

MU368030A
Universal Modulation Unit
Operation Manual

Third 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

MU368030A
Universal Modulation Unit
Operation Manual

27 September 2001 (First Edition)
1 December 2003 (Third Edition)

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Printed in Japan

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CE marking



1. Product Model

Plug-in Units: MU368030A Universal Modulation Unit

2. Applied Directive and Standards

When the MU368030A Universal 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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Anritsu affixes the C-tick marking on the following product (s) in accordance with the regulation to indicate that they conform with the EMC framework of Australia/New Zealand.

C-tick marking



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

About This Manual

This operation manual describes the overview of the MU368030A Universal Modulation Unit.

MU368030A Universal Modulation Unit is used installing each software, and 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 and the MX36803A Device Test Signal Generation Software is available as a separate volume. Refer to it together with this manual.

Table of Contents

About This Manual	I
Section 1 General	1-1
1.1 Overview of MU368030A.....	1-2
1.2 Product Configuration.....	1-3
Section 2 Storage and Transportation ...	2-1
2.1 Notes on Storage for an Extended Period.....	2-2
2.2 Repacking and Transportation	2-3
Appendix A Specifications	A-1

Section 1 General

This section provides a general introduction to the MU368030A Universal Modulation Unit and configuration of its standard accessories.

1.1	Overview of MU368030A	1-2
1.2	Product Configuration.....	1-3

1.1 Overview of MU368030A

The MU368030A is a Universal Modulation Unit to be mounted on the MG3681A Digital Signal Generator (hereinafter referred to as MG3681A).

When mounted on the MG3681A, the MU368030A generates the modulation signals that are compatible with various communication system. No other external Baseband signal sources are required.

1.2 Product Configuration

The standard configuration of the MU368030A 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.
Main Unit	MU368030A	Universal Modulation Unit	1
Accessory	W1973AE	Operation Manual	1

Section 1 General

Section 2 Storage and Transportation

This section describes the maintenance, storage and transportation of the MU368030A.

2.1	Notes on Storage for an Extended Period	2-2
2.2	Repacking and Transportation	2-3

2.1 Notes on Storage for an Extended Period

Avoid storing it at the following places:

- Dusty place
- 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°C, <-20°C

Humidity: ≥90%

Recommended storage conditions

Store the MU368030A 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 MU368030A 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 the MU368030A 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 the MU368030A.
- [3] Insert buffers on all sides of the MU368030A 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.

Appendix A Specifications

Item	Specifications
Software to be used	MX368031A: Device Test Signal Generation Software Refer to each Software Operation Manual for specifications when the software is installed.
Number of slot to be used	One slot
Firmware Backup Area	CPU: 1 Mbyte, FPGA: 1 Mbyte
mass	300 g

