

LIGHTS AND NOISE CO.

BATTERIES

8 x D OUTDOOR BATTERY ELIMINATOR KIT

Product Code: 8D-ELIMINATOR-KIT-OUTDOOR



OVERVIEW

This 8 x D Outdoor Battery Eliminator Kit is an alternative way to power your outdoor electronic devices that use 8 x D batteries. This kit is used to replace regular D batteries and is great for use in outdoor electronic devices that are heavily used or left on for extended periods of time. This kit includes 1 x D Outdoor Active Dummy Cell Battery, and 7 x D Passive Dummy Cell Batteries. This kit does not contain a power source. Each regular D battery supplies 1.5VDC, so 8 x D batteries will supply 12VDC. Outdoor electronic devices that use 8 x D batteries can operate from a 12VDC power source that can supply 1-Amp to 3-Amps of output current; therefore, we recommend an outdoor rated AC to DC power adapter, or a rechargeable solar panel that can supply 12VDC@1A, 12VDC@2A, or 12VDC@3A. The power source also needs to have a 5.5mm x 2.1mm male barrel plug with M12-1.75 screw threads to properly mate with the connector on the D Outdoor Active Dummy Cell Battery. See the Illustration.

FEATURES

- Eliminate 8 x D batteries in your favorite outdoor electronic devices that use 8 x D batteries.
- Perfect for outdoor electronic devices that are heavily used or left on for extended periods of time.
- Includes 1 x D Outdoor Active Dummy Cell Battery, and 7 x D Passive Dummy Cell Batteries
- The thin flat flexible cable (FFC cable) coming out of D Outdoor Active Dummy Cell Battery easily runs around waterproof battery compartment covers with gaskets while still maintaining a waterproof seal.
- FFC cable coming out of D Outdoor Active Dummy Cell Battery has IP66 outdoor rated 5.5mm x 2.1mm female barrel socket with M12-1.75 screw threads.
- Works with outdoor rated AC to DC power adapters and rechargeable solar panels that have IP66 outdoor rated 5.5mm x 2.1mm male barrel plugs with M12-1.75 screw threads.

INSTALLATION

Remove the battery compartment cover and gasket and the regular D batteries from the outdoor electronic device and install the D Outdoor Active and Passive Dummy Cell Batteries included in this kit observing the same polarity as the regular D batteries. The D Dummy Cell Batteries are the same size as regular D batteries, so they should easily fit into the electronic device's battery compartment spaces. The D Outdoor Active Dummy Cell Battery should be installed in a space that allows the FFC cable to easily run around the side of the waterproof battery compartment cover and gasket. Reinstall the battery compartment cover and gasket and plug the female barrel socket at the end of the FFC cable into the male barrel plug at the end of the cable going to the power source. Make sure the connectors are properly mated and the mating connector's screw nut is firmly tightened to maintain the integrity of the waterproof connection. Now enjoy never having to change batteries again!

ILLUSTRATION



NOTES

- The D Outdoor Active & Passive Dummy Cell Batteries are not real batteries and will not power an outdoor electronic device on their own and need to be used in conjunction with an appropriate power source such as an outdoor rated AC to DC power adapter or a rechargeable solar panel.
- This kit does not include a power source. For 8 x D batteries, we recommend a power source that supplies 12VDC which is a common standard voltage.
- We recommend an outdoor rated AC to DC power adapter, or a rechargeable solar panel that can supply 12VDC and 1-Amp, 2-Amps or 3-Amps of output current.
- See the illustration for an example of a waterproof battery compartment for an outdoor electronic device and how 8 x D batteries have been replaced by the 8 x D Outdoor Battery Eliminator Kit. Take note of how the FFC cable routes around the waterproof battery compartment cover and gasket.

- The D Outdoor Active and D Passive Dummy Cell Batteries are made of AA Outdoor Active and AA Passive Dummy Cell Batteries which slide into hollow black plastic AA to D cell battery size converter cases. These cases serve as AA to D battery size converters, so they will properly fit in the electronic device's battery compartment.

CAUTIONS & WARNINGS

- Do not attempt to charge the D Dummy Cell Batteries with a battery charger. Doing so may damage the battery charger.
- Only the FFC cable and 5.5mm x 2.1mm male barrel plug with M12-1.75 screw threads are rated for exposure to water. The active and passive blue dummy cell battery cases should not be exposed to water.
- Do not mix D Dummy Cell Batteries with regular D batteries.
- Make sure the D Dummy Cell Batteries are installed with the correct polarity. Improperly installed D Dummy Cell

Batteries can result in damage to the outdoor electronic device.

- Do not use a power source that supplies a voltage greater than recommended for your outdoor electronic device. Doing so can damage the device.
- Avoid repeatedly bending the FFC cable as it contains thin metal conductors that are susceptible to damage.

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