

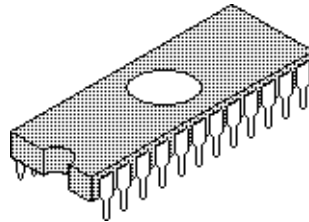
Software Release Summary

for the Notifier AM2020

Fire/Security Control Panel with

the DIA-2020 Display Interface

Assembly



AROM6N

This document covers Release 6.0 Software as it affects the following ROMs:

AROM6N-AMG	AROM6N-DIA	AROM6N-SIB
AROM6N-CPU	AROM6N-LIB	AROM6N-XP
AROM6N-AMGX4	AROM6N-AMGZC	AROM6N-LIB-B
AROM6N-AMGZCF		

CAUTION - System Reacceptance Test after Software Changes: To ensure proper system operation, this product must be tested in accordance with NFPA 72-1993 Chapter 7 after any programming operation or change in site-specific software. Reacceptance testing is required after any change, addition or deletion of system components, or after any modification, repair or adjustment to system hardware or wiring.

All components, circuits, system operations, or software functions known to be affected by a change must be 100% tested. In addition, to ensure that other operations are not inadvertently affected, at least 10% of initiating devices that are not directly affected by the change, up to a maximum of 50 devices, must also be tested and proper system operation verified.

AROM6N Inventory List

The following replacement ROMs must be ordered individually according to your system requirements. AROM6Ns cannot be used in conjunction with earlier ROMs. All system ROMs must be upgraded at the same time. (See Compatibility Warning)

AROM6N-AMG (standard AMG operation at Annunciator address 29, 30, 31, or 32)

Includes:

EPROM for AMG-1/AMG-E

Document # 15744

"Field Change Procedure for the AM2020 and AFP1010"

Document # 15889

"Voice Alarm Multiplex-2020"

AROM6N-AMGX4 (for use with 5th through 8th AMG in one system at Annunciator address 25, 26, 27, or 28)

Includes:

EPROM for AMG-1/AMG-E

Document # 15744

"Field Change Procedure for the AM2020 and AFP1010"

Document # 15889

"Voice Alarm Multiplex-2020"

AROM6N-AMGZC

(for zone coded AMG operation occupying addresses 2, 3, 4, and 5)

Includes:

EPROM for AMG-1/AMG-E

Document # 15744

"Field Change Procedure for the AM2020 and AFP1010"

Document # 15889

"Voice Alarm Multiplex-2020"

AROM6N-AMGZCF

(for zone coded AMG operation occupying addresses 2, 3, 4, and 5)

Includes:

EPROM for AMG-1/AMG-E

Document # 15744

"Field Change Procedure for the AM2020 and AFP1010"

Document # 15889

"Voice Alarm Multiplex-2020"

AROM6N-CPU

Includes:

EPROM for CPU-2020

Document # 15744

"Field Change Procedure for the AM2020 and AFP1010"

Document # 15337

"The AM2020/AFP1010 Fire Alarm Control Panel Operator's Instructions"

AROM6N-DIA

Includes:

EPROM for DIA-2020

DIA-2020 Label

Document # 15987

"LED Instruction Sheet"

Document # 15744

"Field Change Procedure for the AM2020 and AFP1010"

Document # 15088

"The AM2020/AFP1010 Manual"

Document # 15088SUP

Supplement to Document 15088

AROM6N-LIB/AROM6N-LIB-B

Includes:

EPROM for LIB-200

Document # 15744

"Field Change Procedure for the AM2020 and AFP1010"

AROM6N-SIB

Includes:

EPROM for SIB-2048

Document # 15744

"Field Change Procedure for the AM2020 and AFP1010"

AROM6N-XPP

Includes:

EPROM for XPP-1

Document # 15744

Document # 15888

"Field Change Procedure for the AM2020 and AFP1010"

"The XP Series Transponder System"

EPROM	Part #
AROM6N-AMG -----	73284
AROM6N-AMGX4 -----	73295
AROM6N-AMGZC -----	73529
AROM6N-AMGCF -----	73534
AROM6N-CPU -----	73549
AROM6N-DIA -----	73547
AROM6N-LIB -----	73539
AROM6N-LIB-B -----	73540
AROM6N-SIB -----	73496
AROM6N-XPP -----	73679

 NOTIFIER

**Field Change Procedure
for the Notifier AM2020**

Software (ROM) Upgrade

Hardware	ROM	Quantity
CPU	U2	One
LIB-200	U2	One
QW-1	U4	One

Caution: All the ROMs described here must be changed during the same procedure. Failure to do so may result in erratic or improper operation.

Field Change Procedure. (Document # 15744) provides instructions for mechanical replacement of the ROMs.

**DIA-2020
EPROM
PROG. P/N 73547**

DIA-2020 Label. Provides a quick reference to the ROM software level currently installed in the AM2020 DIA-2020 Assembly. Place this label on the inside of the DIA-2020 door during installation of the AROM6N-DIA.

