

Promote
yourself



#TheJCD

The missing link between projectors
and interactive IoT systems.

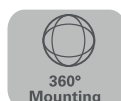
More control for your show! #TheJCD is the device control from operators for operators!
#TheJCD is an add-on product for major brand projectors, that functions as an overall control interface and provides advanced creative tools.

Through this interface most of the commands that usually require the RS232 can be controlled by various modern protocols: Art-Net™, DMX512, OSC, MQTT. Apart from basic commands for projectors with motor driven lenses, the control possibilities include, but are not limited to: absolute focus and zoom, lens memory, shutter and (for laser projectors) brightness control; in combination with the dynamic projection this opens a wide range of new creative possibilities.

#TheJCD is a hardware solution to control all projections for events and fixed installations in a simple, intuitive, fast and reliable way.

#TheJCD offers reliable show performance. Whether you occasionally supervise a show or are a full professional – #TheJCD makes you and your show better and more reliable.

Turn your projector into a smart projector!



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You need #TheJCD when you...
... want to control projectors with your:

- Smartphone
(Push the shutter or turn the projector on / off with your mobile phone)
- Favorite browser (web interface)
- Art-Net™ (DMX512) light desk
- Arduino / ESP32 / ESP8266 / STM32 - platform
- IoT (Internet of Things) application
- MQTT network interface for easy IoT integration

... or wanna have:

- Absolute zoom and focus control with lens memory.
(Absolute zoom & focus control for projectors with motorized lenses*)
- Time scheduler for projectors and other MQTT able devices.
- WiFi access point / hotspot
- Integrated Art-Net™ analyzer

(*) functionality depends on projector.



Hardware Specification



- Quad-Core 64bit CPU
- Integrated WiFi (hotspot)
- Micro USB power socket
- RJ45 network connector
- 4x USB 2.0 connectors
- USB to RS232 converter cable
- RS232 nullmodem gender changer
- External Powersupply 100 – 240V; 2,5A / 5V

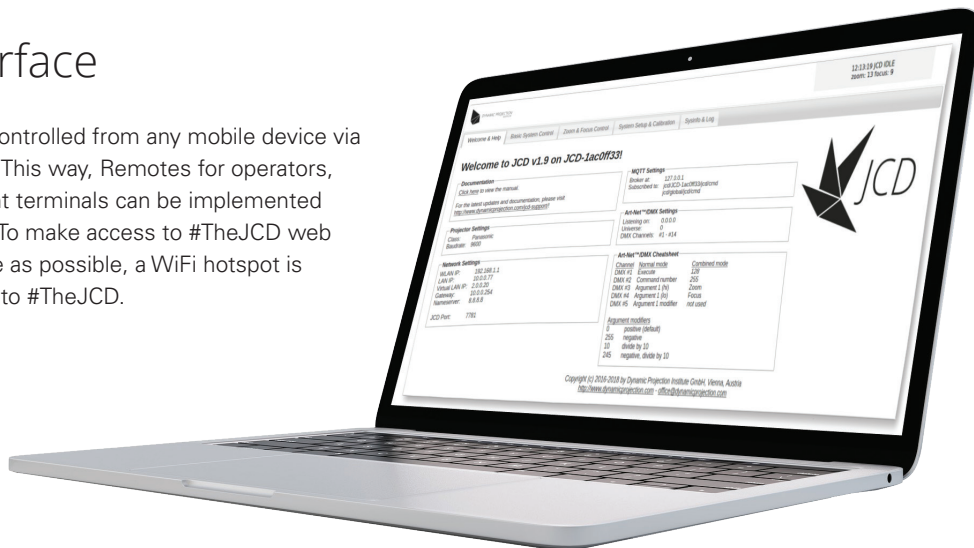


World-Expo 2017, Astana by REVERIE Trading Group LTD, Latvia

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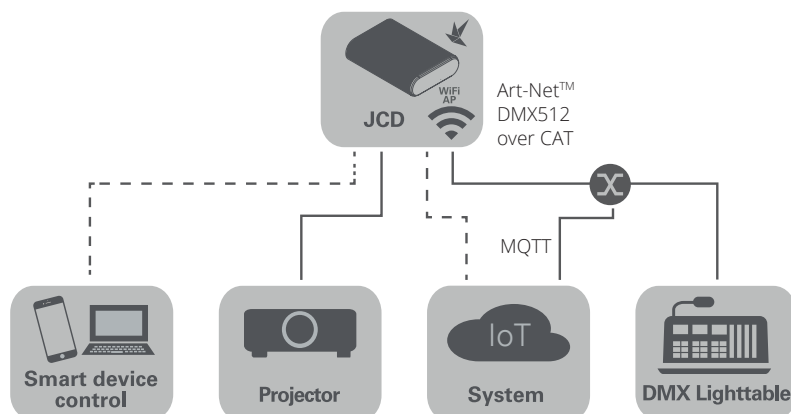
Web Interface

#TheJCD can be controlled from any mobile device via the web interface. This way, Remotes for operators, presenters or client terminals can be implemented quickly and easily. To make access to #TheJCD web interface as simple as possible, a WiFi hotspot is already included into #TheJCD.



