ArtNet Player X16+

DMX⁴ALL ®

Contents

Important Notes

For your own safety, please read this user manual and warnings carefully before installation.

A firmware update is recommended after receipt the product. This is the only way to ensure that the device has the latest version. You can find the latest firmware on the homepage.

Description

The **ArtNet Player X16+,** in the following only called ArtNet Player X, is the first Stand-Alone Controller from DMX4ALL, offered in different model versions.

Depending on the needed application, the ArtNet Player X is available in different designs and functionalities.

As usual, the ArtNet Player X is also quickly ready for use in DMX4ALL manner and remains intuitive and user-friendly despite numerous and new functions in the handling.

This is possible by the well-structured user interface of the device's own web interface, available for the settings.

The essential actions can be set directly on the device, thanks to the clearly designed touch panel and an external access is not needed. An overview of the current status is provided by the integrated RGB LED.

Whether as a board version or as compact ready-made device with comfortable touch operation, the ArtNet Player X can be used to play lighting programs from SD card. Different file formats can be used, which can be created with the DMX Configurator or used as TPM2 files from freely available software.

With up to 16 universes, a maximum of 8192 channels can be output via the network with just one ArtNet Player X. Even in larger installations, handling across several devices remains easy and clear thanks to Master-Slave operation.

The ArtNet Player X offers the possibility to execute programs comfortably time-controlled. Up to 16 configurable timers can be defined individually.
For each timer one or several days can be assigned as well as the start time. Furthermore, the playback duration as well as the hourly playback with adjustable time window can be set optionally.

The current time is needed for the correct processing the timers. This setting is done either via the device's own web interface, the optionally available DCF77 Key with DCF77 sensor or according to the ArtNet specification via network-based ArtTimeSync packages. DCF77 allows an automatic adjustment to summer / winter time.

The configurable digital inputs integrated in the ArtNet Player X allow operation by remote pushbuttons, making additional devices obsolete. Designed as a LongDistance inputs, even larger distances do not cause any problems when mounting the switching elements.

The ArtNet Player X is convincing and combines a multitude of useful and innovative functions under a top-hat rail housing in its space-saving, compact design.

Replay up to 16 DMX Universes
The ArtNet Player X can output up to 16 DMX universes via Art-Net / sACN.

Output via Art-Net or sACN
The DMX universes to be output can be output via Art-Net or sACN.

Synchronization of sveral devices
If more DMX universes are needed, several ArtNet Player X can be synchronized.

Two galvanically separate DMX connections
On the ArtNet Player X there are 2 galvanically isolated DMX connections. These can be configured as DMX-OUT or DMX-IN.

Remote-Function
The ArtNet Player X has a configurable remote function. Remote control is possible via DMX, Art-Net, sACN, HTTP request or DMX4ALL Commands.

8 LongDistance inputs
8 configurable digital inputs are available for connecting buttons or switches. The inputs are designed as LongDistance Inputs, so the switching elements can also be installed in greater distance.

Touch Handling
There are 7 touch fields for operation on the ArtNet Player X as well as an RGB display LED.

Mute able LED Display
The LED displays on the ArtNet Player X can be switched off by ArtNet command or time-controlled, to avoid disturbing "light spots " especially on stage.

RGB-Filter
A quick and uncomplicated change of the defined color in the program is allowed by the RGB filter. The selected colors can be filtered as needed without editing the previously created program.

Firmware-Update-Function
The firmware update function enables to use always the free, current device software.

Different data files for lighting programs
The ArtNet Player X plays the lighting programs from the SD card. The DMX4ALL program files as well as TPM2 or TPM2NET can be used as data formats.

Easy Configuration
Fast and uncomplicated configuration is possible at any time from a PC, smartphone or tablet, due to the user-friendly configuration via any web browser.

Free Software
For creating the programs our free software DMX-Configurator can be used, which is available in the current FREE version as download on our website www.dmx4all.de.

Data sheet

Power supply:	8-24V DC 150mA@12V / 100mA@24V
Connections:	RJ45 Ethernet Screw terminals
Ethernet:	10 Mbit/s | 100 Mbit/s
Art-Net™ / sACN[1]:	16 universes up to 8192 channels[1]
DMX:	2x galvanically isolated Switchable DMX OUTPUT / DMX INPUT[1] DMX OUTPUT: DMX512 DMX INPUT: DMX512 / RDM[1]
Device-Sync:	Synchronization of several devices
Remote-Options:	DMX Art-Net™ sACN[1] HTTP-Request DMX4ALL Commands
Digital Input:	8 configurable Long Distance-Inputs
Timer:	Up to 16 configurable timer for executing programs[1] Hourly execution with adjustable time slot[1]
TOUCH-Control:	7 sensor buttons directly on the device for quick operation and RGB status display[1]
SD Card:	microSD up to 16GB
Playback format:	DMX4ALL program files TPM2 files TPM2NET files
Status display:	RGB-LED, network status LEDs all disengageable
Further features:	RGB-Filter Firmware-Update-Function Silent without a fan
Optional Equipment:	DCF77 receiver
Dimension:	62mm x 88mm x 29mm (Board) 70mm x 90mm x 60mm (Mounted device)

[1] Depending on model, see model overview

Model overview

The different designs of the ArtNet Player X offer a different range of functions and designs.

The following table shows the several model overview:

Model	ArtNet Player X4	ArtNet Player X8	ArtNet Player X16	ArtNet Player X16+
Design	Board	Board	Board	Mounted device
Universes	4	8	16	16
SD card	microSD up to 16GB	microSD up to 16GB	microSD up to 16GB	microSD up to 16GB
DMX	1x IN / 1x OUT	2x IN / OUT free configurable	2x IN / OUT free configurable	2x IN / OUT free configurable
RDM	✘	✔	✔	✔
Switching inputs	8	8	8	8
Timer	4	8	16	16
Hourly timer	✘	✔	✔	✔
Remote	DMX / Art-Net™ / HTTP-Request / Commands	DMX / Art-Net™ / sACN / HTTP-Request / Commands	DMX / Art-Net™ / sACN / HTTP-Request / Commands	DMX / Art-Net™ / sACN / HTTP-Request / Commands
Touch-Control	✘	✘	✘	✔
User Webinterface	✘	✘	✘	✔

