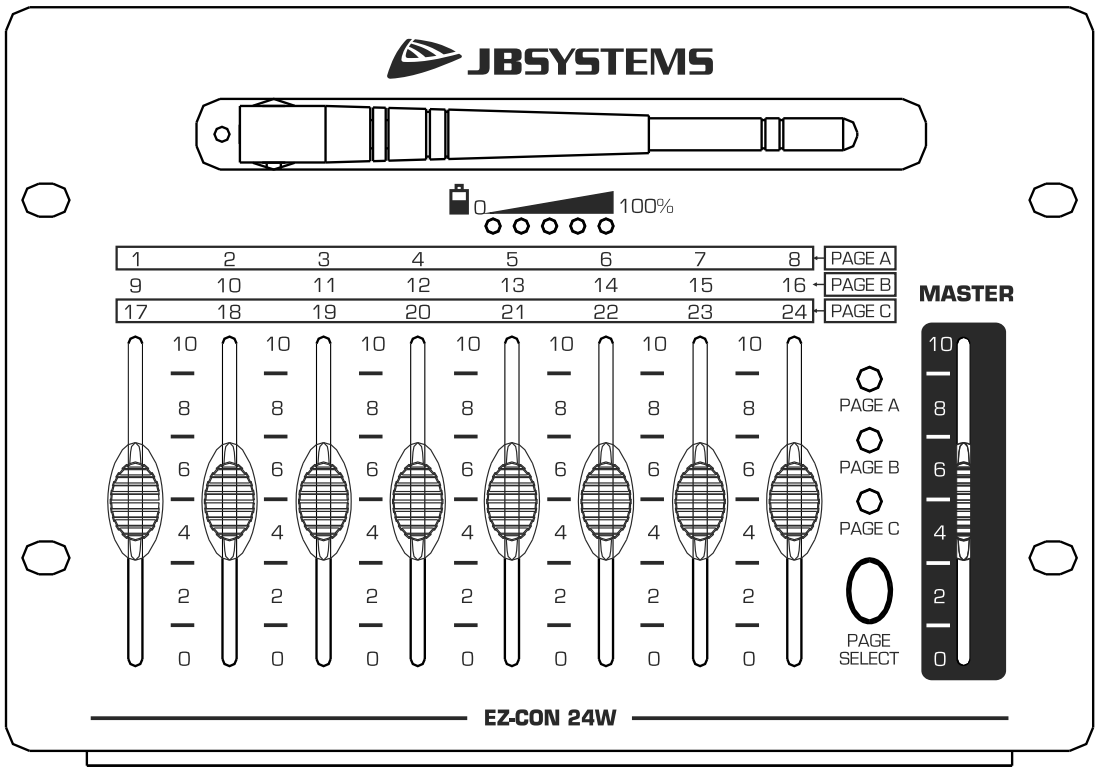
EZ-CON 24W



ENGLISH

Operation Manual

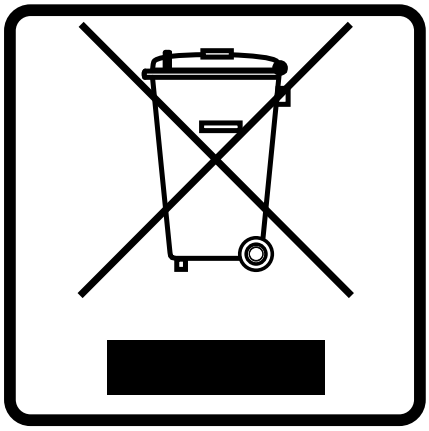
Other languages can be downloaded from:
WWW.JB-SYSTEMS.EU

CE

Version: 1.0

JBSYSTEMS





EN - DISPOSAL OF THE DEVICE
Dispose of the unit and used batteries in an environment friendly manner according to your country regulations.

FR - DÉCLASSER L'APPAREIL
Débarrassez-vous de l'appareil et des piles usagées de manière écologique
Conformément aux dispositions légales de votre pays.

NL - VERWIJDEREN VAN HET APPARAAT
Verwijder het toestel en de gebruikte batterijen op een milieuvriendelijke manier conform de in uw land geldende voorschriften.

DU - ENTSORGUNG DES GERÄTS
Entsorgen Sie das Gerät und die Batterien auf umweltfreundliche Art und Weise gemäß den Vorschriften Ihres Landes.

ES - DESHACERSE DEL APARATO
Reciclar el aparato y pilas usadas de forma ecologica conforme a las disposiciones legales de su pais.

PT - COMO DESFAZER-SE DA UNIDADE
Tente reciclar a unidade e as pilhas usadas respeitando o ambiente e em conformidade com as normas vigentes no seu país.

OPERATION MANUAL

Thank you for buying this JB Systems® product. To take full advantage of all possibilities, please read these operating instructions very carefully.

