

MU368040A
CDMA Modulation Unit
Operation Manual

Sixth Edition

- **Read this manual before using the equipment.**
- **To ensure that the equipment is used safely, read the "For Safety" in the MG3681A Digital Modulation Signal Generator Operation Manual first.**
- **Keep this manual with the equipment.**

ANRITSU CORPORATION

MU368040A
CDMA Modulation Unit
Operation Manual

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1. Product Model

Plug-in Units: MU368040A CDMA Modulation Unit

2. Applied Directive and Standards

When the MU368040A CDMA Modulation Unit is installed in the MG3681A, the applied directive and standards of this Unit are conformed to those of the MG3681A main frame.

PS: About main frame

The kind of main frame (a measuring apparatus) will be to increase.

Please, contact us about the newest information of the main frame.

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C-tick marking



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About This Manual

This operation manual describes the overview of the MU368040A CDMA Modulation Unit.

MU368040A CDMA Modulation unit is used installing each software, and it is installed in MG3681A Digital Modulation Signal Generator.

Refer to operation manuals of each software for the functions and details of the equipment equipped with the software.

The operation manual for the MG3681A Digital Modulation Signal Generator is available as a separate volume. Refer to it together with this manual.

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Section 1 General

This section provides a general introduction to the MU368040A CDMA Modulation Unit and configuration of its standard accessories.

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1.1 Overview of MU368040A

The MU368040A is a CDMA modulation unit to be mounted on the MG3681A Digital Signal Generator (hereinafter referred to as MG3681).

When mounted on the MG3681A, the MU368040A generates the modulation signals that are compatible with the communications system of CDMA modulation method such as W-CDMA. No other external Baseband signal sources are required.

1.2 Product Configuration

The standard configuration of the MU368040A is shown in the table below.

After unpacking, check to see that all the components are contained in your package. If your package is incomplete or contains damaged components, please contact us or our sales representative.

Item	Model/ Ordering No.	Product name	Qty.	Remarks
Main Unit	MU368040A	CDMA Modulation Unit	1	Compatible system: W-CDMA, IS-95.
Accessory	W1758AE	Operation Manual	1	

Section 2 Storage and Transportation

This section describes the maintenance, storage and transportation of the MU368040A.

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2.1 Notes on Storage for an Extended Period

Avoid storing it at the following places.

- Dusty place
- A place with direct sunlight
- Highly humid place where condensation occurs.
- Place possibly exposed to active gas
- Place where the equipment can be oxidized.
- Places at following temperatures and humidity.

Temperature : $>60^{\circ}\text{C}$, $<-20^{\circ}\text{C}$

Humidity : $\geq 90\%$

Recommended storage conditions

Store the MU368040A for an extended period at a place that satisfies the above and following environmental conditions.

- Temperature: 0 to 50°C
- Humidity: 40 to 80%
- Little temperature and humidity fluctuations during the day

2.2 Repacking and Transportation

Notes for transporting the MU368040A are described below.

Repacking

Use the packing material used in the package when purchased. If it is no longer available, follow the steps below to pack it.

- [1] Pack MU368040A in vinyl.
- [2] Prepare a corrugated cardboard box, a wooden box or an aluminum box with sufficient space for inserting buffers on all sides of MU368040A.
- [3] Insert buffers on all sides of MU368040A for absorbing transportation shocks and for fixing it.
- [4] Secure the outside of the box with adhesive tape, bands and so on.

Transportation

Avoid vibration as far as possible and transport the equipment by following the recommended storage conditions.

Section 2 Storage and Transportation

Appendix A Specifications

Item	Specifications
Software to be used	MX368041A: W-CDMA Software MX368042A: IS-95 Software Refer to each Software Operation Manual for specifications when the software is installed.
Number of slot to be used	Two slots
Firmware Backup Area	CDMA: 2 Mbyte, DSP: 2 Mbyte, FPGA: 4 Mbyte
mass	700 g