Content

1x   ArtNet Player X16+

1x   Quick guide german and english

Connection
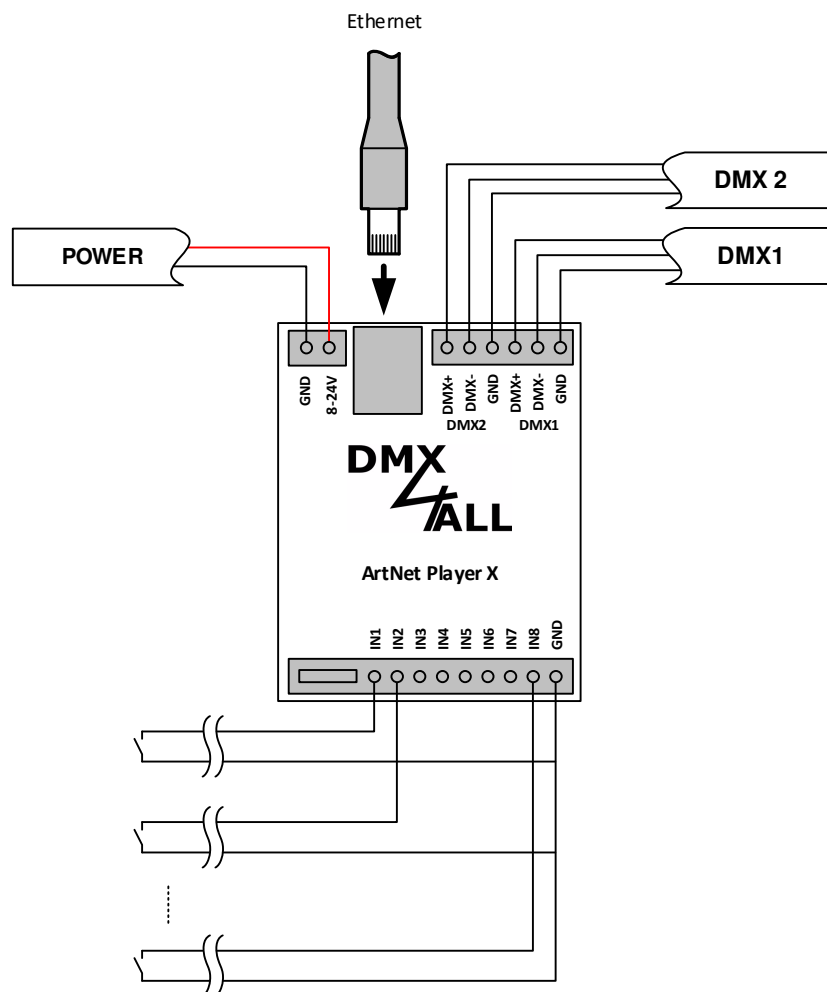
LED Display

The **ArtNet Player X** has several display status LEDs.

A green and a yellow LED is at the Ethernet connection, showing the network activity.

Furthermore, a RGB-LED signals the device status.

Green Ethernet-LED

Off	Power supply not connected / Display is in MUTE
Flashes	Ethernet connection not existing
Lights	Ethernet connection existing

Yellow Ethernet-LED

Off	No data are transferred / Display is in MUTE
Flashes	Data are transferred

RGB Status-LED

Off	Power supply not connected / Display is in MUTE
PINK lights	Device is booting / Network connection will be generated
RED lights	No SD-Card
RED flashes	No Ethernet connection and no SD card
RED flashes fast	Several touch surfaces are pressed simultaneously
GREEN lights	The device works normally
GREEN flashes	No Ethernet connection
GREEN flashes fast	The maximum value for the brightness/speed setting has been reached
BLUE lights	Device is ready for update
BLUE flashes	Device is in update mode
BLUE flashes fast	A touch action is carried out
RED / GREEN / BLUE in rotation	RDM Identify or Art Net Locate is signaled

SD Card

The **ArtNet Player X** needs for program storage a MicroSD card.

It is inserted into the center of the SD card slot with the contacts facing upwards and the beveled edge to the left.

⚠️ Please use only SD cards or SDHC cards of Class4 or higher, maximum 16GB.

The SD card must be formatted with the FAT16 or FAT32.
The file names should be maximum 8 signs and on the SD card should not be folder used.

The files generated by the DMX Configurator must not be renamed and must be located in the main directory of the SD card.

Naming the files on the SD card

The program files must be located in the main directory of the SD card and be named with Pxxx.prg. Here xxx stands for the serial three-digit program number starting with 001.

SD (G:)

☐ P001.prg
☐ P002.prg
☐ P003.prg
☐ P004.prg
☐ P005.prg
☐ P006.prg
☐ P007.prg

Create programs

The program files can be created for the ArtNet Player X with the software DMX-Configurator. Alternatively, TPM2 or TMP2.NET files can be used.

Program files with DMX-Configurator

The DMX-Configurator is available in the current version as free download on our website dmx4all.de.

Creating programs is described in the DMX-Configurator manual.

After the programs are created, the export is to be done in the menu
Project→Export→ArtNet Player X:
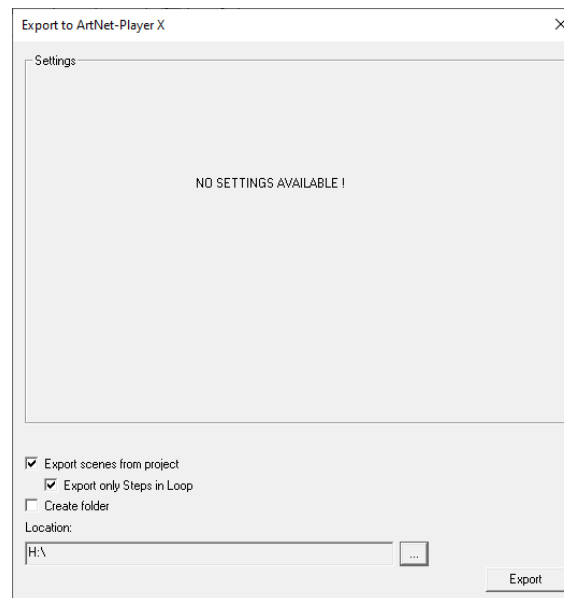
The activated export options specify which elements are to be exported.

Export scenes from project   The scenes contained in the project are exported

Export only Steps in Loop   Only the steps contained in a loop are exported

Create folder   Creates the exported files in a folder that is created. This option offers the possibility to save the exported files per project on a disk.

Under ***...*** the path is to specify where the files should be written.
Please choose directly the SD-Card and don't create a folder to use the SD card directly in the ArtNet Player X subsequently!

Export starts the export process.

TPM2 / TPM2.NET program files

The TPM2 protocol was designed by users of the internet forum www.ledstyles.de.

TPM2 / TPM2.NET files are a format where the package data is written into the file.

⚠️ Based on the protocol description, this format can be freely used / modified.

Therefore, no guarantee can be given for unproblematic playback.

Create TPM2 / TMP2.NET files with Jinx!

Making TPM2 / TPM2.NET files was tested with the software Jinx! (V2.40).

An output device must be created for the output, in which the device type is set to tpm2 or tpm2.net.

As Device Type tmp2 or tpm2.net must be selected

It is recommended to set the value for Chan/Block to 510

Here, the output file must be specified

The recording starts when the output is started and is stopped when the output ends. The generated file must now be renamed to Pxxx.prg and copied to the root directory of the SD card.

Device settings

The device settings of the ArtNet Player X are made via a web interface that is accessed through any web browser.

Set the IP via IP-Configurator

The **IP Configurator** allows to set the IP address and the netmask even if the network setting of the PC is not in the IP range of the ArtNet Player X.

