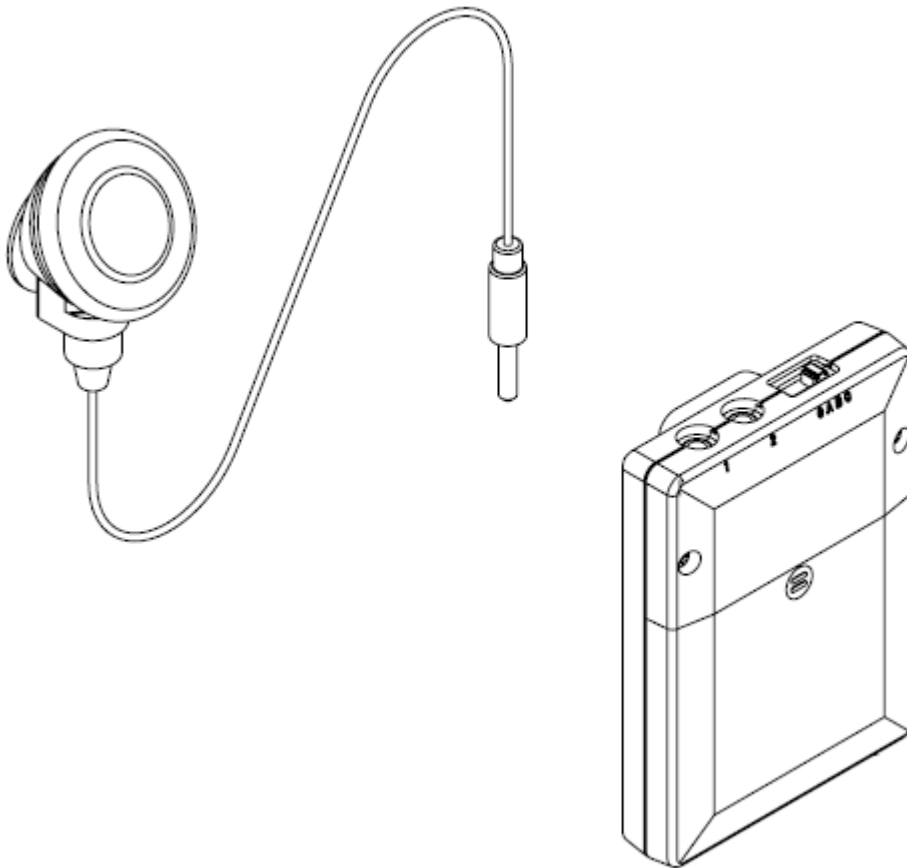


Tracking Marker

Part No. **MS-V-OP0027**



To customers

Thank you for buying our product.

Read the instruction manual thoroughly and use the product in a proper and safe manner.

Be sure to read “Safety precautions” before use.

Store the instruction manual after reading so that it can be read whenever necessary.

Safety precautions



Warning

This mark indicates precautions for prevention of death or serious injury.



To be strictly observed

- Never disassemble or modify the product. Such actions may cause failure and result in electrical shock or injury.
- Do not put water or foreign matter inside the main unit. They may cause fire or electrical shock.
- After removal of the batteries, keep them away from small children to avoid swallowing by mistake. Keep the batteries at a place not reached by children. In case they are swallowed by a child, consult a doctor immediately.
- Do not use different types of batteries at the same time, such as using an alkaline battery and a manganese battery or a new battery and a used battery. Fire or injury due to rupture or fluid leakage could be caused if the product is used under such condition.
- Remove the batteries from the product when the batteries are flat or not used for a long period.



Caution

This mark indicates precautions for prevention of injury or damage to properties.



To be strictly observed

- Do not put the product on places with significant vibration or impact or on unstable places such as wobbling benches or tilted surfaces.
- Do not put the product at hot places such as places subjected to direct sunlight or near heaters, places of high humidity or dusty places.
- In case of fluid leakage from batteries, do not touch the fluid with bare hands. In case body or clothes are stained by the fluid, wash it away using clean water and consult a doctor if inflammation or injury is observed on the skin.
- In case the fluid from the internal area of the batteries enters eyes, do not rub the eyes. Wash the eyes thoroughly with clean water such as tap water and have them treated by a doctor immediately.
- Also read the precautions written on the batteries.