IoT (Internet of Things) & MQTT (Message Queue Telemetry Transport)

Objects become more and more intelligent and communicate via the internet. Big players like Google or Apple develop networkable products for smooth production flow. Examples for non-professional or home use are temperature detectors or light (dimming) systems. To communicate with each other, these devices need a converter (control interface) like #TheJCD to translate diverse protocols and overcome different transmission media. A WiFi integrated hotspot supports communication and controlling between smart devices, projectors or DMX Lightdesks to prepare shows easily. MQTT is a machine-to-machine (M2M) / "Internet of Things" connectivity protocol.



Art-Net™ / DMX512

Art-Net™ is a simple implementation of the DMX512-A protocol over UDP in which lighting control information is conveyed in IP packets, typically on a private local area network such as Ethernet.

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Why #TheJCD?

1) Controlling all popular Projectors:

#TheJCD provides easy and fast control for all common projectors from event, show and presentation – this way complex systems can also be addressed without extensive prior knowledge.

2) Quick setup with an intuitive operating concept:

While you are still busy embedding devices with any other media control, with #TheJCD you have already set up an entire show. #TheJCD provides you with an intuitive interface to control your projection, which you can also customize during rehearsals and the show itself easily.

For a quick start, we have prepared a number of videos, so you can master the basic functions of the #TheJCD in just a few minutes. Simply start watching and get started with your first JCD project.

LINK TO SUPPORT PAGE

<http://www.dynamicprojection.com/jcd-support/>

LINK TO TRAININGS CHANNEL

<http://www.dynamicprojection.com/training>

3) Remoting via web interface:

#TheJCD can be controlled from any mobile device via the web interfaces. This way, remote control for operators, presenters or client terminals can be implemented quickly and easily.

4) From operators for operators:

#TheJCD has been developed by operators. Therefore, all functions and operating concepts originate from real events and requirements and were tested in reality.

5) Excellent support:

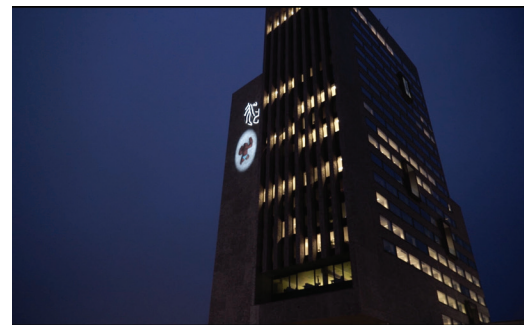
#TheJCD support team stays in close contact with many of our clients and supports them during complex projects. These experiences flow directly into the troubleshooting and the further development of the #TheJCD.

6) Outstanding value for your money:

No other media control for projectors on the market provides better range for money, performance, flexibility and efficiency than #TheJCD. Even untrained operators will be able to program their first show with #TheJCD within 10 minutes.

7) Ideal for fixed installations:

#TheJCD offers a variety of tools, to simplify the integration of multimedia shows and special exhibits in fixed installations. These include timers for devices, events, process monitoring and much more...



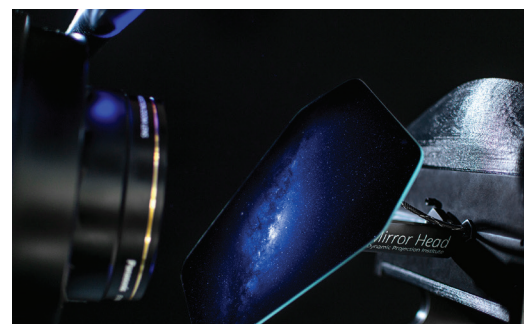
King Sprong by Skullmapping – Lightfestival Gent, 2018



Pioneers by Habegger Austria GmbH – Vienna 2017



Electric Gondolas by 4youreye – Lech 2017



Mirror Head MH14 / Zoom and Focus control