- Install the program IP-Configurator
- Connect the ArtNet Player X to the network
- Turn on the ArtNet Player X
- Start the program IP-Configurator
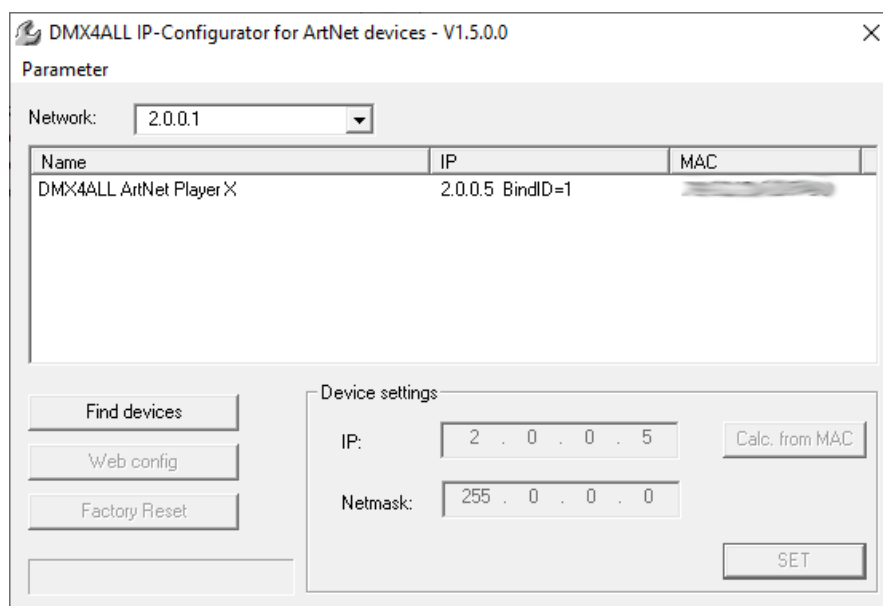
- The ArtNet Player X is shown in the list
- Select the entry (click)
- Enter the new IP and netmask
- Click SET

Set the IP via web browser

Within the delivery state, the assigned **IP address** is **2.0.0.5**, which is used for the web interface.

Set the computer's network card to this IP range to access the IP address 2.0.0.5 via the web browser.

⚠️ The network setting of the computer must be set to the **IP address 2.0.0.1** and the **subnet mask 255.0.0.0** .

For further details, please take a look to the Art-Net™ specification.
.
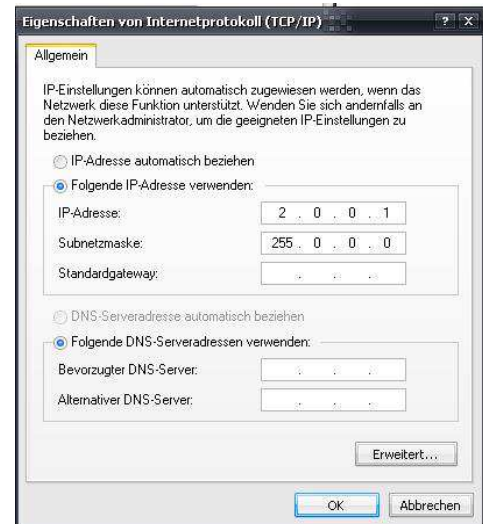
Device settings via web browser

Call up the IP of the ArtNet Player X in the web browser's address bar (delivery state: 2.0.0.5) to get the following configuration page:

Device Parameter

⚠ Jedes Gerät benötigt eine eigene **IP-Adresse**, sodass die Zuordnung im Netzwerk eindeutig erfolgen kann. Verwenden Sie entsprechend der ArtNet-Spezifikation die IP-Adressen 2.x.x.x oder 10.x.x.x mit der **Netmask** 255.0.0.0 .

Jede andere IP-Adresse kann auch verwendet werden, wie z.B. 192.168.1.10 . In diesem Fall muss die Netmask auf 255.255.255.0 angepasst werden !

The ArtNet Player X can be named with any name for a better distinction.

The **short name** is limited to 18 characters and the **long name** to 64 characters.

PowerOn Settings

The Power On Settings define the behavior after switching on the ArtNet Player X.

If a certain program is to be executed after switching on the ArtNet Player X, *Program X* must be selected with Run.

If no program is to be started, No Program must be selected.

If the program is to be restarted before switching off, select Last Program.

Remote Options

The Remote Options are described below under Remote Settings.

DMX4ALL Command Options

The DMX4ALL Command Options are described below under DMX4ALL Command support.

LED-Indicator

After 10 minutes' operation with permanently network connection the LEDs at the device will be shut down in case of activated option **LED auto off**.

ArtNet-Output settings

The **Output Settings** specify, how the DMX universes are outputted via ArtNet.

For each DMX universe the destination IP (Destination IP), as well as the destination parameters for Port, SubNet and Net are specified.

If Broadcast is enabled, the corresponding universe is sent globally to all devices.

The settings are divided into groups of 8 universes, each of which is saved by Save.

Under **Global**, settings are available for all universes:

The selection **Protocol** sets the output protocol Art-Net or sACN.

Synchronization specifies if ArtSync packages are outputted for synchronization.
Pre-Sync sends the ArtSync package before DMX-Universes are outputted.
Post Sync sends the ArtSync package after the DMX-Universes are outputted.
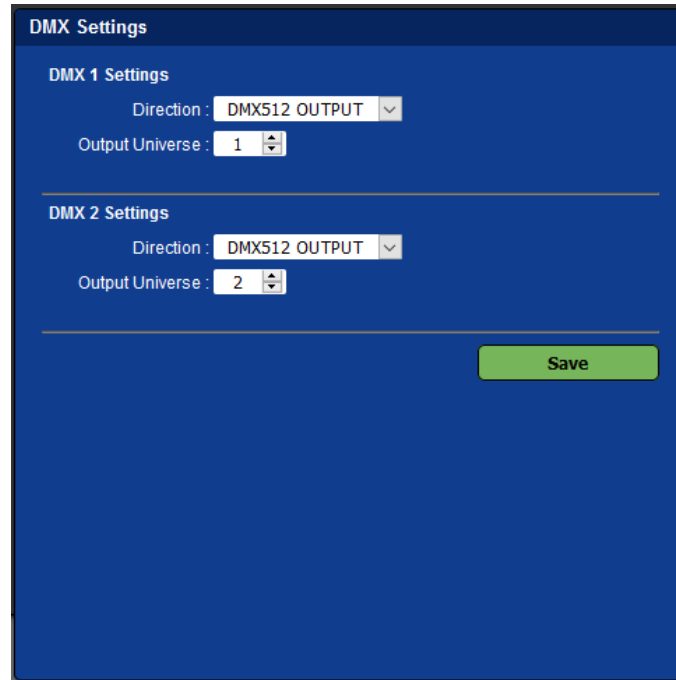
If **Use Sequence Number** is activated the single ArtNet data packages are
numbered continuously during ArtNet output.

To evaluate the ArtSync packages / sequence number it must be supported by
the receiver.

DMX Settings

The DMX settings specifies the characteristics for the two DMX ports.

For each DMX port the DMX way (Direction) is set between **DMX512 OUTPUT** or **DMX512 INPUT**.

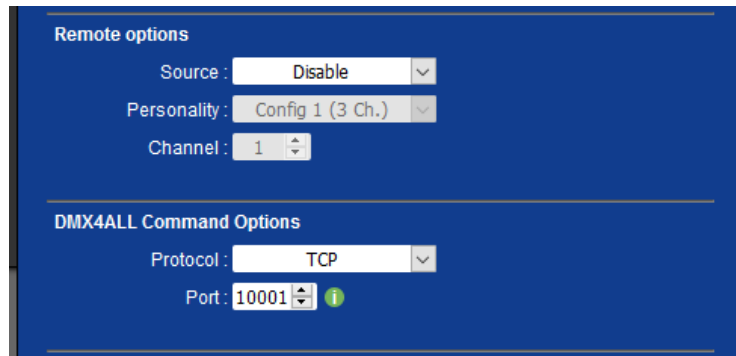If DMX512 OUTPUT is selected, **Output Universe** is used to set the universe to be output.