Specifications

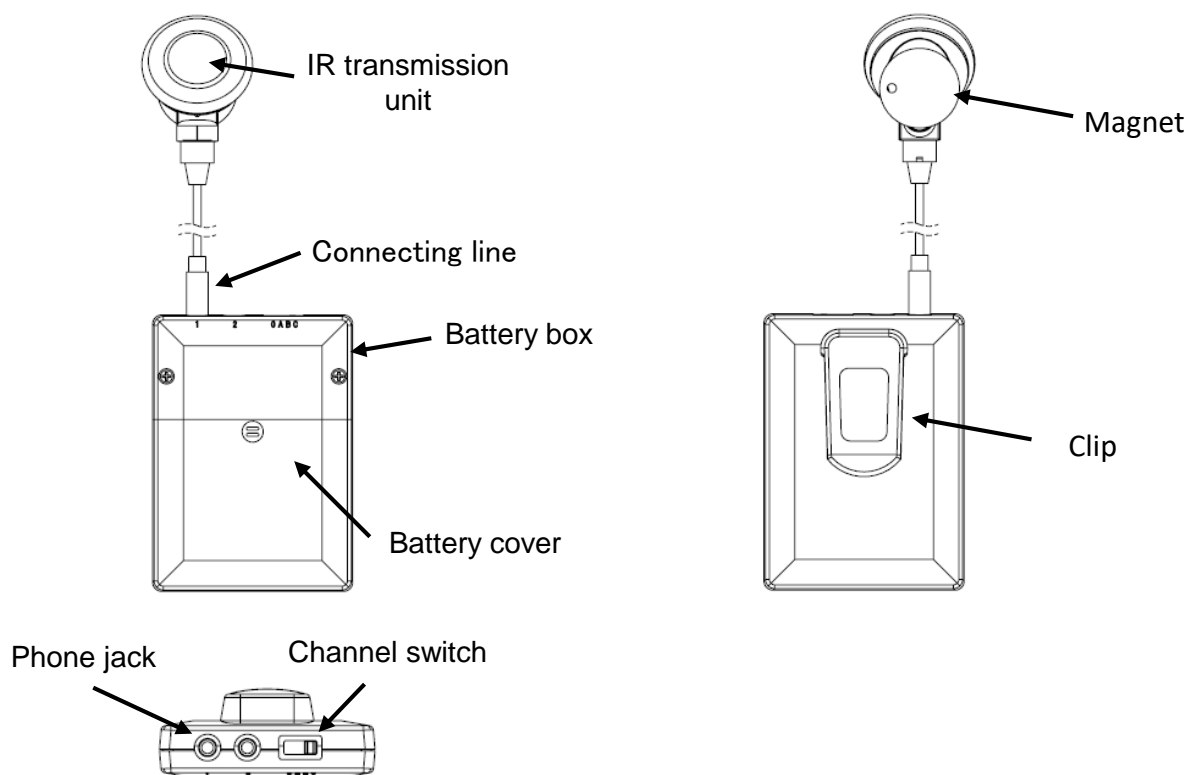
Transmission distance	Approx. 10 m (varies depending on the equipment and room conditions)
Transmission angle	Approx. $\pm 60^\circ$ (varies depending on the equipment and room conditions)
Power source	AAA battery 4 pcs (separately sold)
Battery life	Approx. 6 hours (if alkaline batteries are used) * The battery life may become shorter depending on the battery performance and use conditions.
External dimensions (approx.)	Body : 26 mm (W) \times 55 mm (H) \times 26 mm (D) Battery case : 65 mm (W) \times 90 mm (H) \times 27 mm (D)
Weight	Approx. 80 g (excluding batteries)

* The specifications, appearance and exterior may be changed without prior notice.

