



WIFLY EXR BATTERY



User Instructions

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Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

WiFly EXR Battery

Introduction

Introduction: Thank you for purchasing the ADJ WiFly EXR Battery. The WiFly EXR Battery is a battery powered, wireless DMX Transceiver (Transmitter/Receiver in one) that is compatible with all ADJ WiFly products. After connecting the WiFly Transceiver to a DMX Controller you are able to send a constant and reliable wireless DMX signal up to 2500 feet to other ADJ WiFly products. The wireless frequency is 2.4 GHz and will coexist in busy RF environments alongside wireless devices. The ADJ WiFly EXR Battery is the ideal solution for DJ's, nightclubs, bars or for any event where you don't want data cables to be seen, or when it is not easy to run data or power cables to your fixture(s) location.

Customer Support: Contact ADJ Service for any product related service and support needs. Also visit forums.adj.com with questions, comments or suggestions.

Parts: To purchase parts online visit <http://parts.americandj.com>

ADJ SERVICE USA - Monday - Friday 8:00am to 4:30pm PST
Voice: 800-322-6337 | Fax: 323-832-2941 | support@adj.com

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Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufacturer's warranty. In the unlikely event your unit may require service please contact ADJ Products, LLC.

PLEASE recycle the shipping carton when ever possible.

WiFly EXR Battery

General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

WiFly EXR Battery

Precautions

- Do not remove the unit cover under any conditions. There are no user serviceable parts inside.
- Never plug this unit in to a dimmer pack
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture.
- This unit is intended for indoor use only, use of this product outdoors voids all warranties.
- During long periods of non use, disconnect the unit's main power.
- Always mount this unit in safe and stable matter.
- Power-Cord Protection - Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the fixture.
- The fixture should be serviced by qualified service personnel when:
 - A. The power cord or the plug has been damaged.
 - B. Objects have fallen, or liquid has been spilled into the appliance.
 - C. The appliance has been exposed to rain or water.
 - D. The fixture does not appear to operate normally or exhibits a marked change in performance.

1. Handling of Batteries

1.1 Do Not Short Circuit the Battery

Try to never short circuit the battery. It generates a very high current which could cause the battery to overheat which may result in electrolyte gel leakage, harmful fumes, or explosion. The LIR tabs may easily short-circuit by placing them on conductive surface. A short circuit may lead to heat build up and damage of the battery. An appropriate circuitry with PCM is employed to protect accidental short circuit of the battery pack.

1.2 Mechanical shock

Dropping the unit, impact hit, bending, etc. may cause failure or short-end life of the LIR battery.

3. Other

3.1 Battery connection

1). Direct soldering of wire leads or devices to the battery is strictly prohibited.

2). Lead tabs with pre-soldered wiring shall be spot welded to the batteries. Direct soldering may cause damage of components, such as separator and insulator, by heat build up.

3.2 Prevention of short circuit within a battery pack

There is enough insulation layers between wiring and the batteries to provide extra safety protection. The battery pack is constructed in a way that no short circuit will occur which may cause smoke or fire.

3.3 Do No Disassemble the Batteries

1). Never disassemble the batteries.

Doing this may cause a internal short circuit in the battery, which may lead to harmful fumes, fire, explosion, or other problems.

2). Electrolyte Gel is harmful

Electrolyte Gel should not leak from the LIR battery. Should the electrolyte gel come into contact with the skin or eyes, flush the area of contact immediately with fresh water and seek medical attention immediately.

3.4 Do Not Expose the Battery to Heat or Fire

Never incinerate or dispose of the batteries in fire. This may cause an explosion, which would be very dangerous.

3.5 Do Not Expose the Battery to water or liquids

Never soak/drop the batteries in liquids such as water, seawater, drinks such as soft drinks, juices, coffee or other.

3.6 Battery Replacement

For battery replacement please contact ADJ customer support (800) 322-6337.

3.7 Do Not use a damaged Battery

The battery could be damaged during shipping, caused by shock. Should the battery be found damaged, including damages to the plastic casing of the battery, deformation of the battery package, smelling of an electrolyte, or leakage of the electrolyte gel, or other, DO NOT use the battery. A battery with a odor of electrolyte or a gel leakage should be placed away from fire to avoid fire or explosion.

4. Battery Storage

When storing the battery, it should be stored at room temperature, with a charge of at least 50%. We recommend that during long periods of storage that the battery be charged every 6 months. Doing this will prolong the life of the battery and will also make sure that the battery charge does not fall below the 30% mark.