With the setting DMX512 INPUT, the ArtNet-Player X is recognized as an RDM device by the RDM functionality.

Remote settings

A DMX-, ArtNet-, sACN-Signal or the DMX4ALL Commands can be used for the ArtNet Player X remote control.

Under the menu **Remote options,** the signal source can be set:

The remote function is activated by selecting the source (**Source**).
It can be selected for Source Disable / DMX / ArtNet / sACN.

Disable
No remote function activated.

DMX
With DMX-Remote the DMX data from the DMX input is used.
In this case, RDM is activated at the DMX input, which enables the ArtNet Player X to be recognized and addressed as an RDM device.

ArtNet
In case of ArtNet remote additional the parameter Port, SubNet and Net must be defined via which the DMX data are received.

sACN
In case of sACN remote the universe must be specified via which the DMX data are received.

Channel sets the DMX start address from which the remote channels are used.

The **Personality** defines the assignment for the remote channels:

Personality Config 1 (3 Ch.)	DMX channel	Function	Value	
	1	Program	0-15	PRG1
			16-31	PRG2
			32-47	PRG3
			48-63	PRG4
			64-97	PRG5
			80-95	PRG6
			96-111	PRG7
			112-127	PRG8
			128-143	PRG9
			144-159	PRG10
			160-175	PRG11
			176-191	PRG12
			192-207	PRG13
			208-223	PRG14
			224-239	PRG15
			240-255	PRG16
	2	Speed	0-255	Slow → Fast
	3	Master-Brightness	0-255	0% → 100%

Personality Config 2 (6 Ch.)	DMX channel	Function	Value	
	1	Program	0-15	PRG1
			16-31	PRG2
			32-47	PRG3
			48-63	PRG4
			64-97	PRG5
			80-95	PRG6
			96-111	PRG7
			112-127	PRG8
			128-143	PRG9
			144-159	PRG10
			160-175	PRG11
			176-191	PRG12
			192-207	PRG13
			208-223	PRG14
			224-239	PRG15
			240-255	PRG16
	2	Speed	0-255	Slow → Fast
	3	Master-Brightness	0-255	0% → 100%
	4	Brightness Red	0-255	0% → 100%
	5	Brightness Green	0-255	0% → 100%
	6	Brightness Blue	0-255	0% → 100%

Personality	DMX channel	Function	Value	
Config 3 (9 Ch.)	1	Program LOW	0-15	*
			16-31	PRG1
			32-47	PRG2
			48-63	PRG3
			64-97	PRG4
			80-95	PRG5
			96-111	PRG6
			112-127	PRG7
			128-143	PRG8
			144-159	PRG9
			160-175	PRG10
			176-191	PRG11
			192-207	PRG12
			208-223	PRG13
			224-239	PRG14
			240-255	PRG15
	2	Program HIGH	0-15	*
			16-31	PRG PAGE 1
			32-47	PRG PAGE 2
			48-63	PRG PAGE 3
			64-97	PRG PAGE 4
			80-95	PRG PAGE 5
			96-111	PRG PAGE 6
			112-127	PRG PAGE 7
			128-143	PRG PAGE 8
			144-159	PRG PAGE 9
			160-175	PRG PAGE 10
			176-191	PRG PAGE 11
			192-207	PRG PAGE 12
			208-223	PRG PAGE 13
			224-239	PRG PAGE 14
			240-255	PRG PAGE 15
	3	Speed	0-255	Slow → Fast
	4	Master-Brightness	0-255	0% → 100%
	5	Brightness Red	0-255	0% → 100%
	6	Brightness Green	0-255	0% → 100%
	7	Brightness Blue	0-255	0% → 100%
	8	Program+	Transition 0-127 to 128-255 *	
	9	Program-	Transition 0-127 to 128-255 *	

* Program + / - is active when DMX channels 1 and 2 have the value 0-15!

Digital Inputs

The 8 digital inputs are designed for operation by remote pushbuttons. The inputs are operated by a switching contact against GND:
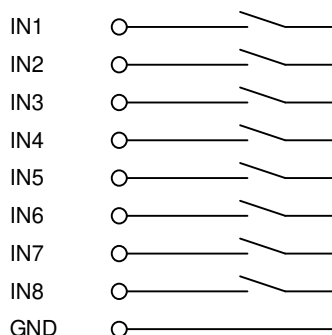
The inputs are not potential-free.

The function of the selected input can be set via the web configuration:

Program +
Switch to the next program. After the last program a rollover occurs to the first program.

Program -
Switch to the previous program. After the first, there is a rollover to the last program.

Brightness +/-
Set the Master-Brightness
- Press and hold executes the dimming process
- Release switches the dimming direction

Brightness +
Increases the Master-Brightness

Brightness -
Reduces the Master-Brightness

BlackOut Toggle
Turns on or off the BlackOut-Function

BlackOut On
Turns on the BlackOut-Function

BlackOut Off
Turns off the BlackOut-Function

Speed +/-
Set the replay speed
- Keep pressed increases or reduces the replay speed
- Release switches the direction

Speed +
Increases the playback speed

Speed -
Reduces the playback speed

Play
Starts the replay

Stop
Stops the replay

Pause
Breaks the replay

Next Step (External Trigger)
Switches to the next step, if the Wait Time is set to External Trigger

Program *X*
Starts the corresponding program with the program number X

TOUCH handling

On the ArtNet Player X, there are control elements designed as touch surfaces as well as an RGB LED.

RGB-LED

| Increases the Master-Brightness |

| Reduces the Master-Brightness |

| Increase playback speed |

| Reduce playback speed |

| Stops playback when the program is playing back
Starts playback when the program is stopped |

| Runs the next program |

| Runs the previous program |

The RGB-LED signals the device status. A detailed description of the signaled states is described under *LED-Display*.

Synchronize ArtNet Player X

Several ArtNet Player X can be operated together in master-slave mode. So, larger installations with more universes can be controlled.

In this case, all user inputs for example the program selection, brightness setting or remote functions must be made on the master device.

