



DEVINE

WMD-168MKII-B Bodypack kit with headset



User manual

Any information and illustrations shown in this user manual are subject to change without further notice.

User manual version: 1.0 Creation date + author initials: 03-04-2019 RV Revision date + author initials: -

Safety instructions

This unit must be operated by, or under the supervision of an adult. This device is not suitable for children.

Every person involved with the installation, operation and maintenance of this device has to:

- Be qualified
- Follow the instructions of this manual
- Be wary of any damage to the bodypack, caused by transport or handling wear. If the bodypack or headset seems damaged from the outside, do not use it and contact your dealer for more information.
- To make sure the device remains in perfect condition and for safe operation, the user must follow the instructions and warning notes of this user manual.
- Damage caused by improper use or modifications to the device are not covered by the warranty.
- This device does not have any user-serviceable parts inside. This device must be serviced by qualified technicians.

Important notes regarding safety and health:

- Never remove any warning or informative labels from the unit.
- Do not open the device and do not modify any hardware or software.
- Do not switch the system on and off frequently, as this will reduce the lifespan of the device.
- Do not drive the inputs of the device with a signal greater than required to work at full performance.
- Only use this device indoors, avoid contact with water, moisture and other liquids. Do not place items filled with liquids on top of the unit.
- Avoid nearby flames or heat sources, do not place this device near flammable liquids, gas or flammable items.
- Never use other types of cables than specified in the manual, do not use defective or malfunctioning cables. Contact your dealer if the included or required cables do not work properly with this device.
- If the device has been exposed to considerable temperature changes (for example, transport from outdoors to indoors), do not connect the device immediately. Do not activate the unit until it has reached room temperature, as moisture might build up inside the unit, which may cause short-circuiting and/or electric shocks.

Guidelines and types of use:

- This device is intended to be used by professionals on stage, in theatres, clubs and similar venues.
- This device is not suitable for use by children and must always be operated by an adult.
- Only use the device when the environment is suitable and will not cause any damage. Do not use the product in moist or dusty environments, or where long-term damage may occur such as:
 - Indoor swimming pools where chlorine is used.
 - Beaches, where sand and salt are present.
 - Outdoors.
 - Indoor areas where intense heat sources are present or where the temperature exceeds levels that are comfortable for humans.
- Familiarise yourself with the functions of the device before use. Do not allow operation of the device by unskilled or unqualified people.
- Use of the device in other ways than described in this user manual may cause damage and injury. Devine cannot be held responsible for any damage or injury caused by improper use.
- Always check your local government for allowed radio frequency band allocation and maximum allowed frequency radiation power (ERP, e.i.r.p.) before setting up your microphone system. This bodypack and the paired receiver might use frequency bands that are prohibited by local law.

Storage and transport:

- This device is intended for mobile use as well as fixed installations. During transport, properly store the device in a fitting, preferably padded, carrying case or flightcase compartment.
- This device is not intended for continuous use. Operation breaks will ensure that the lifespan of the device is not reduced.
- If the device is not used for a longer period of time, store it in a fitting (flight)case.
- Store the device dry and indoors, and do not expose the device to extreme temperature changes.

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Housing:

- Inspect the housing of the device frequently. Severe dents, cracks and missing screws should be acknowledged and dealt with accordingly. Do not use the device when the housing is not in optimal condition. Contact your dealer or a skilled technician when in doubt about the state of the device.
- Check the device and screws for corrosion. Corrosion should not be present on the device. Contact your dealer or a skilled technician when corrosion is found on the device.
- The headset connector should be mounted tightly. Do not use the device when the connector is loose.
- Prevent the build-up of dust and dirt. Clean the exterior of the device every month with a dry or damp cloth. If the device is intensively used, the cleaning frequency must be increased. Disconnect the device when it is going to be serviced.

Batteries:**CAUTION:**

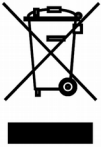


- Danger of explosion if batteries are incorrectly replaced.
- Replace only with the same or equivalent type of batteries.
- Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- Do not expose batteries to excessive heat such as sunshine, fire and the like.
- Do not leave batteries in an extremely high-temperature environment, as this may cause explosions or leakage of flammable liquids or gas.
- Do not burn batteries, do not place batteries in a hot oven, and do not crush or cut batteries, as this may cause explosions.
- Do not expose batteries to extremely low air pressure (high altitudes), as this may cause explosions or leakage of flammable liquids or gas.
- If the equipment is not used for an extended period of time (e.g. a few months), batteries should be removed.
- Instantly remove empty batteries from the equipment.
- Replace all batteries at the same time. Mixing old and new batteries or mixing different types (such as alkaline and zinc carbon) will reduce overall performance and may cause leakage or rupture.
- Do not store loose batteries or carry them in your pocket or purse. Contact with metal objects like coins and keys, etc. may cause them to leak, rupture or short-circuit.

