



OEM COOPERATION

2025/26

CONTROLLERS

FOR BOILERS AND RECUPERATORS

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Welcome to Dk System

This brochure has been prepared for manufacturers of heating and ventilation devices who are looking not just for a controller supplier, but above all for a reliable technology partner.

We are a Polish manufacturer of electronics for intelligent energy management in **HVAC** systems. We produce controllers for boilers, recuperators, ventilation, renewable energy, heating installations, and pump protection systems.

Discover what we can offer and why partnering with us is the right choice.



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Mission



Our mission is to deliver comprehensive electronics solutions, thereby supporting the growth of your business.

We provide fully customized OEM solutions tailored for manufacturers and distributors of devices.

Your idea – our implementation

From concept, through design, production, and assembly, to logistics and service, at DK SYSTEM we handle your product comprehensively, all under one roof. We combine modern design, precise electronics, innovative software, and efficient production processes, ensuring full quality control at every stage.

This way, your project takes tangible shape quickly, safely, and efficiently.



Design & Prototypes

We create modern designs, ergonomic enclosures, and prototypes ready for testing.



Molds & Components

We design and manufacture injection molds and plastic components for serial production.



Electronics & Software

We design electronic systems and dedicated software—from simple solutions to advanced systems.



What sets us apart

We focus on collaboration, business partnership, and the development of fully customized products—both in terms of design and software. This is our promise and our market advantage.



Production & Assembly

We perform **SMD** and **THT** assembly, assemble complete devices, and prepare them for market launch.



Testing & Certification

We ensure **EU compliance**, testing, CE certification, and user safety.



Logistics & Service

We take care of **on-time deliveries** and also offer warranty and post-warranty service.



Have an idea? We will bring it to life!

You can use our ready-made solutions and molds—we will adapt the design, add your logo, and make any modifications according to your brand's requirements.



Your partner in **OEM controller design** and manufacturing.



Collaboration with DK System

Why us?



Working with DK System means partnering with a team that understands your technology, knows the market, and provides comprehensive project execution all under one roof.

Here are the 3 pillars that support every implementation:



Ready-made solutions that you can customize

We offer proven, modern controllers—ready to be integrated into your devices. We can tailor the interface, functionality, and branding to your needs. This saves time and resources while keeping full control over the final result.



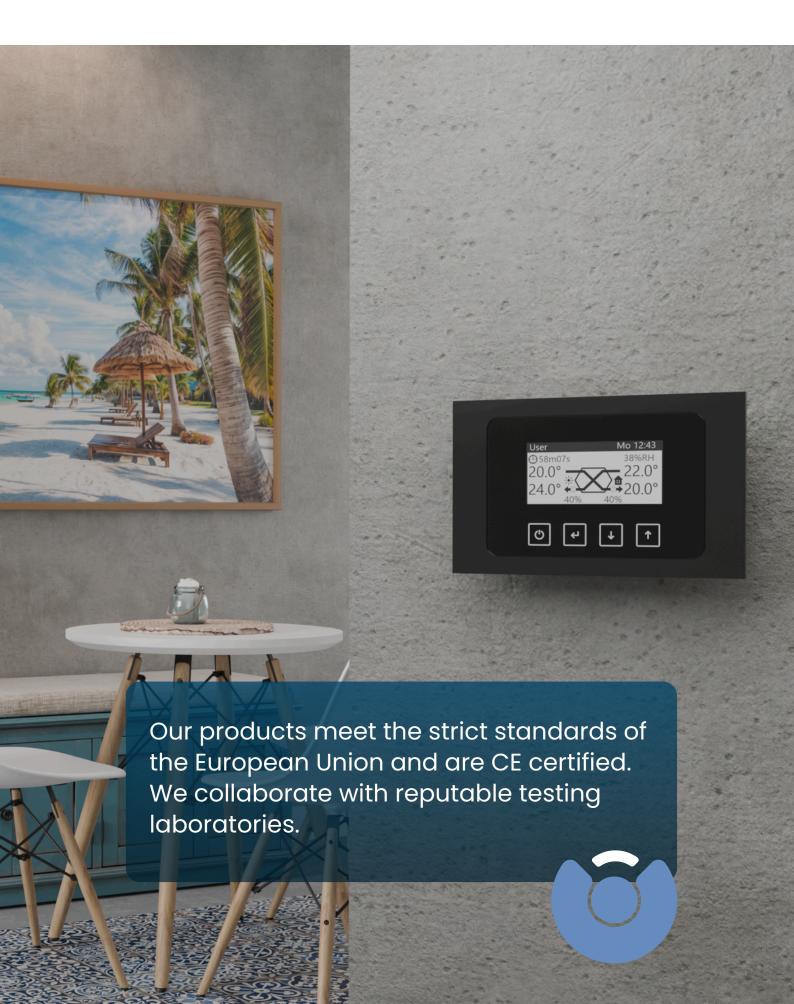
Production under full control

From electronics, through enclosures, to software—we create everything in our own facility in Poland. This allows us to manage quality, deadlines, and costs. It also guarantees flexibility—you can develop new projects with us and respond to market needs in real time.