The ArtNet Player X must be operated in the same network and configured as Master or Slave:
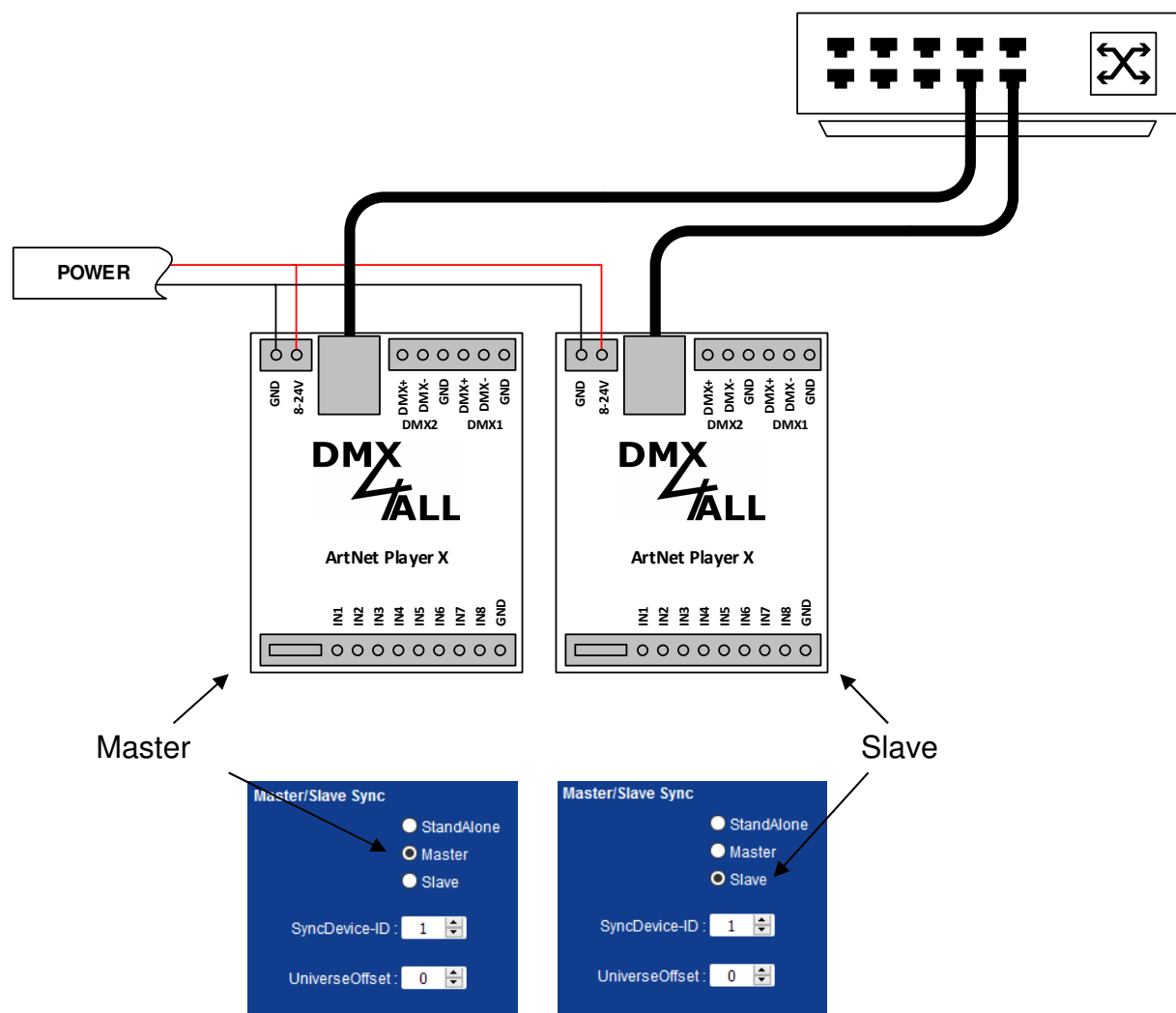
The SyncDevice-ID defines which master device controls which slave devices. A master device can control several slave devices.

UniverseOffset is used to specify from which universe the data should be read from the program file. So, it is possible that the same program file can be used in every ArtNet Player X.
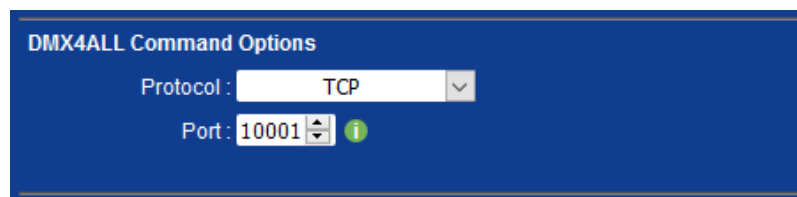
DMX4ALL-Command support

The **ArtNet Player X** has a further communication interface, using DMX4ALL-Commands.

Please take a look in the separate DMX4ALL Command description for the possible DMX4ALL-Commands.

The settings are to be made in the Main Settings under DMX4ALL Command Options.

Under **Protocol** please select the **TCP** or **UDP**
Furthermore, the **Port** must be specified:

To control the interface directly via a UDP/TCP connection, use the IP address set in the web browser and use the port set (default setting 10001).
The sent and received data are RAW data packages.

VCP-Control

For controlling via a virtual COM-Port (VCP) a TCP-VCP program must be installed, which needs a TCP connection.

We recommend the tool *Serial to Ethernet Connection* which has been tested by us. You find this tool on the enclosed CD and as download in our support area.

During the installation you have to enter a password (see illustration).

After the installation start the tool "Sentos SEC" which is on the desktop. Now add a VCP with *Add* and specify the parameter for the VCP-port.

Make sure, that you use the IP which is adjusted about the web browser.
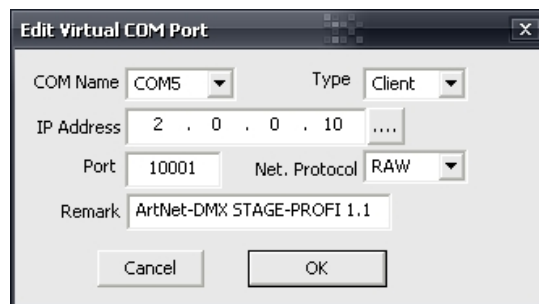
Finally, click **Update all** in the main menu window for activating the VCP. Now, the status became *Available* and the COM-port will be displayed in the device manager.
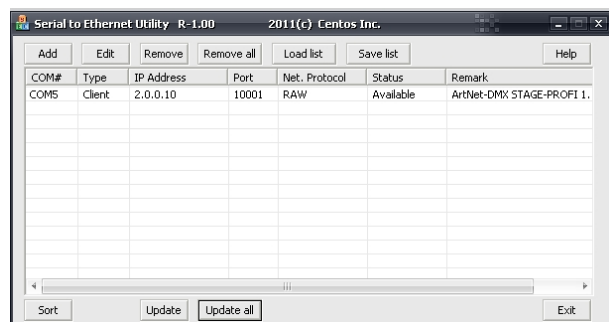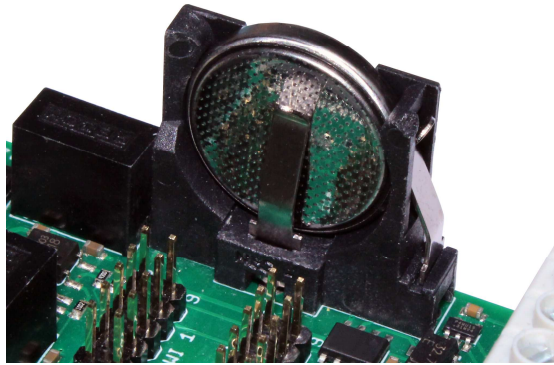
Set time

The internal clock of the ArtNet Player X is needed to execute timers created in the DMX Configurator.

Setting the current time can be done via the web interface, the reception of ArtTimeSync pages or the DCF77 key (not included in delivery).

For maintaining the time, also in case of power fail, the usage of a CR2032 battery is needed (not included in delivery).


⚠ Pay attention to the correct polarity when inserting the battery!