FEATURES

- The EZ-CON 24W is a compact yet versatile, user friendly controller with wireless DMX and battery!
- Ideal to use in combination with wireless DMX and battery based devices. NO CABLES NEEDED!
- For all kinds of applications on stage, DJ, exhibition booths, …
- 24 DMX channels over 8 faders and 3 pages
- Over 10 hours of autonomy with a full charged battery.
- Compatible with “Wireless Solution” W-DMX™ protocol.
- Wireless and wired DMX output can work simultaneously.
- No external power adapters thanks to the build in power supply!

BEFORE USE

Check the contents:

Check that the carton contains the following items:

- EZ-CON 24W unit.
- Power cable
- User manual

Some important instructions:

- Before you start using this unit, please check if there’s no transportation damage. Should there be any, do not use the device and consult your dealer first.
- **Important:** This device left our factory in perfect condition and well packaged. It is absolutely necessary for the user to strictly follow the safety instructions and warnings in this user manual. Any damage caused by mishandling is not subject to warranty. The dealer will not accept responsibility for any resulting defects or problems caused by disregarding this user manual.
- Keep this booklet in a safe place for future consultation. If you sell the fixture, be sure to add this user manual.
- To protect the environment, please try to recycle the packing material as much as possible.

SAFETY INSTRUCTIONS:







CAUTION: To reduce the risk of electric shock, do not remove the top cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the use or the presence of un-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.



This symbol means: indoor use only



This symbol means: Read instructions



This symbol means: Lamp Control Gear



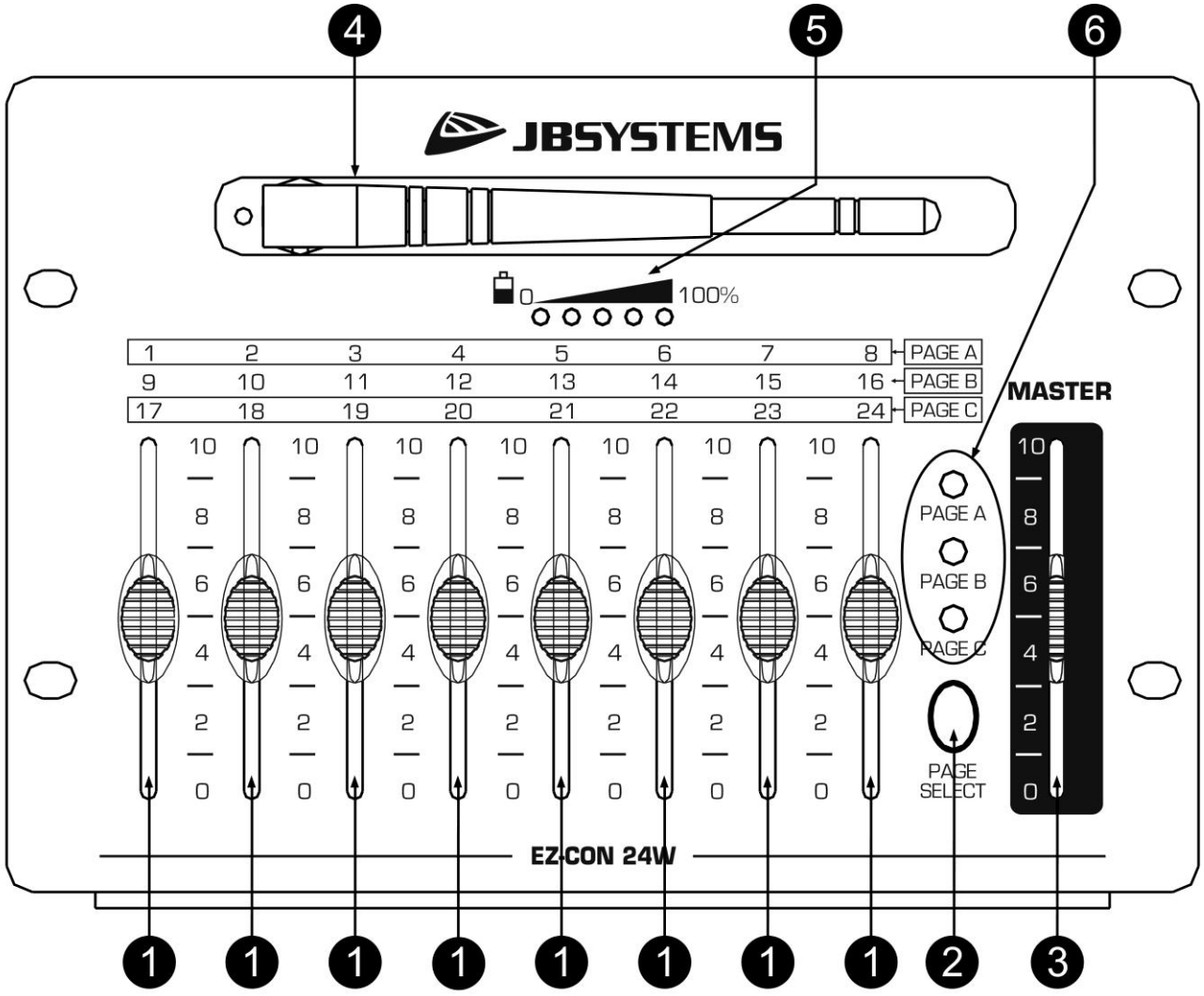
The device is suitable for mounting on standard flammable surfaces. Standard flammable surfaces include building materials such as wood and wood-based materials more than 2mm thick.

