

PROGRAMMING RECORD SHEET FOR THE MAGNUM ALERT-854

| FEATURE | GROUP 1 | | | | | | | | GROUP 2 | | | | | | |
|--|---------|-----|-----|-----|-----|-----|-----|-------|---------|---------|----------|---------|------------|-------|---------|
| | ZONE | | | | | | | PANIC | FIRE 8 | AR-BUSH | FIRE TBL | DAY TBL | TEST TIMER | NO AC | LOW BAT |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 8 | | | | | | |
| REPORT ON ALARM | 166 | 166 | 166 | 166 | 167 | 167 | 167 | 167 | 168 | 168 | 168 | 168 | 169 | 169 | 169 |
| CONTROL-CENTER RESTORAL ⁽¹⁾ | 170 | 170 | 170 | 170 | 171 | 171 | 171 | 171 | 172 | 172 | 172 | 172 | 173 | 173 | 173 |
| ZONE RESTORAL ⁽¹⁾ | 184 | 184 | 184 | 184 | 185 | 185 | 185 | 185 | | | | | | | |
| DAY ZONE | 186 | 186 | 186 | 186 | 187 | 187 | 187 | 187 | | | | | | | |
| PRIORITY WITH BYPASS ⁽²⁾ | 188 | 188 | 188 | 188 | 189 | 189 | 189 | 189 | | | | | | | |
| PRIORITY | 190 | 190 | 190 | 190 | 191 | 191 | 191 | 191 | | | | | | | |
| REMOVE AUTO-SHUNT ⁽²⁾ | 192 | 192 | 192 | 192 | 193 | 193 | 193 | 193 | | | | | | | |
| SELECTIVE SHUNT | 194 | 194 | 194 | 194 | 195 | 195 | 195 | 195 | | | | | | | |
| GROUP SHUNT | 196 | 196 | 196 | 196 | 197 | 197 | 197 | 197 | | | | | | | |
| 24-HOUR PROTECTION | 198 | 198 | 198 | 198 | 199 | 199 | 199 | 199 | | | | | | | |
| AUTO-RESET | 200 | 200 | 200 | 200 | 201 | 201 | 201 | 201 | | | | | | | |
| EXIT/ENTRY ZONE (ENTRY DELAY 1) | 202 | 202 | 202 | 202 | 203 | 203 | 203 | 203 | | | | | | | |
| EXIT/ENTRY ZONE (ENTRY DELAY 2) | 204 | 204 | 204 | 204 | 205 | 205 | 205 | 205 | | | | | | | |
| EXIT/ENTRY FOLLOWER | 206 | 206 | 206 | 206 | 207 | 207 | 207 | 207 | | | | | | | |
| ABORT DELAY | 208 | 208 | 208 | 208 | 209 | 209 | 209 | 209 | | | | | | | |
| BURGLARY OUTPUT | 210 | 210 | 210 | 210 | 211 | 211 | 211 | 211 | | | | | | | |
| RELAY OUTPUT | 212 | 212 | 212 | 212 | 213 | 213 | 213 | 213 | | | | | | | |
| 7ms LOOP RESPONSE ⁽³⁾ | 214 | 214 | 214 | 214 | 215 | 215 | 215 | 215 | | | | | | | |
| 50ms LOOP RESPONSE ⁽³⁾ | 216 | 216 | 216 | 216 | 217 | 217 | 217 | 217 | | | | | | | |

| | | |
|----------------------|---------|---------|
| (seconds or minutes) | | |
| TIME | 1st BOX | 2nd BOX |
| 5 | 5 | NONE |
| 15 | F | NONE |
| 30 | E | 1 |
| 45 | d | 2 |
| 60 | C | 3 |

| | | |
|-----|-----|---------------------------|
| 248 | 249 | TEST-TIMER OFFSET (hours) |
|-----|-----|---------------------------|

| | | |
|-----|-----|-------------------------|
| 218 | 219 | EXIT DELAY (seconds) |
| 220 | 221 | ENTRY DELAY 1 (seconds) |
| 222 | 223 | ENTRY DELAY 2 (seconds) |
| 232 | 233 | ABORT DELAY (seconds) |

| | | |
|-----|-----|-------------------------------|
| 224 | 225 | BURG. TIME-OUT (minutes) |
| 226 | 227 | RELAY TIME-OUT (minutes) |
| 228 | 229 | FIRE TIME-OUT (minutes) |
| 230 | 231 | DOOR-CHIME TIME (1/4 seconds) |

| | |
|--|-----|
| TOUCH-TONE ⁽⁴⁾ DIALING | 178 |
| TOUCH-TONE ⁽⁴⁾ /ROTARY BACKUP | 178 |
| BACKUP REPORTING | 178 |
| DOUBLE REPORTING | 178 |
| OPENING REPORT AFTER ALARM | 179 |
| CONDITIONAL CLOSING REPORT | 179 |
| CONDITIONAL CLOSING/STATUS REPORT | 179 |
| SPLIT REPORTING | 179 |
| AUDIBLE TEST ON ARMING | 180 |
| AUTO RESET AFTER ALARM TIME-OUT | 180 |

| | |
|--|-----|
| COME UP ARMED AFTER POWER FAILURE ⁽⁴⁾ | 180 |
| PULSE BELL/SWEEP OUTPUT | 181 |
| RESET OUTPUT-RELAY DEVICES | 181 |
| ENABLE ZONE 8 AS FIRE ZONE | 181 |
| RESET TEST TIMER ON REPORT | 181 |
| DISABLE FAULT FIND | 182 |
| ENABLE KEYPAD PANIC | 182 |
| ENABLE COMMUNICATOR CONFIDENCE TEST | 182 |
| DISABLE BELL TEST | 182 |
| DISABLE SWINGER SHUTDOWN | 183 |

Example: For 2 seconds, enter "8" in loc. 230



- PROGRAMMING NOTES**
- 1 When programming ZONE RESTORAL, CONTROL-CENTER RESTORAL must also be programmed.
 - 2 When programming PRIORITY WITH BYPASS, do not program REMOVE AUTO SHUNT.
 - 3 If neither 7 nor 50ms LOOP RESPONSE is programmed, loop response will be 750ms.
 - 4 Zones 5 and 6 will be delayed. See GLOSSARY.