☐ AC POWER

☐ FIRE ALARM

☐ TROUBLE/
SECURITY ALARM

☐ DISPLAY TROUBLE

☐ SIGNAL SILENCE

15454 Mylar Security LED Overlay

When software is upgraded to this level, the label shown above must be placed over the existing DIA-2020 LED legend (if the existing legend differs from the above).

AROM6N Special Features/Notes for the DIA-2020

Selectable Drift Compensation

This feature makes the NFPA 72-1993, Chapter 6 sensitivity calibrated test for intelligent detectors software selectable.

NOTE: When the software provided with this upgrade kit is installed, the NFPA 72-1993, Chapter 6 Sensitivity Calibrated Test and Drift Compensation features will be automatically disabled. The installer must re-enable Drift Compensation (See the AM2020/AFP1010 Programming Manual, Document 15334) in order to restore the NFPA 72-1993, Chapter 6 Sensitivity Calibrated Test and Drift Compensation features.

UL1076/UL1610 Security

This feature allows the AM2020/AFP1010 to act as a combination fire/security protective signaling system. The AM2020/AFP1010 is suitable for use as a Grade AA, Grade A, or Grade B Central Station and Proprietary Burglar Alarm Protected Premises and Receiving Unit, only after all installation requirements outlined and programming guidelines described in the AM2020/AFP1010 manuals have been adhered to. This feature utilizes four new software type IDs: SARM, SACM, SSYM, and SEQM in addition to a new control-by-time function SDEL.

UL864 Revised Standard for DACT Operation

The Fire Alarm Control Panel must delay the reporting of A.C. power loss to the digital alarm communicator. A new software type ID, DACT, is used with a CMX control module to accomplish this.

Zone Coded Voice

For female zone coded voice, the AMG-1 requires the installation of both an AROM6N-AMGZCF chip and a VROM-135 chip.

Previous AM2020 Software Releases

(The following features are included in the current software release)

ROMSC1-2020

- Enhanced Time/Date Input Format
- Keyboard Operation and Terminal Supervision
- Disabling the Piezo Sounder
- Enhanced READ STATUS Options
- Finding the Parentheses Keys
- Latching LEDs on the SLC Loop
- Self-Restoring Initiating Device Troubles
- Peripheral Communication Rate

ROMSC2-2020

- Enhanced Read Status Option
- System and Point Status Reports
- Terminal Status Line Enabling
- Detector Sensitivity Selection
- Initiating Device Tracking Option
- Software Type I.D. Grouping
- Event-Pending Software Types
- CPU/DIB Communications Failure Signal
- P-80 Printer Troubleshooting Tip

ROMSC3-2020 (Rev A)

- Maintenance Alert
- Low Chamber Value

ROMSC3-2020 (Rev B, & C)

- Maintenance Alert
- Low Chamber Value
- Display Monitor Capacity

ROMSC3-2020 (Rev D)

- Maintenance Alert.
- Low Chamber Value
- Display Monitor Capacity.
- Hardware/Software Compatibility.

AROM-4 (Rev A, B, C, D, E & F)

- AMG-1 Address Change
- ALL CALL Function
- AMG-1 Functions
- Dual Stage Operation (for Canada only)
- XPP-1 Relay Mapping Change

- Non-Latching Inputs
- ISIB Isolation
- Annunciators
- CGAS, AMNET, and AUTOPLEXOR Compatibility Warning
- History Mode
- Disable
- Control
- Signal Silence/Signal Cut-out Times
- Local Mode
- Signal Silence Operation
- Type I.D.'s
- Time/Date
- PRN-2 Paper Out/Off-line
- NFPA
- Terminal Beep

AROM5 (Rev A)

- Battery Charger Control
- Block Acknowledge
- Control-By-Time
- Control Module Reporting
- Day/Night Sensitivity
- Device Blink
- Disabled Zones
- Event Reminder
- Expanded Read Status Functions
- Expanded Status Line
- Expanded User Reports
- LED Latching
- Local Printer
- New Type I.D.'s
- NIB Trouble Reporting
- Non-Alarm Module Reporting
- Periodic Detector Test
- Prior/Next/Autostep Keys
- Remote Page
- Upload/Download of AM2020 Programming
- Verification Counter Reset
- Walk Test

AROM5 (Rev B - C)

- Zone Coded Synthesized Chime
- Zone Coded Voice

AROM5 (Rev D - F)

- New AMG Boards

AROM5 (Rev G-I)

- 72E Sensitivity Calibrated Test
- Drift Compensation
- Manual Reset of automatically activated control modules.

AROM6N (Rev A-B)

- Selectable Drift Compensation
- UL1076/UL1610 Security

AROM6N (Rev C-F)

- Revised Standard for DACT Operation

AROM6N (Rev G-H)

- Zone Coded Voice (Female)

Compatibility Warning

Software Combinations: All software part numbers are not compatible with each other. Improper mixing of software part numbers may compromise LifeSafety functions. If in doubt about the compatibility of a particular software combination, consult the factory.

CGAS, AMNET and AUTOPLEXOR

This software is not compatible with earlier versions of CGAS, AMNET and AUTOPLEXOR systems. Software in these items must be upgraded for compatibility.