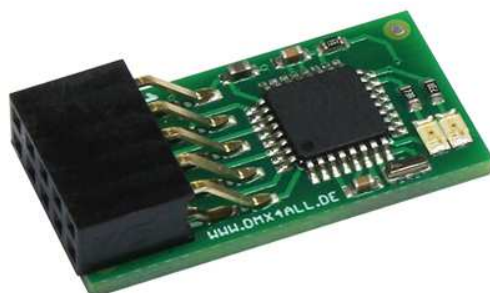# DCF77 Key

User manual

DMX ®

4ALL

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

Description

The DCF77 Key is a component part for the ArtNet Player X and is needed for the analysis of the DCF77 radio clock time signal.

Furthermore, the DCF77 sensor is necessary to receive the DCF77 signal.

With this component the ArtNet Player X receives an exact time signal for execution of stored timers. The change between winter and summer time takes place automatically.

Data sheet

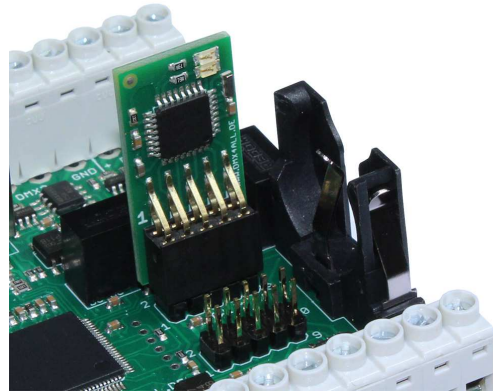|	
Power supply:	5V DC from TWI bus
Bus system:	DMX4ALL TWI
Protocol:	DCF77
Connections:	Female connector 2x5pol 2,54mm
Dimension:	30mm x 15mm

Content

- DCF77 Key
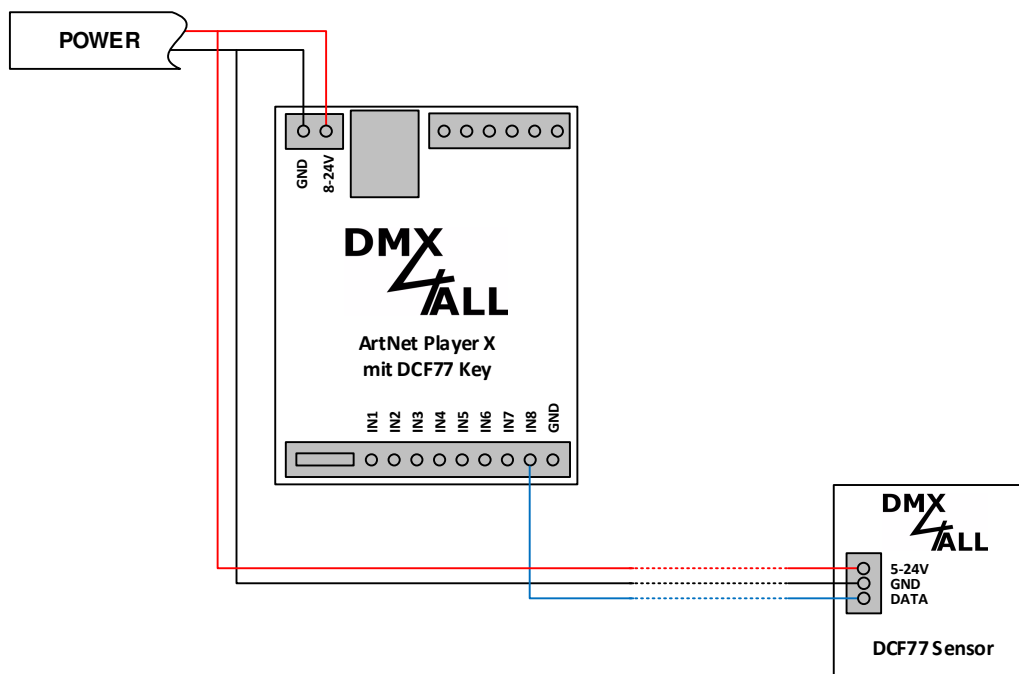- Quick guide (german/english)

Connection

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

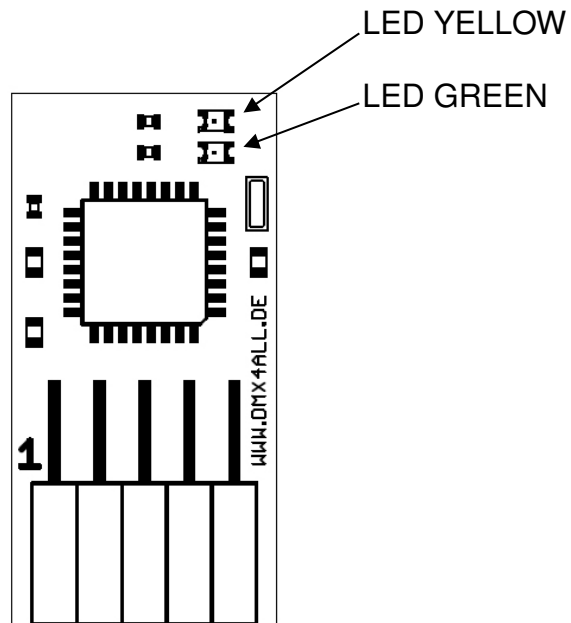⚠ It must be ensured that the DCF77 key is plugged in the correct orientation and in a dead voltage condition.

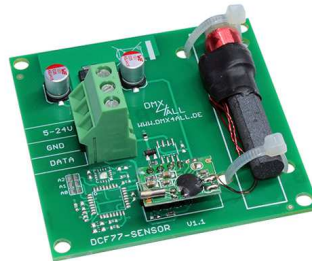The DCF77 signal from the DCF77 sensor must be connected to IN8.

LED Display

The DCF77 Key has 2 LEDs for status display.

LED YELLOW

LED GREEN

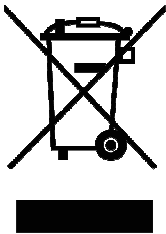|	
YELLOW flashes	Signal changes at the DCF77 signal are detected
GREEN permanently on	The DCF77 signal is received
GREEN permanently off	The DCF77 signal the signal was not detected or it contains reception errors

Accessories

DCF77 Sensor

ArtNet Player X

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.

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.

DMX4ALL

®

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