5. Other Chemical Reaction

Because batteries utilize a chemical reaction, battery performance will deteriorate over time even if stored for a long period of time without being used. In addition, if the various usage conditions such as charge, discharge, ambient temperature, etc. are not maintained within the specified ranges, the life expectancy of the battery maybe shortened or the device in which the battery is used may be damaged by electrolyte gel leakage. If the batteries cannot maintain a charge for long periods of time, even when they are charged correctly, this may indicate it is time to change the battery.

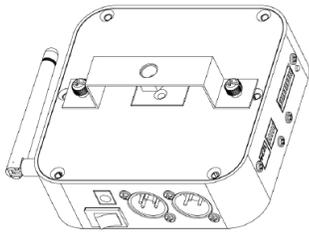
6. Battery Disposal

Please dispose of battery according to local regulations.

The fixture should be mounted via the mounting hole on the bracket. Always ensure that the fixture is firmly fixed to avoid vibration and slipping while operating. Always ensure that the structure to which you are attaching the fixture is secure and is able to support a weight of 10 times of the fixture's weight. Also always use a safety cable that can hold 12 times of the weight of the fixture when installing the fixture.

INSTALLATION OPTIONS

The device can be installed on any flat surface, attached to a metal surface via the magnet on the bottom panel, or attached to truss using the included mounting bracket and an optional wrap around clamp (not included. (See images below)



INCLUDED MOUNTING BRACKET INSTALLED ON BACK

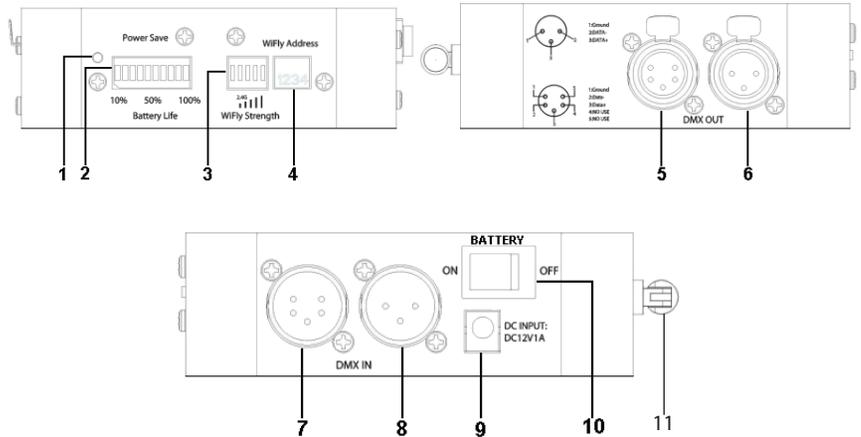


ATTACHED TO TRUSS WITH OPTIONAL CLAMP (CLAMP NOT INCLUDED)

BRACKET ATTACHMENT

Attaching the bracket is very easy. Line up the bracket thumb screws with the attachment holes located on the bottom of the unit. When the screws are lined up correctly, screw each of the thumb screws into the attachment holes by pressing the screws down and turning them clockwise until they are secure.

Note: The thumb screws are spring loaded, attached to the bracket, and cannot be removed.



1. Power Save Switch - This button is used to save display energy. Press and hold this button for at least 3 seconds, the indicators will flash 2-3 times. If you have activated the power save mode, battery power indicator will decrease in brightness after 5 seconds and turn off after 10 seconds. To check your battery life press this button again. To deactivate the power save function, press this button again for at least 3 seconds.

2. Battery Life Indicator - This indicator will let you know the remaining life of the battery before you need to charge it.

3. WiFly Signal Indicator - These LEDs indicate the receiving strength of the WiFly signal. When transmitting a signal, the first indicator block will flash slowly. When receiving a signal, the indicator will stay not flash, but stay solid. The first indicator block will flash quickly when there is no DMX signal.

4. Dipswitches - Use these dipswitches to set the WiFly channel.

5. 5 Pin DMX Out - Output the DMX signal.

6. 3 Pin DMX Out - Output the DMX signal.

7. 5 Pin DMX In - Input the DMX signal.

8. 3 Pin DMX In - Input the DMX signal.

9. Power Supply Connection - Connect the provided power supply to this jack.

- 10. **Battery Power Switch** - This switch is user to turn the battery power on/off.
- 11. **Antenna** - This antenna will receive or trasmit the DMX signal.

Setting Up the WiFly:

With this feature you are able to control the fixtures with DMX without the need for XLR cables. The WiFly range is up to 2500 feet/760 meters (open line of sight).

NOTE: If connecting to a ADJ WiFly fixture, please also see the set up functions associated with your WiFly fixture.

