PRODUCT INTRODUCTION

MG3681A
Digital Modulation Signal Generator

Firmware Update News

ANRITSU CORPORATION
MG3681A has released the new expansion units, software and the options for the function enhancement. In relation to it, a firmware is updated to perform each function.

The present document introduces the following contents of the firmware to the customers who already have MG3681A.

- Version-up History
- How to check Version
- How to upgrade

The latest version can perform all functions.

### Version-up History

<table>
<thead>
<tr>
<th>Version</th>
<th>Release (yyyy.mm.dd)</th>
<th>Contents</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.03</td>
<td>2005.1.11</td>
<td>Patch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Modified to standardize Band pass Filter switching frequency tables in all firmware versions. This does not affect operations.</td>
</tr>
<tr>
<td>3.02</td>
<td>2003.10.15</td>
<td>Patch</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Reading/Writing error to SanDisk's CompactFlash 128MB</td>
</tr>
<tr>
<td>3.01</td>
<td>2003.1.29</td>
<td>Expansion unit firmware improvement</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• MU368060A AWGN Unit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Added Ioc (AWGN/Bandwidth) level indicating: <strong>,</strong> dBm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Details: MU368060A Firmware Update News</td>
</tr>
<tr>
<td>2.10</td>
<td>2002.1.9</td>
<td>Option addition</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• MG3681A-42 RF High Level Output</td>
</tr>
<tr>
<td>2.09</td>
<td>2001.10.4</td>
<td>Expansion unit/ Software addition</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• MU368030A Universal Modulation Unit</td>
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<tr>
<td></td>
<td></td>
<td>• MX368031A Device Test Signal Generation Software</td>
</tr>
<tr>
<td>2.08</td>
<td>2001.7.31</td>
<td>Expansion unit addition</td>
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<tr>
<td></td>
<td></td>
<td>• MU368060A AWGN Unit</td>
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<td>2.05</td>
<td>2001.6.4</td>
<td>Expansion unit/ Software addition</td>
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<tr>
<td></td>
<td></td>
<td>• MU368010A TDMA Modulation Unit</td>
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<tr>
<td></td>
<td></td>
<td>• MX368011A PDC Software</td>
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<td></td>
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<td>• MX368012A GSM Device Test Software</td>
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<tr>
<td></td>
<td></td>
<td>• MX368042A IS-95 Software</td>
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<tr>
<td>2.04</td>
<td>2001.5.21</td>
<td>Upgrade CD-ROM for W-CDMA real-time signal generation</td>
</tr>
</tbody>
</table>
How to check Version

**Hardware Check**

<table>
<thead>
<tr>
<th>Main</th>
<th>CPU</th>
<th>Pass</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Flash</td>
<td>Pass</td>
</tr>
<tr>
<td></td>
<td>RAM</td>
<td>Pass</td>
</tr>
<tr>
<td></td>
<td>GPIB</td>
<td>Pass</td>
</tr>
</tbody>
</table>

**Unit**

1. MJ368040A(1) < Hard Ver. A18, Data Ver. 1.06 > : Pass
2. MJ368040A(2) < Hard Ver. A17, Data Ver. NONE > : Pass
3. MJ368010A  < Hard Ver. A16, Data Ver. 1.00 > : Pass
4. MJ368000A  < Hard Ver. A00, Data Ver. 1.01 > : Pass
5. MJ368050A  < Hard Ver. A02, Data Ver. 0.00 > : Pass

[F5] Hardware Check

[Config]
How to upgrade

Please consult with our sales staff about updated firmware object.

1. Please prepare clear PC memory card.
2. Please copy “Manritsu” folder to PC memory card.
3. Please power-off MG3681A.
4. Please insert PC memory card in [Memory Card] on the back panel of MG3681A.
5. Please power-on MG3681A.
6. It is upgraded in 1 to 2 minutes.
MG3681A PRODUCT INTRODUCTION

Specifications are subject to change without notice.

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