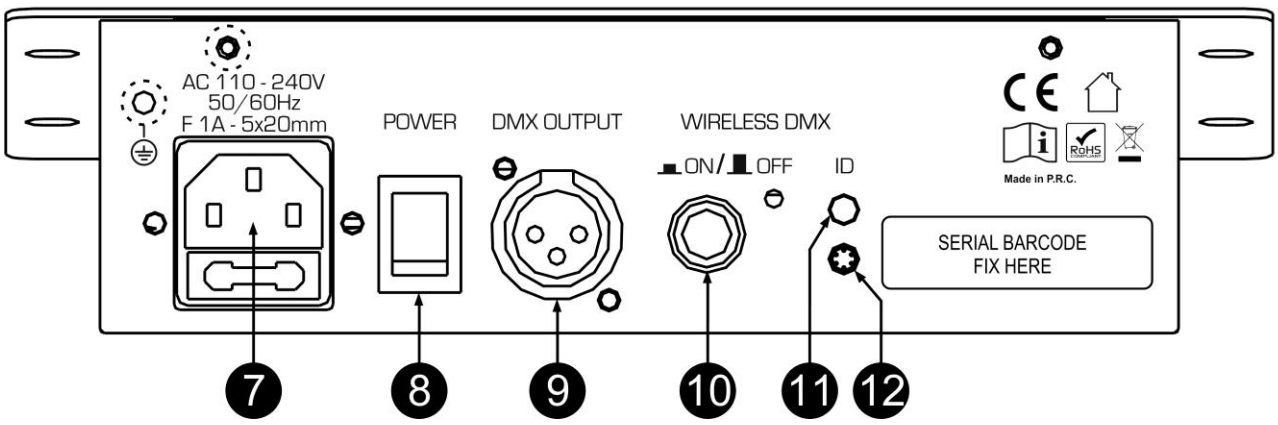
- To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
- To avoid condensation to be formed inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condense sometimes prevents the unit from working at full performance or may even cause damages.
- This unit is for indoor use only.
- Don’t place metal objects or spill liquid inside the unit. No objects filled with liquids, such as vases, shall be placed on this appliance. Electric shock or malfunction may result. If a foreign object enters the unit, immediately disconnect the mains power.
- No naked flame sources, such as lighted candles, should be placed on the appliance.
- Don’t cover any ventilation openings as this may result in overheating.
- Prevent use in dusty environments and clean the unit regularly.
- Keep the unit away from children.
- Inexperienced persons should not operate this device.
- Maximum save ambient temperature is 40°C. Don’t use this unit at higher ambient temperatures.
- Always unplug the unit when it is not used for a longer time or before you start servicing.
- The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.
- Check that the available voltage is not higher than the one stated on the rear panel of the unit.
- The socket inlet shall remain operable for disconnection from the mains.
- The power cord should always be in perfect condition: switch the unit immediately off when the power cord is squashed or damaged. It must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard
- Never let the power-cord come into contact with other cables!
- In order to avoid a hazard, the unit shall only be used with the AC-adaptor delivered with it. If the AC-adaptor is damaged, a same model adaptor shall be used only.
- In order to prevent electric shock, do not open the cover. Apart from the mains fuse there are no user serviceable parts inside.
- **Never** repair a fuse or bypass the fuse holder. **Always** replace a damaged fuse with a fuse of the same type and electrical specifications!
- In the event of serious operating problems, stop using the appliance and contact your dealer immediately.
- Please use the original packing when the device is to be transported.
- Due to safety reasons it is prohibited to make unauthorized modifications to the unit.

MAINTENANCE

Clean by wiping with a polished cloth slightly dipped with water. Avoid getting water inside the unit. Do not use volatile liquids such as benzene or thinner which will damage the unit.