Precautions on use

- Lighting equipment whose channel matches the channel of the product only can be operated.
- The product is intended for tracking operation of lighting equipment only. Functions such as zoom or dimming, which the product does not have, are inoperable.
- The product is a remote controller incorporating the infrared system. The product does not support equipment that does not incorporate the infrared system.
- Transmission distance of the remote controller could be shorter depending on the color and material of the ceiling, walls and floor.
- Channel setting for lighting equipment cannot be done by the product.
- Strong impact due to dropping, etc. may cause breakage.
- Do not insert terminals other than this product into the phone jack of the battery box.
- Infrared ray is used in the marker, and malfunction could occur in the presence of strong sunlight or multiple infrared emission points. Normal operation becomes impossible when the marker's infrared ray is blocked, because infrared rays are tracked.

Names of Parts

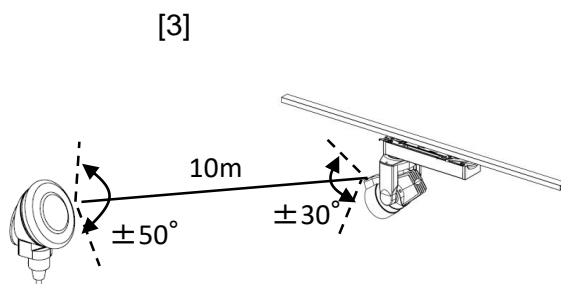
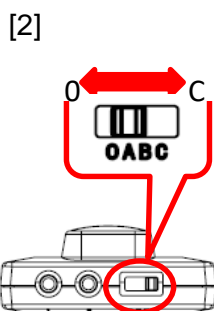
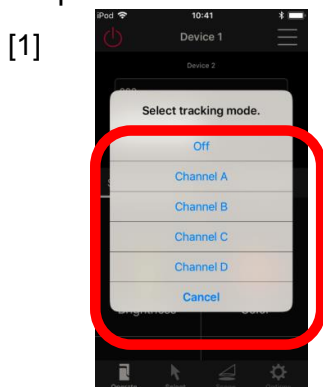


How to put batteries

- [1] Open the battery cover in the back of the main unit.
- [2] Put four AAA batteries, according to the +/- indication on the main unit.
- [3] Close the battery cover.

Operation of the product

- [1] Set the channel (A to D) of the lighting equipment.
- [2] Match the channel of the product with the channel of the lighting equipment.
- [3] Face the IR transmission unit of the product toward the lighting equipment and press the transmission button to operate the lighting equipment.



* The channel is set by a remote controller in which the lighting equipment is registered, not by the product.

* The lighting equipment is operated while the transmission button is held down.

*If you remove and insert the main unit from the phone jack when the slide switch is in a position other than 0, the transmission will stop. Set the slide switch back to 0 and tune to channels A to C again.

Number of main units connected to the battery box

- Up to 2 main units can be connected to the battery box.
Only one main unit can handle only one direction, but due to this, front and back.

*Additional main unit must be purchased separately.

*If two units are connected, the battery life will be shortened.

Treatment of the product

- Wipe off stains on the product using a soft cloth or a soft cloth dipped in thinned neutral detergent and squeezed completely.
- Do not wipe using volatile agents such as thinner or benzene. Do not spray insecticide on the product. Such actions may cause discoloration, deterioration or failure.

Warranty

- The warranty period of the product is 1 year after purchase.
If a certification is needed, contact us at the contact number.

In case failure is suspected

Check the following items if the product does not function properly.

- Aren't the batteries flat?

Replace with new ones.

- Are you using the product within the usable range?

Use the product at a distance up to 10 m from lighting equipment.

If there is an obstacle between the lighting equipment and the remote controller, remove it.

- Isn't there a change in the setting of the remote controller?

Setting is sometimes changed due to malfunction.

Check whether the channel of the lighting equipment matches the channel of the product.

Contact Information

TEL : +81-3-6758-6711

From Monday to Friday / 9:00-17:00 (excluding Saturdays, Sundays, Japanese Holidays, New Year Holidays, Company holidays)

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