Emptied batteries, are hazardous waste and must be disposed in accordance with the local regulations.

Set time via web interface

The web interface takes the time from the web browser (system time) and saves it in ArtNet Player X when saving the service page.

| Service |
| --- |
| **Current System Time** |
| Day / Time : 10:00:00 / MON 01.02.2021 |
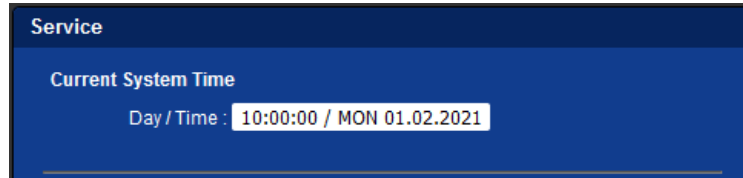
Set time via ArtTimeSync packages

The ArtNet specification provides ArtTimeSync packages for setting the time.

The ArtNet Player X received this packages and uses it for setting the time.

The DMX4ALL TimeMaster is an external time controller receiving the DCF77 time signal and outputs ArtTimeSync packages.

The ArtTimeSync package can be received by multiple devices / ArtNet Player X at the same time. Thus this way is recommended for installations with multiple devices.
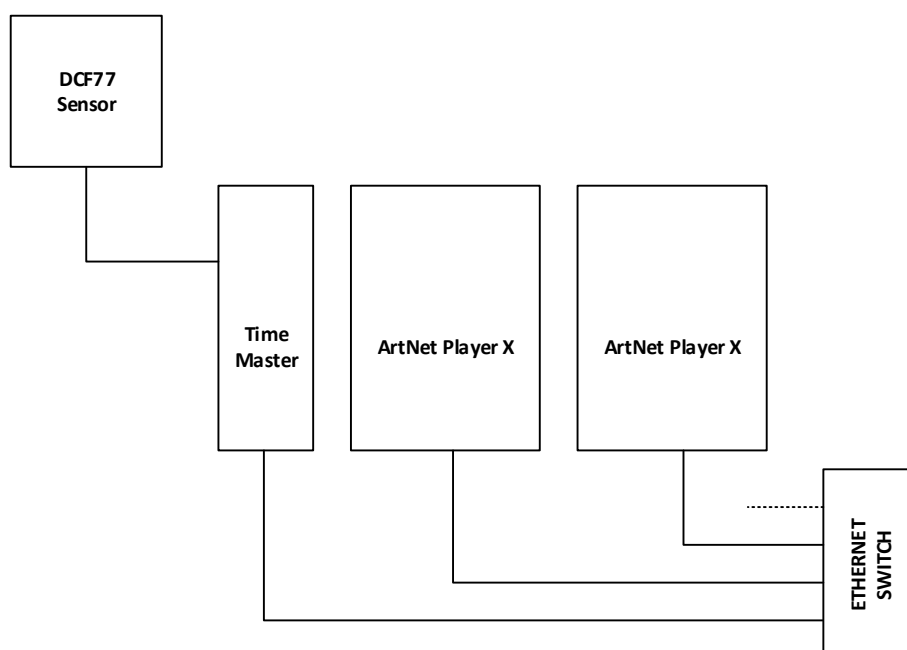
Set time via DCF77 time signal

The internal clock of the ArtNet Player X can be synchronized with the current time via the DC77 time signal. So, an automatic switch between summer and winter time is possible.
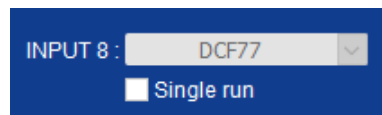
The **DCF77 Key** and the **DCF77 Sensor** are needed (available as equipment).

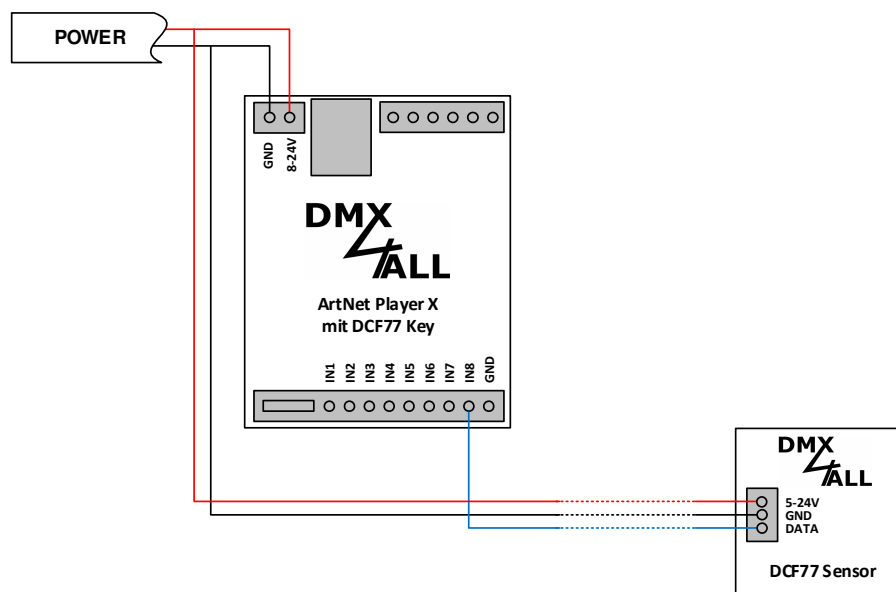The DCF77 Key is plugged on a free TWI connector of the ArtNet Player X.

⚠️ Please ensure, that the DCF77-Key in the correct orientation and in a dead-voltage state.
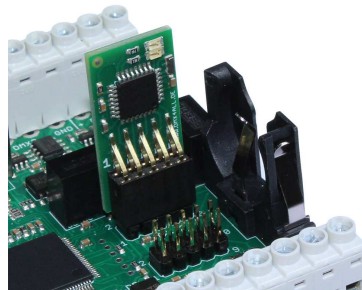
After the DCF77 key is plugged in, input 8 (IN8) is used only for DCF77 reception:

For the DCF77 signal from the DCF77 sensor the IN8 is to connect.

Create timer (Time-Trigger)

Based on the time the ArtNet Player X can start programs.

To do so, timers must be created in the cue list of the DMX Configurator before.

Each entry (cue) in the cue list refers to a program that is started at a specific time (time trigger).

The time trigger consists of the days of the week and the time at which the time trigger should be executed.

