave       Identify         Setext the type of modules of which configuration data should be shown.       Use the shift key to make faster selection of modules of the same type.       Use the shift key to make faster selection of modules of the same type.	Write          iziz-DriveCC2        Room 1         4         2 Channel        Max        Hold        Identify          Izi-USBINerface          iziz-DriveCC2        Hall front        12         2 Channel        Max        Hold        Identify          Izi-USBINerface          Ziz-DriveCC2        Hall back        3        4         Channel        Max        Hold        Identify          Izit-USBINerface          Ziz-DriveCC2        ModSpotl RGBW        Hall back        4         Channel        Max        Hold        Identify          Izit-LorsetLine            ModSpotl RGBW        Hall back           4         Channel           Max           Hold           Identify          Izit-DriveCC2           ModSpotl RGBW           Lale           3           1         Channel           Max           Wave           Identify          Izit-DriveCC2           ModSpotl WD3000          Select the type of modules of which configuration data should be shown.           Le the shift key to make faster selection of modules selected containing that parameter.	Mellin	V 🔲 IZI-DM	(Interface (4)										Identify	19k2	
IZI-UBBINEfrace       IZI-DriveCC2       Hall front       12       2 Channel       Max       Hold       Identify         IZI-UBBINEfrace       MoodSpotl IRGBW       Hall back       S       4 Channel Master       Max       Hold       Identify         IZI-UBBINEfrace       MoodSpotl IRGBW       Lala       3       1 Channel WD       Max       Wave       Identify         MoodSpotl IRGBW       Lala       3       1 Channel WD       Max       Wave       Identify         IZI-DriveCC2       MoodSpotl WD3000       Lala       3       1 Channel WD       Max       Wave       Identify         IZI-DriveCC2       MoodSpotl WD3000       Lala       3       1 Channel WD       Max       Wave       Identify         IZI-DriveCC2       MoodSpotl WD3000       Lala       S       1 Channel WD       Max       Wave       Identify         IZI-DriveCC2       MoodSpotl WD3000       Lala       S       1 Channel WD       Max       Wave       Identify         IZI-DriveCC2       MoodSpotl WD3000       Lala       S       1 Channel WD       Max       Wave       Identify         IZI-DriveCC2       MoodSpotl WD3000       Lala       Lala       S       Hold       Identify	IZI-USBINErface	Write	IZI-D	riveCC2		Room 1	4	2 Channel	٠	Max	•	Hold	-	Identify		
IZI-USBINISHEAGE       ModSpotl RGBW       Hall back       5       4 Channel Master       Max       Hold       Identify         IZIA-DNAIdeAction Community       ModSpotl RGBW       Lale       3       1 Channel WD       Max       Wave       Identify         IZIA-DNAIdeAction RGBW       Lale       3       1 Channel WD       Max       Wave       Identify         IZIA-DNAIdeAction RGBW       Lale       3       1 Channel WD       Max       Wave       Identify         IZIA-DNAIdeAction RGBW       Setext the type of modules of which configuration data should be shown.       Setext the type of modules of the same base.       Setext the type of modules of the same base.	IZI-USBIRINGFACE       ModSpotII RGBW       Hall back       5       4 Channel Master       Max       Hold       Identify         IZI-Construint       ModSpotII RGBW       Lale       3       1 Channel WD       Max       Wave       Identify         IZI-Construint       ModSpotII RGBW       Lale       3       1 Channel WD       Max       Wave       Identify         ModSpotII RGBW       Liz-OnvecConstruction       Select the type of modules of which configuration data should be shown. Use the shift key to make faste selection of modules selected containing that parameter.       Select the type of modules selected containing that parameter.		IZI-D	riveCC2		Hall front	12	2 Channel	٠	Max	• +	Hold	•	Identify		
VIZEDWAINTERCE       ModSpot WD3000       Lele       3       1 Channel WD       Max       Wave       Identify         ModSpot WD3000       Lele       3       1 Channel WD       Max       Wave       Identify         ModSpot WD3000       Setect the type of modules of which configuration data should be shown.       Vert the shift key to make faster selection of modules of the same base.       Identify	VIZI-Uconkulterade       ModSpot WD3000       Lela       3       1 Channel WD       Max       Wave       Identify         ModSpot RSBW       IZI-Lonkulterade       Identify       Identify       Identify         ModSpot WD3000       Select the type of modules of which configuration data should be shown. Use the shift key to make faster selection of modules of the same type. The value changed will reflect on all modules zelected containing that parameter.	IZI-USBInterface	Moods	Spotll RGBW		Hall back	5	4 Channel Master	•	Max	• +	Hold	-	Identify		
MoodSpotIl RGBW IZI-DriveCC2 MoodSpot WD3000 Select the type of modules of which configuration data should be shown. Use the shift key to make faster selection of modules of the same type.	MoodSpotli KGBW         IZ1-DriveCC2         MoodSpot WD3000         Select the type of modules of which configuration data should be shown.         Use the shift key to make faster selection of modules of the same type.         The value changed will reflect on all modules selected containing that parameter.	IZI-DMXInterface	Moods	Spot WD3000		Lala	3	1 Channel WD	•	Max	- v	Nave	-	Identify		
	The value changed will reflect on all modules selected containing that parameter.	IZI-DriveCC2 MoodSpot WD3000	t the type of modules of the shift key to make faste	which configuratio	on data shi lules of the	ould be shown.										

