

# Software Release Notes

AE/LZT 123 1910/6

Rev. AZ, Dec/06

*future*  
The Future of Mobile Radio



## M-RK™ I, M-RK II/M-RK Scan and Orion™ Mobile Radio Software Version 4 (512K)

AE/LZY 213 803/1 R46A

AE/LZY 213 806/1 R46A

AE/LZY 213 773/1 R47A

## MANUAL REVISION HISTORY

REV	DATE	REASON FOR CHANGE
AY	Jan/05	Added special external Alarm for Orion, added ProVoice Conventional scan for Orion, and fixed TRs.
AZ	Dec/06	Resolved TRs.

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# 1. INTRODUCTION

This document contains Software Release Notes for the M-RK™ I, M-RK II and Orion™ radios. This release reflects a change in Orion radio software only. The table below describes the radios and the distributed software.

<b>RADIO TYPE</b>	<b>DISTRIBUTION KIT NUMBER</b>	<b>MEDIA INCLUDED IN DISTRIBUTION KIT</b>
MRK I Version 4 (512K)	AE/LZY 213 803/1	LZY 213 803/1 R46A
MRK II Version 4 (512K)	AE/LZY 213 806/1	LZY 213 806/1 R46A
Orion Version 4 (512K)	AE/LZY 213 773/1	LZY 213 773/1 R47A

# 2. COMPATIBILITY

M-RK I - LZY 213 803/1 R46A, M-RK II - LZY 213 806/1 R46A and Orion - LZY 213 773/1 R47A radio flash software is compatible with the following software.

<b>FLASH MEDIA KIT</b>	<b>PROGRAMMER™ R-STATE<sup>1</sup></b>	<b>RADIO HARDWARE</b>
LZY 213 803/1	R17A or later	M-RK I Version 4
LZY 213 806/1	R17A or later	M-RK II Version 4
LZY 213 773/1	R17A or later	Orion Version 4

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<sup>1</sup> ProGrammer software part number TQS3385 or TQS3389.

## 2.1 RADIO AND DSP FLASH COMPATIBILITY

RADIO FLASH CODE	RADIO ADI/DSP CODE
*M1G32100.BIN	N/A
M1G33300.BIN/BIZ	ADI02000, ADI (Aegis™-Unencrypted) ADI02200, ADI (Aegis-VGE) ADI01100, ADI (Aegis-DES)
M1G46402.BIN	ADI02000, ADI (Aegis-Unencrypted) ADI02200, ADI (Aegis-VGE) ADI01100, ADI (Aegis-DES)
*M2G32200.BIN	N/A
M2G33300.BIN	ADI02000, ADI (Aegis-Unencrypted) ADI02200, ADI (Aegis-VGE) ADI01100, ADI (Aegis-DES)
M2G46402.BIN/BIZ	ADI02000, ADI (Aegis-Unencrypted) ADI02200, ADI (Aegis-VGE) ADI01100, ADI (Aegis-DES)
OG33300.BIN	ADI02000, ADI (Aegis-Unencrypted) ADI02200, ADI (Aegis-VGE) ADI01100, ADI (Aegis-DES)
OG47402.BIN/BIZ	ADI02000, ADI (Aegis-Unencrypted) ADI02200, ADI (Aegis-VGE) ADI01100, ADI (Aegis-DES) B4R02A01.DSP (IMBE™ – Unencrypted) B6R02B01.DSP (IMBE -DES)

\*Final Code Release for This Model.

### **3. NEW FEATURES AND ENHANCEMENTS**

There are no new features included in this release. See Section 5 for problem resolutions.

## **4. INSTALLATION PROCEDURES**

### **4.1 HARDWARE REQUIREMENTS**

- Personal computer installed with and meeting the requirements of the programming software TQS3385 and TQS3389 with the software installed.
- Programming cable TQ3368 for the M-RK I and M-RK II or programming cable TQ3377 for the Orion.
- Programming Converter Box TQ3370.

### **4.2 SOFTWARE REQUIREMENTS**

- ProGrammer, software part number TQS3385 & TQS3389 (EDACS® and Conventional).

## 5. PROBLEM RESOLUTION

The following problems were resolved with this release of software.

REFERENCE NUMBER	PROBLEM DESCRIPTION
PROD00017217	M7100 Dual Radio Polling SLAVE function does not work properly when connected to ORION and then cannot access SLAVE radio.
PROD00018303	Orion, after coming out of WA scan, will show rapid flash of TX/RX LEDs then it reboots (G46 or higher only).

## 6. TECHNICAL SUPPORT

M/A-COM's Technical Assistance Center (TAC) resources are available to help you with overall system operation, maintenance, upgrades, and product support. TAC is your point of contact when you need technical questions answered.

Product specialists, with detailed knowledge of product operation, maintenance, and repair, provide technical support via a toll-free telephone number (in North America). Support is also available through mail, fax, and e-mail.

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