

# USER MANUAL

## Bravo 16ch DMX Controller

### DESCRIPTION

#### 1. Features

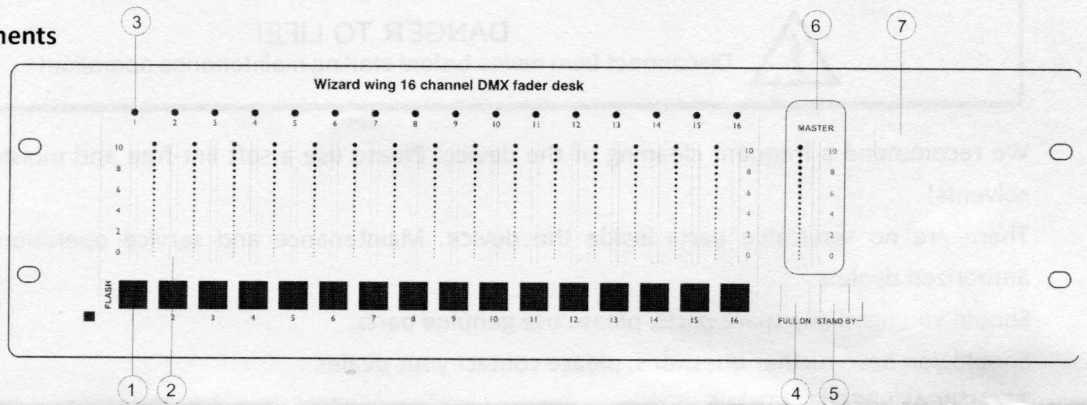
16-channel DMX-faderdesk

- 19" housing
- Master-control
- Flash-buttons per channel
- Full On and Stand By function

#### 2. Overview

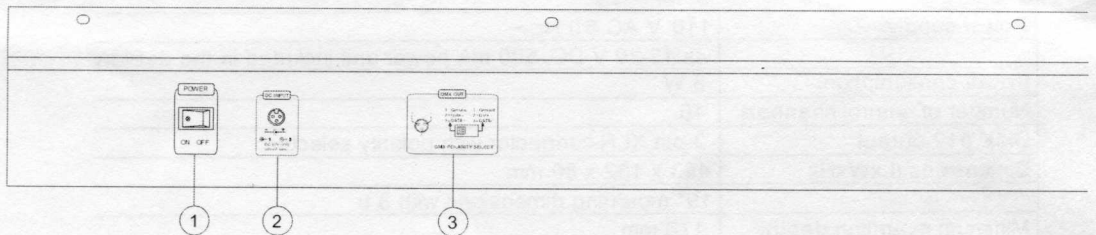
Overview on the control elements

1. FLASH-BUTTONS
2. CHANNEL FADERS
3. KANAL-LEDs
4. FULL ON-BUTTON
5. STANDBY-BUTTON
6. MASTER FADER
7. DISPLAY



Rear panel:

1. POWER SWITCH
2. DC IN SOCKET
3. DMX OUTPUT SOCKET



### SETUP

#### 1. Installation

Install the device on a plane surface or install it in rack.


Rack-installation: This device is built for 19" racks (483 mm). The rack you use should be a Double-Door-Rack where you can open the frontpanel and the rear panel. The rack should be provided with a cooling fan. When mounting the controller into the rack, please make sure that there is enough space around the device so that the heated air can be passed on. Steady overheating will damage your device.

You can fix the controller with four screws M6 in the rack.


Connect the connection cable of the power-unit with the DC IN-socket. Plug the power unit into your outlet.

#### 2. Connection with the dimmerpacks

DMX-512:



The wires must not come into contact with each other, otherwise the fixtures will not work at all, or will not work properly.



Only use a stereo shielded cable and 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

Building a serial DMX-chain:

Connect the DMX-output of the WIZARD Wing with the DMX-input of the nearest dimmer pack. Always connect one output with the input of the next fixture until all fixtures are connected.

Caution: At the last fixture, the DMX-cable has to be terminated with a terminator. Solder a 120 Ω resistor between Signal (?) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.

## OPERATION

After you connected the device to the mains, the WIZARD Wing is ready for use. Switch the device on via the Power-switch.

With the master fader, you can adjust the total light output of all channels (0-100%).

You can dim the individual channels via the channel-faders Channel 1-16.

## PROBLEM CHART

PROBLEM	CAUSE	REMEDY
No power.	The power unit is not connected.	Check the connection cable of the power unit and any extension-cables.
No signal output.	Standby-mode activated.	Switch off blackout by pressing the Blackout-button.

## CLEANING AND MAINTENANCE



### DANGER TO LIFE!

Disconnect from mains before starting maintenance operation!

We recommend a frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

There are no servicable parts inside the device. Maintenance and service operations are only to be carried out by authorized dealers.

Should you need any spare parts, please use genuine parts.

Should you have further questions, please contact your dealer.

## TECHNICAL SPECIFICATIONS

Power supply:	110 V AC, 60 Hz ~ via 12-20 V DC, 500 mA power unit included in the delivery
Power consumption:	6 W
Number of control-channels:	16
DMX 512-output:	3-pin XLR-connector with polarity selector
Dimensions (LxWxH):	483 x 132 x 80 mm 19" mounting dimensions with 3 u
Minimum mounting depth:	170 mm
Weight:	2.5 kg