Figure 11 - Configure discovered products

If multiple modules need the same setting, hold the *shift* button and select the square of the type of module that needs to be adjusted. All the following modules of the same type will be selected.

- ▶ Adjust the settings according to your need. The setting of all the selected modules will then change.
- ▶ Press the *"Write"* button to upload the configuration to the driver

k ready	Read configuration	of modules ready										System	OK				
ommunication	Network	Monitor		Configu	ation	Upgrade	DM	IX control									
	Module		Select	Text	Address	Mode	Dmx fai Start	il	Dmx fail Operation		Network	Current set (mA)	PWM mode	NTC1 Temp Protect (degC)	NTC2 Temp Protect (degC)	Chanr Swap	nel
Read config	V 🍃 IZI-USBI	nterface (2)					No Data		No Data		Identify	1					
0	IZI-LC	imkIII			67	6 Channel	100%		Hold		Identify						
	V 🔤 IZI-DM	XInterface (4)									Identify						
Vinte	121-0	priveCC2		Room 1	4	2 Channel	Max	-	Hold	-	Identify	300mA	Hybrid Dimming	70degC	70degC	12	
	121-0	priveCC2		Hall front	12	2 Channel	Max	-	Hold	-	Identify	950mA ~	Hybrid Dimming	70degC	70degC	12	
IZI-USBInterface	Mood	Spotll RGBW		Hall back	5	4 Channel Master	Max	-	Hold	-	Identify	150mA 200mA					
IZI-DMXInterface IZI-LC6mkIII	Mood	Spot WD3000		Lala	3	1 Channel WD	Max	-	Wave	-	Identify	250mA					
MoodSpotII RGBW IZI-DriveCC2 MoodSpot WD3000												350mA 400mA 450mA 550mA 650mA 650mA 700mA 700mA 850mA 900mA 900mA 1050mA					

Figure 12 - Configure discovered products options



## VIII. Monitor

More information about the discovered products are shown in the "Monitor" tab. Information such as temperature, current and voltage can be read from certain products.

- Go to the Monitor tab
- Select the *Module type* that needs to be monitored (left bottom)

ready	Read monitor values o	f modules ready								System OK			
mmunication	Network	Monitor		Configuration		Upgrade	DMX cor	ntrol					
	Module		Text	Address	Network	Supply Voltage (V)	Internal Temp (degC)	NTC1 Temp (degC)	NTC2 Temp (degC)	Max IntTemp (degC)	Max NTC1Temp (degC)	Max NTC2Temp (degC)	HW Revision
Read	V 📦 IZI-USBInte	erface (2)			Identify	47V							2
0	IZI-LC6m	kIII		67	Identify	24V							2
	V 🔤 IZI-DMXI	nterface (4)			Identify	47V							
	IZI-Driv	veCC2	Room 1	4	Identify	48V	34degC	Low		41degC	Low		3
	IZI-Driv	veCC2	Hall front	12	Identify	48V	35degC	Low		52degC	Low		3
ZI-USBInterface	MoodSp	otll RGBW	Hall back	5	Identify	47V	27degC			77degC			4
ZI-LC6mkIII	MoodSp	ot WD3000	Test	1	Identify	48V	26degC			84degC			4
IZI-DMXInterface IZI-LC6mkIII MoodSpotII RGBW IZI-DriveCC2 MoodSpot WD3000	MoodSp	oot WD3000	Test	1	Identify	48V	26degC			84degC			4

Figure 13 - Monitor discovered products



## IX. Import/Export

It is possible to import and export the system configuration. The exported file will hold all modules and their settings, and has the '.izi' extension.

#### IX.I Export

The export can be made by clicking 'Save' in the File menu. A dialog box will appear to choose the filename and destination.

🗵 IZI-Manager		
File Data Definitions	Help	
Open F5		
Save F6		
Most recent F7	Network	Monitor
COM6 (USB)	∽ Ø₽	Open Com port to start

#### IX.II Import

The export can be made by clicking 'Load' in the File menu. A dialog box will appear to choose the to import.

🗾 IZI	l-Manager		
File	Data Definitions	Help	
	Open F5		
	Save 56		
	Most recent F7		
_	Communication	Network	Monitor
	COM6 (USB)	~ @ Op	Open Com port to start

#### If the file is valid the following import options will be shown.

Import options		
View only	The 'View only' option can be used if the file content should only be viewed (read only). The current modules will be cleared and the modules of the file will be displayed. All modules will appear in tje 'offline' state.	
Hap	The 'map' option can be used to map the settings in the file on the current discovered modules. The current discovered modules will not be cleared but the settings of the module will be overwritten by the file content (if found). All modules that are changed will be marked in 'blue' (not in sync). The user must press 'Write config' manually to use the settings.	
Clean	The 'clean' option can be used to import all modules from file and the user will be able to use the modules for reading and writing. The current discovered modules will be cleared and the ile content will be shown. All modules will appear in 'blue' (not in sync). User can choose to write or read the settings from the loaded module The user must press 'Write config' or 'Read config'.	¥S.
	Cancel	

#### View only

Use this option to just view the exported system offline. All modules and their settings will be loaded and shown as if offline.

