

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

- PowerBOX 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.