A technology partner, not just a contractor

We do more than execute orders—we provide guidance, suggest improvements, and support you at every stage. We are a team of engineers who know heating devices and understand your customers.



Pellet Pro 7 Touch

Pellet boiler regulator

Modern, touchscreen, ready to use—but fully adaptable to your needs.

Pellet Pro 7 is the reliable heart of your boiler, customizable to your technology, functionality, and brand.

The PELLET PRO 7 TOUCH controller is a technologically advanced solution designed for modern pellet boilers. It manages boiler operation based on external temperature, ensuring efficiency, thermal comfort, and low fuel consumption.

This is reliable technology that combines functionality, intuitive operation, and the possibility of integration with central heating and domestic hot water systems.

Equipped with a 7" touchscreen panel and remote management capability via the internet (when connected to the E-Modul24 gateway), the PELLET PRO 7 TOUCH enhances the prestige of your offering and distinguishes your product on the market.

Modern pellet boiler control designed with your customers and your brand in mind.

User manual: https://dksystem.pl/download/IO-PELLET-PRO7.pdf
Function description: https://www.dksystem.pl/produkty/do-kotlow/na-pellet/pellet-pro-7-touch/



MAIN FEATURES OF THE REGULATOR

- 7-inch capacitive touchscreen
- Control of igniter, fan, feeder, and multiple temperature sensors
- Expandable to manage buffer tanks, domestic hot water, and mixing valves
- Combustion optimization and power modulation algorithms
- Support for lambda probe and flue gas temperature sensor
- Remote access via the Internet (optional WiFi/LAN module)
- Interface available in up to 6 languages

PERSONALIZATION FOR THE **MANUFACTURER**

- Possibility of placing the customer's logo on the screen and housing
- Functionality and interface can be customized to meet individual requirements
- Possibility of using a 4" panel as a cheaper alternative

PELLET PRO 4 TOUCH

The Pellet Pro 4 Touch is a compact version of our flagship controller - ideal for producers looking for a proven solution in a more economical form, without sacrificing key features.







MiniMatic

Recuperator Controller

Designed with comfort and energy efficiency in mind, MiniMatic manages the operation of the recuperator, ensuring fresh air, optimal parameters, and the safety of the entire installation.

It allows control of fan power, bypass operation in several modes, preheater control, exchanger selection (standard scheduling enthalpy), and including three user-defined schedules.

Thanks to frost protection and the option to connect a ground heat exchanger, it provides year-round comfort, reliability, and energy savings.

User manual: https://dksystem.pl/download/IO-PELLET-PRO7.pdf



REMOTE MANAGEMENT

With the E-Modul24 module, remote monitoring and control of the recuperator is possible from anywhere.

MODERN DESIGN

with its design but also makes operating the recuperator intuitive and convenient.



DKMATIC

WEATHER CONTROLLER

The DKMATIC is an autonomous weather-based controller. It regulates the circulation with a mixing valve according to the selected heating curve.



MASTER 600

BOILER CONTROLLER WITH FEEDER

The Master 600 is designed to control a boiler with automatic fuel feeding, central heating pump, domestic hot water pump, second-circuit pump, circulation pump, and a 3- or 4way valve in central heating installations.



EKOSOL 500

SOLAR CONTROLLER

The EKOSOL 500 solar controller is designed to manage the pumps of a solar system (and optionally other devices) to ensure an efficient and economical process for charging domestic hot water heaters.



E-MODUŁ24

INTERNET MODULE

The E-Modul24 internet module enables communication between selected DK System controllers and an online server.

4 STEPS TO SHARED SUCCESS

The path of our cooperation

Working with DK SYSTEM is a transparent and proven process.

Together, we define the goals and scope of the project, and then we handle its comprehensive implementation – both technically and logistically.

You focus on your product – we take care of the rest.

CONSULTATION & NEEDS ANALYSIS

We get to know your device, user expectations, and technical requirements. We provide guidance on selecting functionalities, components, and technologies.

PROJECT & PROTOTYPE

and certification.

PRODUCTION & IMPLEMENTATION

part manufacturing, testing, EMC studies,

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LOGISTICS & SERVICE

We deliver finished devices on time. We provide warehousing, transport, warranty service, and technical support.



TECHNICAL SUPPORT

We offer technical assistance, manuals, and all necessary technical materials.

DOCUMENTATION

Catalogs, manuals, and marketing materials will be provided by DK SYSTEM at the request of the client.



Let's create your new controller together! We look forward to hearing from you.



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