Program   Trigger = Time

Weekdays   Time
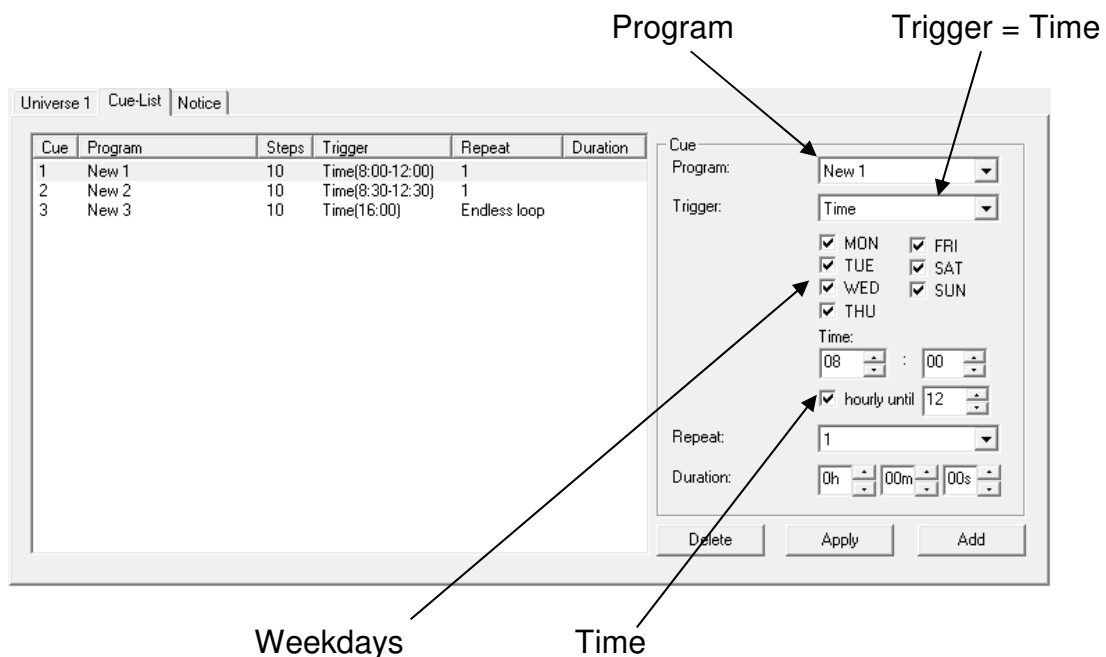
The time is to be specified as a specific time or as time range in which the time trigger starts the program hourly.

For example, in the cue list shown above, the entry Cue2 starts the program New2 at 8:30, 9:30, 10:30, 11:30 and at 12:30 o'clock.

Repeat defines how often the program will be repeated or whether it should be played endlessly. The playback time can also be limited via the period (Duration).

After creating the cue list, it will be exported along with the programs via the export in the *Project→Export→ArtNet Player X* menu for usage in ArtNet Player X.

RGB/RGBW filter

The ArtNet Player X has an RGB or RGBW filter that interprets the output channels as RGB or RGBW channel groups and applies the RGB filter or RGBW filter to them.

The filter is set in the Main Settings → Additional Settings:

Additional Settings

Filter : RGB-Filter
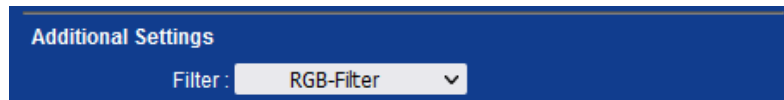
To use the filter, the DMX4ALL commands or a remote option in Personality *Config 2* or *Config 3* can be used.

Start programs via web interface

The programs can be accessed via a separate website.

This website is accessed by clicking on the program button on the service page.
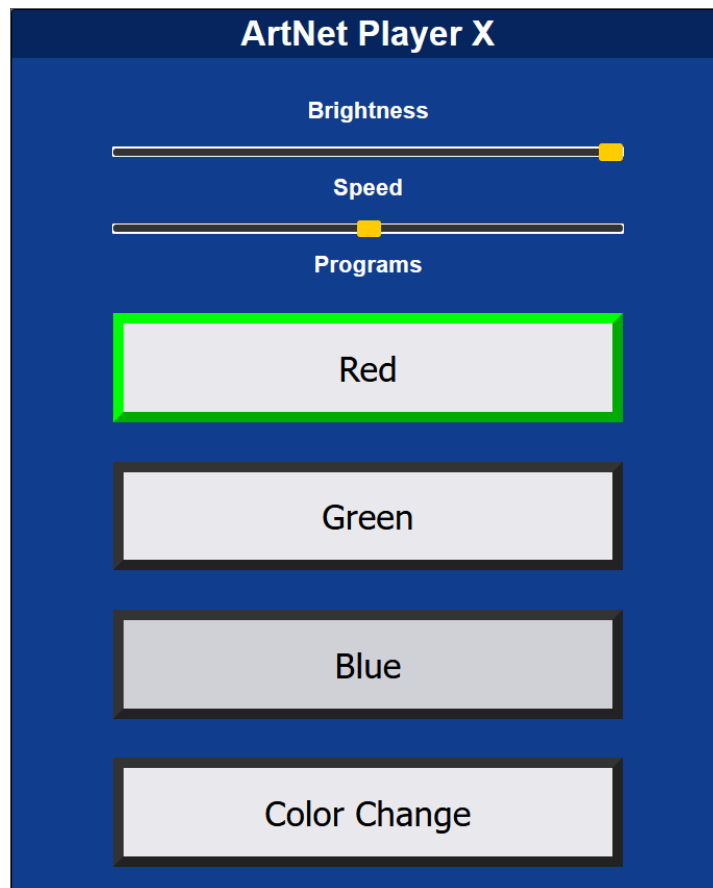
The title is generated based on the short name in the main configuration.

The global brightness can be set using a master dimmer.

Clicking on the individual program button starts the corresponding program. A started program is shown with a green border.

If you click on a started program again, it is paused and shown with a yellow border.

The display of the program buttons is generated automatically according to the existing internal programs. The buttons are named based on the assigned program names.
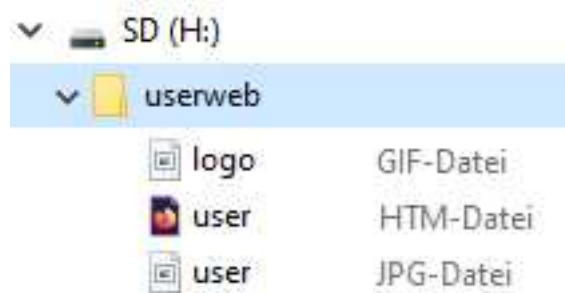
⚠ Remote data (e.g. via DMX) sent to the ArtNet Player X always has priority and input via the program dialog is not possible.
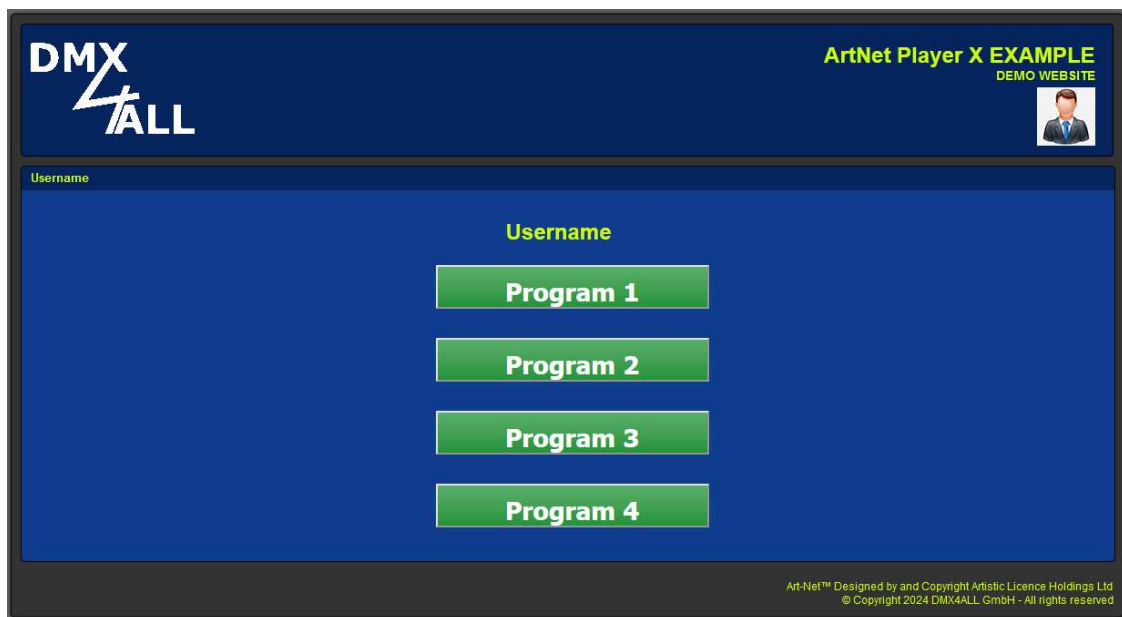
User-Webinterface

