



READ BEFORE USING THE PRODUCT

Multi Digital Telemetry
Multi Digital Telemetry Receiver
MT-100A



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Inquiries

For inquiries regarding this product, please use the inquiry form on our website or contact us by phone.

· Inquiries via Web Form

Access the form at the following URL:

<https://www.kyowa-ei.com/en/inquiry>

· Inquiries by Phone

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1. INTRODUCTION

Thank you for purchasing this KYOWA product.

To ensure safe and proper use of this product, please read and fully understand this document and the instruction manual before operation. After reading, keep them in a safe, accessible place for future reference.

For details on precautions for use, usage methods, and specifications of this product, please refer to “MT-100A Series INSTRUCTION MANUAL HARDWARE”.

Precautions in This Document:

- Use this product as described in this document.
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- Please refer to our product website (<https://product.kyowa-ei.com/en>) for the latest information.
- The contents of this document and the specifications of the main unit software may be changed without notice.

2. INFORMATION SERVICE

To download the latest instruction manuals, catalogs, and CAD data, and check update information, please refer to our product website.

<https://product.kyowa-ei.com/en>



3. NOTATION IN THE DOCUMENT

In this document, related products are described as follows:

- The MT-100A series of product is collectively referred to as **this product**.
- The MT-100A receiver of the MT-100A series is referred to as **receiver**.
- The MT-101A-S transmitter of the MT-100A series is referred to as **transmitter**.
- The MT-10A control software for the MT-100A series is referred to as **control software**.

About the Precautions Described in This Document

The following signal words are used in this document. Please be sure to read this before use.

DANGER	This indicates that mishandling could result in the death or serious injury of the user, and that urgency is high.
WARNING	This indicates that mishandling could result in the death or serious injury of the user.
CAUTION	This indicates that mishandling could result in the minor injury of the user.
NOTE	This indicates that mishandling could result in physical damage.

About Symbols Noted in This Document

This document uses the following symbols in conjunction with the signal words above.

Symbol	Content
	Indicates prohibited actions.
	Indicates content that requires caution and warnings.
	Indicates actions that must be strictly followed.

4. STANDARD ACCESSORIES

The following standard accessories are packed with the receiver. When unpacking, check the contents to ensure that all accessories are packed.

Name	Quantity
Multi Digital Telemetry Receiver (MT-100A)	1
Receiving antenna (W1030)	2
Error output terminal block (1714964)	1
USB cable Type C – Type A (N-141)	1
Ground wire (P-72)	1
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Product Warranty	1

5. SYMBOLS ON THE PRODUCT

The receiver displays the following symbols on the product.

Symbol	Content
	Indicates Caution . For areas with this symbol, be sure to refer to the relevant section of the instruction manual before use.
	Indicates power “ON”.
	Indicates power “OFF”.
	Indicates direct current (DC).
	Indicates a ground terminal.

6. RELATED DOCUMENTS

MT-100A Series INSTRUCTION MANUAL
HARDWARE Edition



MT-100A Series INSTRUCTION MANUAL
CONTROL COMMAND Edition



MT-10A Control Software
INSTRUCTION MANUAL



MT-100A Multi Digital Telemetry Receiver
READ BEFORE USING THE PRODUCT
(This document)



MT-101A-S Strain Transmitter
READ BEFORE USING THE PRODUCT



MT-100A Series
PRECAUTIONS FOR USING WIRELESS PRODUCTS



7. PRECAUTIONS BEFORE USE

Before using this product, please read the following precautions carefully.

	DANGER Do not use this product in environments or for applications that are outside its product specifications. This product is designed according to the contents of product specifications. Use outside of these specifications may cause accidents or malfunctions.
	This product must be used by persons experienced with electrical measuring instruments who understand the contents of this document and have confirmed all safety procedures. Incorrect use of this product can lead to personal injury (death, injury), or damage to the device and sensors.
	Do not use this product in locations with flammable gases, flammable vapors, or flammable dust. If this product is used in a flammable environment, it can cause fire or explosion.
	Do not use this product on or near combustible materials. If this product is used on or near combustible materials, it can cause a fire due to heat generation.
	Never use this product in areas of medical institutions where wireless equipment is prohibited, or near medical electrical equipment such as pacemakers. The radio waves from this product can cause medical equipment to malfunction, which can lead to personal injury.
	Never use this product in aviation facilities or on aircraft. The radio waves from this product can cause aviation equipment to malfunction, which can lead to personal injury and damages.