## Мар

Use the map option to map the settings for modules on the current discovered system. The serial numbers of the devices are used to make the mapping. So if you load a file of another system, nothing will happen. The 'Map' option can be disabled when there are no modules discovered yet (so no mapping is possible).

#### Clean

Use the clean option to a load a complete system is if all modules are online and changed. If after the Clean load 'Write' is pressed all modules should be written directly.

In theory it is also possible to use this option to skip a discover of a known system. Do a clean load and press 'Read', this will be much quicker than a complete discover (especially with large systems).



## X. DMX control

In the 'DMX control' it is possible to test dmx channels while connected to the system. The DMX channels are shown per 16 channels per page (32 pages = 512 channels), you can select the pages with the arrow buttons on the right.

k ready	Read versions of	f modules read	,								3 modu	les need (re)pr	ogramming (ma	arked in blue), p	ease press "Wr	ite" system co
ommunication	Network		Monitor	Config	uration	Upgrade		DMX control								
Nare All off	Ch 1 MoodSpot WD3000 Intensity	Ch 2 	Ch 3 MoodSpotil RGBW Master	Ch 4 MoodSpotil RGBW Red	Ch 5 MoodSpotll RGBW Green	Ch 6 MoodSpotll RGBW Blue	Ch 7 MoodSpotll RGBW White	Ch 8	Ch 9 IZI DriveCC2 Channel 1	Ch 10 IZI DriveCC2 Channel2	Ch 11 	Ch 12 IZI DriveCC2 Channel1	Ch 13 IZI DriveCC2 Channel2	Ch 14 	Ch 15 	Ch 16
	Test 00 000 00 000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000		Hal back	Hal back	Hall back	Hall back	Hal back		Room 1 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100	Room 1 100 - 100 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 - 40 60 -	100 100 80	Hal front 100 100 00 00 40 00 40 00 00 00 0 _ 00 0	Hall front 100 100 60 60 40 60 40 60 200 20 0 20 0 20		100 100 80	100100 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 0000 00 -

The intensity of the DMX channels can be set with the slider. It also possible to set the intensity for multiple channels at once by first selecting the select checkbox at the bottom of each channel. A seldction can be made over multiple pages.

There is a flash button at the bottom of each channel to temporarily set the intensity to 100%.



The upper part of each channel contains information about the module. This is easy to know what parameter of a fixture is set, but can also be used to check if the configuration is as expected.

If channels of fixtures overlap and do not share the same functionality for the selected mode, the parameter will be shown in (salmon) red.

•												
Ch 1 Ch 2 MoodSpotli MoodSpotli RGBW RGBW		<b>2</b> Spotll BW	Ch Mood RG	<b>3</b> Spotll BW	Ct Mood RG	<b>4</b> Spotll BW	Ch Mood RG	<b>5</b> Spotll BW	Ch 6			
Master, Intensity		Re				Bl		Wł				
Hall back H		Hall		Hall	back	Hall back		Hall back				
100 — 80 —	Ha Tes	100 _ II back, t 80 _		100 80		100 80		100 80		100 80	-100 80	

Use the tooltip for extra information about the module type, parameters and module texts of the overlapping fixtures.



## XI. Troubleshooting

## No COM port is showing up

- 1) Check if the USB cable is plugged in correctly and the green/red LED on the USB connector flashes when plugged in.
- 2) The USB cable needs to install driver software when used for the first time, make sure this has finished.
- 3) Refer to "Appendix I Finding com port" to see if the driver software have been installed correctly.
- 4) Check if the USB-TO-IZI-Link programmer cable is plugged into the right socket, see Chapter II for reference.

## No IZI-Link products are discovered

- 1) Check if the correct COM port is selected
- 2) Check if the IZI-Link DMX Master is powered up
- 3) Check if the USB-TO-IZI-Link programmer cable is plugged into the right socket

#### The IZI-manager doesn't discover a fixture/driver

- Check if the product is wired appropriately
   Check if:
- Fixture: lights up when powering the IZI-Link DMX interface Driver: Status LED is lit up
- 3) Check IZI-manager has been updated to the latest version



## APPENDIX I - Finding COM port

If you are not sure which COM port is reserved for the USB-to-IZI-Link cable. Please follow these steps to find the COM port:

- Go to the start menu
- Go to Control panel
- Select Device Manager

Under *PORTS (COM & LPT)* you will find a list of available ports. Look for the one that says: USB Serial port (COMx). The x determines the COM port number.

Shortcut key: ***** + R *"devmgmt.msc"* 

## APPENDIX II - Installing COM port driver

The computer should install the COM port driver for the USB-to-IZI-Link driver automatically. When this does not happen automatically, install the drivers manually. The COM port drivers can be found here:

http://www.ftdichip.com/Drivers/VCP.htm

Note: Make sure to download the firmware for the right platform.