BYOD-DYSXQ-8RN

100~240V 1U 8-waypower sequencer with UDP/RS232 control



Description

This machine is a compact and powerful intelligent timepiece with DSP as the processor Sequencer, it integrates the functions of a variety of conventional products in a box with a height of only 1U rack, can support the RS232, UDP and push buttons control.



Features

- 8 Controllable Power Outputs & 2 Constant Power Outputs
- 5V USB Power Output
- Triple Control Modes (RS-232, UDP, & Front-Panel Buttons)
- Customizable Channel Delay (Up to 999 Seconds per Channel)
- PC Software Control Support

Specifications

Technical	
Rated output voltage	110~260V, 50Hz
Controlled ports	8*channels on the back, 2 pass-through on the front
Power supply	110~260V 50/60Hz, 30A
Per channel output current	13A
Rated output current	30A
Weight	4kg
Dimension(mm)	Product: 482*240*55
	Packing: 536*410*80

Control Protocols

Network Control

- DefaultIP: 192.168.0.180
- UDPPort:20108(default)

RS232 Communication Protocol

- Connection: straight cable or USB-to-RS232 adapter
- Parameters: baudrate9600, data bits 8, stop bits 1, parity none

Control Commands

COMMAND CODE	DESCRIPTION
55 01 00 0D F0 AA	Address 1: Sequential ON
55 01 00 0D F1 AA	Address 1: Sequential OFF
55 01 00 01 F0 AA	Address 1: CH1 ON
55 01 00 01 F1 AA	Address 1: CH1 OFF
55 01 00 02 F0 AA	Address 1: CH2 ON
55 01 00 02 F1 AA	Address 1: CH2 OFF
55 01 00 03 F0 AA	Address 1: CH3 ON
55 01 00 03 F1 AA	Address 1: CH3 OFF
55 01 00 04 F0 AA	Address 1: CH4 ON
55 01 00 04 F1 AA	Address 1: CH4 OFF
55 01 00 05 F0 AA	Address 1: CH5 ON
55 01 00 05 F1 AA	Address 1: CH5 OFF
55 01 00 06 F0 AA	Address 1: CH6 ON
55 01 00 06 F1 AA	Address 1: CH6 OFF
55 01 00 07 F0 AA	Address 1: CH7 ON
55 01 00 07 F1 AA	Address 1: CH7 OFF
55 01 00 08 F0 AA	Address 1: CH8 ON
55 01 00 08 F1 AA	Address 1: CH8 OFF
55 02 00 08 F2 AA	Set device address to 2
55 03 00 08 F2 AA	Set device address to 3

All 8 Channels ON/OFF delay 1s command:

8 channels ON with 1s delay commands: 5A A5 35 4F 01 2B 30 30 32 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 AA
8 channels OFF with 1s delay commands: 5A A5 35 4F 01 2B 30 30 32 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 AA
Command head: 5A A5 35 4F 01 2B
Command ending: AA

COMMAND CODE	DESCRIPTION
Channel 2 ON delay 5s command: 5A A5 35 4F 01 2B 30 30 31 30 30 35 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 AA	Channel 2 power ON with delay 5s, and the rest channels ON/OFF remain 1s delay.
Channel 2 ON delay 120s command: 5A A5 35 4F 01 2B 30 30 31 31 32 30 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 AA	Channel 2 power ON with delay 120s, and the rest channels ON/OFF remain 1s delay.
Channel 5 OFF delay 5s command: 5A A5 35 4F 01 2B 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 35 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 AA	Channel 5 power OFF with delay 5s, and the rest channels ON/OFF remain 1s delay.[cit
Channel 5 OFF delay 90s command: 5A A5 35 4F 01 2B 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 31 30 30 33 30 33 39 30 30 30 31 30 30 30 31 AA	Channel 5 power OFF with delay 90s, and the rest channels ON/OFF remain 1s delay.

Notes

For third-party control, the front-panel BYPASS indicator must be OFF.
When modifying the device address, connect only one device to avoid changing addresses of multiple units.

PC or APP controls are available:

