

NETIO PowerBOX 3Px

NETIO PowerBOX 3Px is a power socket device with 3 outputs controlled over a LAN. Each output can be switched off and on over the web, the NETIO cloud service, or with a mobile app.

Open API enables integration into 3rd party systems using a wide range of protocols (http JSON, Modbus/TCP, SNMP, MQTT, Telnet, ...).

- 3x output (electrical socket)
- Each output can be switched on and off
- LAN (Ethernet)

- Open API (10 protocols, M2M API)
- ZVS – Zero Voltage Switching
- Service: NETIO Cloud
- Mobile application: NETIO Mobile2



Each of the three power sockets can be independently controlled from the product web interface (switched off/on or power-cycled). To switch the outputs on in a sequence, a power-up delay interval can be configured for each output.

The NETIO Mobile2 app controls each output individually over LAN (local network) or NETIO Cloud.

NETIO Cloud is a SSL-secured service for controlling the outputs from anywhere (Web or Cloud API).

Open API allows controlling the outputs over the network using various protocols (http XML/JSON, Modbus/TCP, MQTT, SNMP, Telnet and more...).

AV drivers make it easy to connect NETIO sockets to professional Audio/Video systems such as Neets, Crestron, Control4 and more.

The Scheduler function switches outputs on and off at configured times. It works locally, even without Internet connection.



UK
3PG



FR
3PE



DE
3PF



Energy savings



Remote switching off/on or power cycling of electrical sockets



Restart over the Web



Mobile app (LAN/Cloud)



Central web interface (NETIO Cloud)



Configurable sequence for switching sockets on after power-up



Drivers for AV media/installations (Neets, Crestron, Control4, ...)

FEATURES

- 3x output (electrical socket)
 - Each output can be switched on / off
 - Methods for controlling each output
 - WEB browser
 - Mobile App (NETIO Mobile 2)
 - Open API (10 protocols)
 - NETIO Cloud
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- **NETIO Mobile2:** Mobile app
 - **NETIO Cloud:** Paid service
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- **ZVS** (Zero Voltage Switching): The relay is switched when the voltage crosses zero. This reduces relay wear and allows switching devices with a high inrush current.
 - **PowerUp State:** Default output state (On/Off/Last state)
 - **PowerUp Delay:** Delay before switching the output on
 - **IOC** (Independent Output Control) – output state is unaffected by firmware update
 - **Scheduler function:** Each output can be switched according to its time schedule (calendar)

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- **Open API (protocols)**
 - JSON over http
 - Modbus/TCP
 - MQTT-flex
 - Telnet
 - SNMP (SNMP v1/v3)
 - XML over http
 - URL API – http get
 - HTTP Push JSON / XML

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- Supported protocols: http, DNS, NTP, uPNP, DHCP, ICMP, TCP/IP

SUPPORT FOR USERS AND DEVELOPERS

- **NETIO Wiki** – library for developers
- **ANxx** (Application Notes) with examples
- **NETIO Drivers** – for AV systems

SPECIFICATIONS

3Px PRODUCT MODELS

- **PowerBOX 3PF:**
3x Type F (Schuko) socket/Max 16A (per output)
- **PowerBOX 3PE:**
3x Type E (FR) socket Max 16A (per output)
- **PowerBOX 3PG:**
3x Type G (UK) socket/Max 13A (per output)

POWER

- Power input: Electrical plug + 1.6m cable (Max 16A)
- Power output: 3x electrical socket
- Each output: On/Off (SPST-NO relay, IOC)
- **ZVS** (Zero Voltage Switching): Yes
- Internal consumption: 1-2W

INTERFACE

- LAN 10/100 Mbps (RJ45)
- LED indicators in the RJ45 jack

ELECTRICAL MEASUREMENTS

- Supports electrical measurements: No

PACKAGE CONTENTS

- NETIO PowerBOX 3Px
- QIG (printed Quick Installation Guide)

DIMENSIONS / WEIGHT

- PowerPOX 3Px: 320 x 62 x 62 mm/0.9 kg
- Package: 390 x 73 x 204 mm/1.15 kg
- Wall mount bracket MK1 - as optional accessory

OPERATING CONDITIONS

- Temperature: -20 °C to +65 °C
- For indoor use only (IP30)

STANDARDS: 1999/5/EC, 2006/95/EC, EN 60950-1, EN 62368 EN 60950-1, EN 62368, EN 50581:2012, EN 50581: 2012

NETIO PowerBOX 3PF Electrical sockets controlled over a LAN. 3 outputs of Type F (Schuko) 230V/16A, used in most of Europe.

NETIO PowerBOX 3PE Electrical sockets controlled over a LAN. 3 outputs of Type E (FR) 230V/16A, used in France, CZ, SK, PL.

NETIO PowerBOX 3PG Electrical sockets controlled over a LAN. 3 outputs of Type G (UK) 230V/13A, used in UK and Ireland.

NETIO MK1 PowerBOX Set of two brackets for mounting a PowerBOX 3Px product on a wall.