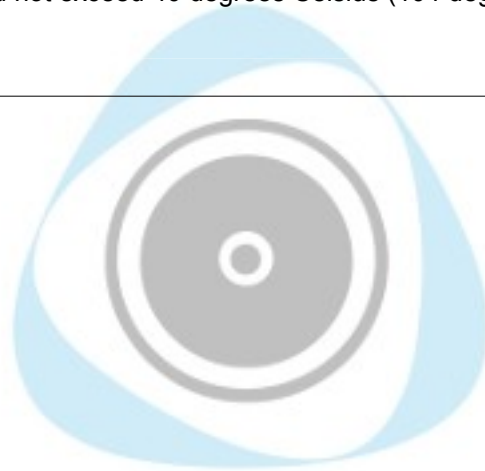
Recycling:

Do not dispose of batteries in general household waste. Batteries can contain substances that may harm the environment. If they are properly recycled, used batteries are a valuable source of reusable materials. Contact your local government for information on battery disposal.

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Symbol clarification:

	<p>WEEE: Dispose of this product properly. This product is part of the WEEE directive – the Waste Electrical and Electronic Equipment directive. The requirements stated in this directive apply to all manufacturers and producers of electronic equipment in the EU.</p> <p>Do not dispose of this product together with regular household rubbish. Contact your local government for more information about proper disposal and recycling of electronic products in your region. By recycling this product properly after use, we can work together to enjoy these products and also protect our environment from being polluted.</p>
	<p>CE: The CE mark indicates that the product complies with applicable European directives and regulations.</p>
	<p>Indoor use only: This device is designed to only be used indoors. The maximum ambient temperature should not exceed 40 degrees Celsius (104 degrees Fahrenheit)</p>



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Contact:

Devine pro audio and studio products
Verrijn Stuartweg 18
4462 GE Goes
The Netherlands

Please do not send any products directly to this address. If you wish to return a product for a refund or repair, please contact your local dealer for an RMA (Return Material Authorisation)

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Box contents

Box contents:

- 1x bodypack with antenna
- 1x headset microphone with antenna and mini XLR-cable
- 1x lavalier microphone with clip and mini-XLR cable
- 1x user manual



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Preparing the system

Inserting batteries

The bodypack requires 2 AA 1.5V batteries. Always use quality batteries, as the lifespan may vary. This may result in an operation lifespan varying from 7 to 10 hours. To access the battery compartment, push down on the compartment cover and open. Insert the batteries according to the polarity shown in the compartment.

There is an on/off button at the top of the bodypack, also functioning as a mute switch. Holding the button will power up the device. The LCD screen of the bodypack will turn on.

Setting up the bodypack

The WMD-168MKII-B bodypack kit comes with two types of microphones; a lavalier and a headset. They both feature the same specifications, the choice depends on the way the user wants to wear the microphone. Both are handsfree microphones. The user could opt to conceal the cable under clothing, and the bodypack itself can also be worn discretely using the belt clip. Hiding the cable under clothing is always recommended to prevent the cable from catching on to any objects, possibly damaging the microphone and disrupting live activity.

When using the headset, the microphone is designed to be on the left side of the head, so that the ear hook on the other end of the headset fits comfortably around the user's right ear. The headset features a soft padding on the microphone side to reduce strain.

The clip-on lavalier can be used when discrete application of the microphone is preferred. The microphone can clip on to a collar or lapel for comfortable use. Always try to prevent the microphone from scratching to clothing in a live situation, as unwanted noise might get picked up and amplified.

Connecting the bodypack to the receiver

The WMD-168MKII-B bodypack is meant to be used in combination with the Devine WMD-168MKII wireless microphone system. To connect the bodypack, hold the infrared sensors on both the receiver and the bodypack in close proximity and press the 'set' button on the desired microphone channel (1 or 2). If needed, open the battery compartment to enhance the sensor exposure of the bodypack. The devices will now pair in a selected frequency. If the synchronisation is successful, the display of the bodypack will light up and show the newly set channel and frequency. The receiver display will show the signal strength as indicated by 'RF'. For more information regarding the receiver, refer to the Devine WMD-168MKII user manual.



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Volume adjustment

The front of the WMD-168MKII receiver features separate volume knobs per microphone channel. These are used to change the microphone signal level. Set the audio level (indicated by 'AF') by turning the volume knob so that the speaker can talk at a comfortable level with enough headroom on the signal level for clean amplification. When the signal exceeds its maximum level, the audio will become distorted. This could cause damage to connected speakers and/or hearing. Try to have the speaker talk at a constant level, to prevent distortion when the level is too high or inaudible speech when the level is too low.



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Technical specifications

Technical specifications:

- frequency: 612-692 MHz
- channels: 160
- oscillation-mode: PLL
- frequency stability: +/- 10 ppm
- modulation mode: FM
- max radio frequency power transmitted: 10 mW
- audio frequency response: 50 ~ 16.000 Hz
- distortion: < 0.5%
- batteries: 2x AA, 1.5V
- using time: 7-10 hours (depends on battery quality)

Dimensions:

- Length: 102 mm, width: 63 mm, height: 20 mm

Weight:

81 g

Included in delivery:

- 1x lavalier microphone mini-XLR
- 1x headset microphone mini-XLR
- 1x WMD-186MKII-B bodypack



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