The ArtNet Player X16 and ArtNet Player X16+ have the option of storing a freely configurable website on the SD card.

This is stored in a folder on the SD card. In the following example, this is the "userweb" folder.
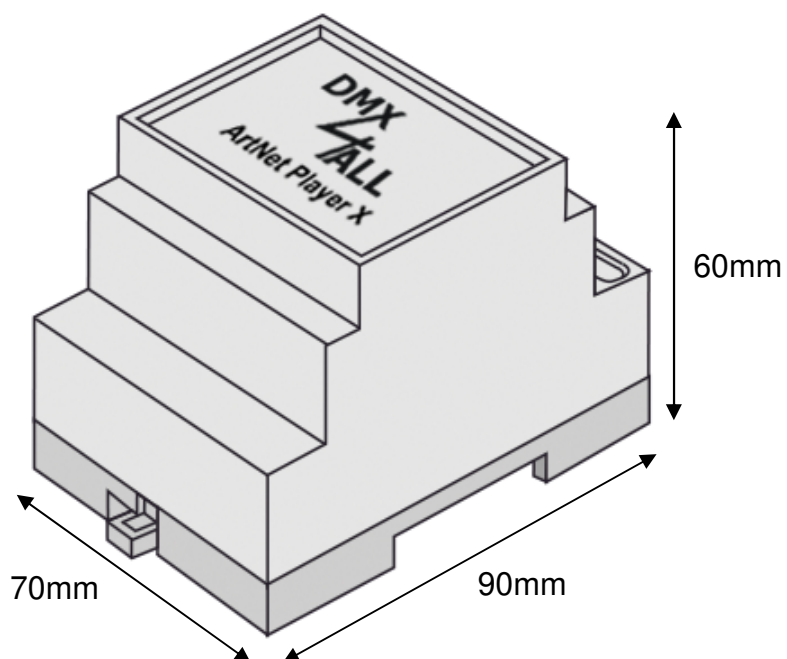

The user website is then accessed via the link:

2.0.0.5/userweb/user.htm

Additional folders can also be created in the user website folder, e.g. for images (/images).

Dimensions

60mm

70mm

90mm

All details in mm

Factory Reset

It is possible to reset the **ArtNet Player X** into the delivery status.

If the Factory-Reset is done via the website, please note that the IP-Address and the subnet mask is reset. It is not always possible to return. Set the IP-Address again if necessary (see *Set the IP with IP-Configurator* or *Set the IP via web browser*).

Restore the delivery conditions via **web browser**:

- Open the service site within the web browser
- Enter the service code „7319"
- Click *Save*
- Subsequently wait minimum 10 seconds

Restore delivery state via the **DMX4ALL LAN** Updater:

- Turn off the device
- Start the software **DMX4ALL LAN-Updater**
- Generate network connection to PC
- Turn on the device
- The RGB LED lights up blue for approx. 3 seconds after the Ethernet connection has been recognized
- During the blue LED lights, press *FIND*
- Select the **ArtNet Player X** from list
- Click **FACTORY RESET**
- The Reset will be executed

Restore the delivery status via **DMX4ALL IP-Configurator**:

- Turn on the device
- Start the software **DMX4ALL IP-Configurator**
- Click *FIND*
- Select the **ArtNet Player X** from list
- Click **FACTORY RESET**
- The Reset will be executed

Execute Firmware-Update

Please proceed as follows:

- Turn off the device
- Start update software **DMX4ALL LAN-Updater**
- Generate network connection to PC
- Turn on the device
- The RGB LED lights up blue for approx. 3 seconds after the Ethernet connection has been recognized
- During the blue LED lights, press **FIND**
- Select **ArtNet Player X** from list within the DMX4ALL LAN-Updater
- Click *Firmware-Update*
- Select and confirm Firmware file (.bin)
- Wait until the update has finished

 If an error occurs during the update you can start the Update again any time.

Alternatively, the Firmware Update can be activated via web browser:

- Open the *Firmware Update* within the web browser
- Enter the code "1379" in the entry field and click *Send*
- Start the **DMX4ALL LAN-Updater**
- Select the **ArtNet Player X** from list within the DMX4ALL LAN-Updater
- Click *Firmware-Update*
- Select the Firmware-Data (.bin) and confirm
- Wait until the Update has finished
- Click *Back* in the web browser

Equipment

Power supply 12V

DCF77 Key
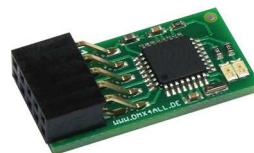
Wall bracket for top hat rail housing
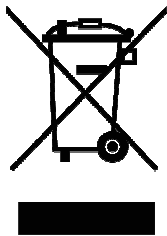
Revision History

Firmware V1.10
-    Add User-Webinterface

CE-Conformity

This assembly (board) is controlled by a microprocessor and uses high frequency. In order to maintain the properties of the module with regard to CE conformity, installation into a closed metal housing in accordance with the EMC directive 2014/30/EU is necessary.

Disposal

Electronical and electronic products must not be disposed in domestic waste. Dispose the product at the end of its service life in accordance with applicable legal regulations. Information on this can be obtained from your local waste disposal company.

Warning

This device is no toy. Keep out of the reach of children. Parents are liable for consequential damages caused by nonobservance for their children.

ArtNet™   is a trade mark of Alderamin Group Ltd. Designed by and Copyright Artistic Licence Holdings Ltd.

Risk-Notes

You purchased a technical product. Conformable to the best available technology the following risks should not excluded:

Failure risk:
The device can drop out partially or completely at any time without warning. To reduce the probability of a failure a redundant system structure is necessary.

Initiation risk:
For the installation of the board, the board must be connected and adjusted to foreign components according to the device paperwork. This work can only be done by qualified personnel, which read the full device paperwork and understand it.

Operating risk:
The Change or the operation under special conditions of the installed systems/components could as well as hidden defects cause to breakdown within the running time.

Misusage risk:
Any nonstandard use could cause incalculable risks and is not allowed.

Warning: It is not allowed to use the device in an operation, where the safety of persons depend on this device.

DMX

®

4ALL

WWW.DMX4ALL.DE

DMX4ALL GmbH
Reiterweg 2A
D-44869 Bochum
Germany

Last changes: 07.11.2024