1. Power on the WiFly EXR Battery, either by battery or power cable. **When using battery power to power the WiFly EXR Battery, put the battery power switch in the “On” position. When using DC power, the battery power switch must be in the “Off” position.** The antenna must be in either a up or down position and must match position of the other antennas. All antennas up or all antennas down.
2. When using the WiFly as a transmitter connect the WiFly to a DMX512 controller via XLR cable. When the unit is transmitting, the first indicator block in the WiFly strength indicator will flash slowly. When there is no DMX signal to transmit the first indicator block in the WiFly strength indicator will flash quickly.
3. After the LED indicator lights up, use the dipswitches to set the WiFly channel. The channel can be set between 0-14. **See the WiFly Dipswitch Channel Settings below to help you set your desired WiFly channel.**
4. The WiFly TranCeivers that are connected to your fixtures or the WiFly fixtures themselves must be set to the same WiFly channel. If the WiFly TransCeiver (receiver) connected to your desired fixture is set up correctly, the WiFly strength indicator will show how strong the received signal is. If need be, adjust the TransCeiver to get a stronger signal.

WiFly CHANNEL	0	1	2	3	4	5	6	7
DIP SWITCHES ON	None	1	2	1, 2	3	1, 3	2, 3	1, 2, 3
WiFly CHANNEL	8	9	10	11	12	13	14	
DIP SWITCHES ON	4	1, 4	2, 4	1, 2, 4	3, 4	1, 3, 4	2, 3, 4	

Battery Status:

To check the battery charge status, turn on the battery power by switching “On” the Battery Power Switch. **Please do not let the battery fully die, this severly shortens the life of the battery.**

Battery Recharge: It will take about 4 hours to reach full charge. To recharge the battery, plug the supplied power supply into the input on the side of the unit and plug the other end into a matching power supply. Switch “On” the battery power switch to begin recharging.

The WiFly EXR Battery carries a one year (365 days) limited warranty. We recommend you fill out the enclosed warranty card to validate your purchase. All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Please contact ADJ Products, LLC customer support for a R.A. number.

WiFly EXR Battery

Warranty

MANUFACTURER'S LIMITED WARRANTY

- A. ADJ Products, LLC hereby warrants, to the original purchaser, ADJ Products, LLC products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.
- B. For warranty service you must obtain a Return Authorization number (RA#) before sending back the product—please contact ADJ Products, LLC Service Department at 800-322-6337. Send the product only to the ADJ Products, LLC factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products, LLC will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products, LLC shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.
- C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which ADJ Products, LLC concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the ADJ Products, LLC factory unless prior written authorization was issued to purchaser by ADJ Products, LLC; if the product is damaged because not properly maintained as set forth in the instruction manual.
- D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check up. During the period specified above, ADJ Products, LLC will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products, LLC under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products, LLC. All products covered by this warranty were manufactured after August 15, 2012, and bear indentifying marks to that effect.
- E. ADJ Products, LLC reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products, LLC in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products, LLC be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to ADJ Products, LLC Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

- **Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)
- **Laser Products = 1 Year (365 Days) Limited Warranty** (excluding laser diodes which have a 6 month limited warranty)
- **L.E.D. Products = 2-year (730 days) Limited Warranty** (excluding motors, PCB boards, and power supplies, which have a 1-year (365 day Limited Warranty) batteries which have a 180 day limited warranty). Only the L.E.D.s carry a 2-year warranty (excluding StarTec Series which carries a 1 Year Limited Warranty) **Note: 2 Year Warranty only applies to purchases within the United States.**
- **ADJ DMX Controllers = 2 Year (730 Days) Limited Warranty** (excluding faders and tact switches)

ADJ Products, LLC - www.adj.com - WiFly EXR Battery Instruction Manual Page 10

WiFly EXR Battery

Specifications

Model: WiFly EXR Battery

Voltage:	DC 12V 1Amp
Wireless Frequency:	2.4 GHz
Signal Range:	2500 Feet
Dimensions:	6" L x 5.5" W x 2.5" H 148 x 135 x 62mm
Weight:	2 Lbs. / 0.75 kgs.
Battery Charge Time:	4 Hours
Battery Life:	20-25 Hours (At Full Charge)
Battery Type:	Fixed Lithium-ion Battery
Battery Energy:	8.14WH (Watt Hours)
Battery Weight:	0.8lbs. / 0.4kg
Battery Voltage:	3.7V
Battery Capacity:	2.2AH
Total Lithium Ion Cells:	2pcs
Warranty:	1 year (365 Days)

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

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