PROGRAMMING RECORD SHEET FOR THE MAGNUM ALERT-854
Communicator Transmission Information

| ALARM/TROUBLE CODES | GROUP 1 | | | | | | | | GROUP 2 | | | | | | | |
|-----------------------|---------|-----|-----|-----|-----|-----|-----|-------|---------|---------|----------|---------|----------|-------|---------|--|
| | ZONE | | | | | | | PANIC | FIRE | AR-BUSH | FIRE TBL | DAY TBL | TEST TBL | NO AC | LOW BAT | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | | | | | | |
| Single Digit | 000 | 002 | 004 | 006 | 008 | 010 | 012 | 014 | 016 | 018 | 020 | 022 | 024 | 026 | 028 | |
| Extended or Two Digit | 001 | 003 | 005 | 007 | 009 | 011 | 013 | 015 | 017 | 019 | 021 | 023 | 025 | 027 | 029 | |
| RESTORE CODES | | | | | | | | | | | | | | | | |
| Single Digit | 040 | 042 | 044 | 046 | 048 | 050 | 052 | 054 | 056 | 058 | 060 | 062 | 064 | 066 | 068 | |
| Extended or Two Digit | 041 | 043 | 045 | 047 | 049 | 051 | 053 | 055 | 057 | 059 | 061 | 063 | 065 | 067 | 069 | |

| OPENING/CLOSING CODES | Closing User | | | | Conditional Closing | Opening User | | | |
|------------------------|--------------|-----|-----|-----|------------------------|--------------|-----|-----|-----|
| | 1 | 2 | 3 | 4 | | 1 | 2 | 3 | 4 |
| Single Digit | 030 | 032 | 034 | 036 | 038 | 070 | 072 | 074 | 076 |
| Extended or Two Digit | 031 | 033 | 035 | 037 | 039 ⁽¹⁾ | 071 | 073 | 075 | 077 |
| Select User(s) Closing | 174 | 174 | 174 | 174 | Select User(s) Opening | 176 | 176 | 176 | 176 |
| | 1 | 2 | 4 | 8 | | 1 | 2 | 4 | 8 |

| KEYPAD CODES (Do not enter zeros) | Ambush | Program (Must be programmed) | Fallback |
|--------------------------------------|--------|---------------------------------|-------------------------|
| | | 236 237 | 238 239 240 241 242 243 |

| SUBSCRIBER I.D. NUMBERS | Alarm/Restoral ID ⁽²⁾ | | | | Opening/Closing ID ⁽³⁾ | | | | | | | |
|-------------------------|----------------------------------|-----|---------|-----|-----------------------------------|-----|---------|-----|-----|-----|-----|-----|
| | GROUP 1 | | GROUP 2 | | GROUP 1 | | GROUP 2 | | | | | |
| Telephone 1 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 |
| Telephone 2 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 |

| Telephone | Format Rcvr Data | Pre-Dial Delay | Access Number | Dial-Tone Detection | Telephone Number | | | | | | | |
|-------------|------------------|----------------|---------------|---------------------|------------------|-----|-----|-----|-----|-----|-----|-----|
| | Telephone 1 | 112 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 |
| Telephone 2 | 144 145 | 146 | 147 | 148 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | |
| | | | | | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 |
| | | | | | 157 | 158 | 159 | 160 | 161 | 162 | 163 | |

| ENTRY | RECEIVER FORMAT |
|-------|---|
| Blank | ADEMCO, SILENT KNIGHT "SLOW" |
| 1 | SESCOA, VERTEX, DCI, FRANKLIN ⁽⁴⁾ |
| 2 | RADIONICS "FAST" ⁽⁴⁾ |
| 3 | SILENT KNIGHT "FAST" |
| 4 | RADIONICS, DCI, FRANKLIN "SLOW" ⁽⁴⁾ |
| 5 | (RESERVED) |
| 6 | (RESERVED) |
| 7 | RADIONICS BFGK ⁽⁴⁾ |
| 8 | FOR 2300Hz HANDSHAKE, ADD AN "8" TO THIS LOCATION |

| ENTRY | DATA FORMAT |
|-------|--------------------------|
| Blank | EXTENDED OR SINGLE DIGIT |
| 1 | SINGLE DIGIT |
| 2 | TWO DIGIT (OR 4/2) |
| 4 | SUM CHECK |

- NOTES:**
- (1) TWO-DIGIT FORMAT ONLY.
 - (2) GROUP-2 CODES MUST BE ENTERED, EVEN IF THEY ARE THE SAME AS GROUP-1 CODES.
 - (3) MUST BE PROGRAMMED IF OPENING/CLOSING CODES ARE PROGRAMMED.
 - (4) THESE FORMATS TYPICALLY USE A 2300Hz HANDSHAKE; ADD AN "8" TO THIS ENTRY.