FUNCTIONS





1. **CHANNEL FADERS:** change the output level of the channel.
2. **[PAGE SELECT] BUTTON:** used to change pages A – B - C
3. **MASTER FADER:** change the output level of the controller.
4. **ANTENNA**
5. **BATTERY LEVEL INDICATORS:** the according LED will be blinking whilst charging the battery.

a. RED LED lit : battery is running empty and needs to be charged.
b. YELLOW LED lit : battery is at low level
c. GREEN LEDs lit : battery charged (+/-3 hours for full charged battery)

IMPORTANT : the power has to be turned "ON" to charge the battery of the controller !

6. **PAGE SELECTION INDICATORS:** the LED of the according page will lit when selected with the [PAGE SELECT] button (2)
7. **MAINS INPUT** with IEC14 socket and integrated fuse holder, connect the supplied mains cable here.
8. **POWER SWITCH:** used to switch ON/OFF the controller**.**
9. **DMX OUTPUT:** sends the DMX signal to the connected devices.
10. **WIRELESS DMX ON/OFF SWITCH:** turns on and off the Wireless DMX part of the controller.
11. **ID STATUS INDICATOR: IMPORTANT!:This LED must always be BLUE !** If this is not the case, then follow these steps :
    a. Keep the ID SETUP BUTTON (12) pressed whilst turning on the wireless DMX with the Wireless DMX SWITCH (10)
    b. The LED will become Yellow, Red or Green.
    c. Press the ID SETUP BUTTON (12) shortly to change the color of the LED to BLUE.
    d. Confirm the ID status by pressing the ID SETUP BUTTON (12) during 3 seconds. Done!
12. **ID SETUP BUTTON:** use this button to pair the EZ-CON 24W with a wireless DMX receiver.
    This wireless DMX receiver has to be compatible with the W-DMX G4 protocol (Wireless Solutions Sweden)
    a. First, prepare the receiver(s) you want to pair.
    b. Then, press the ID SETUP BUTTON (12) shortly.
    c. The LED will start blinking and at the same time the LED from the receiver(s) will do the same.
    d. After a few seconds the blinking stops on both controller and receiver(s). Now they are paired and can start working in wireless DMX mode.

ADDRESSING THE CONNECTED UNITS

Each time you build a different installation with the EZ-CON 24W, you should check the DMX addresses of the connected projectors.

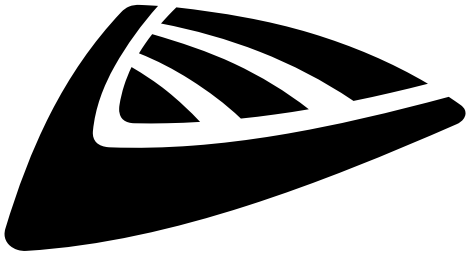
1. **PAGE A :**
   - Fader 1 = DMX address 001
   - Fader 2 = DMX address 002
   - Fader 3 = DMX address 003
   - Fader 4 = DMX address 004
   - Fader 5 = DMX address 005
   - Fader 6 = DMX address 006
   - Fader 7 = DMX address 007
   - Fader 8 = DMX address 008
2. **PAGE B :**
   - Fader 1 = DMX address 009
   - Fader 2 = DMX address 010
   - Fader 3 = DMX address 011
   - Fader 4 = DMX address 012
   - Fader 5 = DMX address 013
   - Fader 6 = DMX address 014
   - Fader 7 = DMX address 015
   - Fader 8 = DMX address 016
3. **PAGE C :**
   - Fader 1 = DMX address 017
   - Fader 2 = DMX address 018
   - Fader 3 = DMX address 019
   - Fader 4 = DMX address 020
   - Fader 5 = DMX address 021
   - Fader 6 = DMX address 022
   - Fader 7 = DMX address 023
   - Fader 8 = DMX address 024

SPECIFICATIONS

This unit is radio-interference suppressed. This product meets the requirements of the current European and national guidelines. Conformity has been established and the relevant statements and documents have been deposited by the manufacturer.

Power Input:	AC 110-240V, 50/60Hz
DMX output:	3pin XLR, 24ch
DMX wireless:	2.4GHz
Size:	231 x 158 x 59 mm
Weight:	1.41 kg

The information is subject to change without prior notice. You can download the latest version of this user manual on our website: www.jb-systems.eu



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MAILING LIST

EN: Subscribe today to our mailing list for the latest product news!
FR: Inscrivez-vous à notre liste de distribution si vous souhaitez suivre l'actualité de nos produits!
NL: Abonneer je vandaag nog op onze mailinglijst en ontvang ons laatste product nieuws!
DE: Abonnieren Sie unseren Newsletter und erhalten Sie aktuelle Produktinformationen!
ES: Suscríbete hoy a nuestra lista de correo para recibir las últimas noticias!
PT: Inscreva-se hoje na nossa mailing list para estar a par das últimas notícias!

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