



UNR-01VHF

RadioAlert 816

8/16 Zone Alarm Panel
integrated with
Radio Monitoring Transmitter



System programming modes

(Ver.20080128)

MESSER
RADIO PRODUCTS COMPANY

P R O D U C T O F P O L A N D

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Installer Programming Modes:

Installer modes are divided into five programming windows. Installer modes cannot be run without Main User permission. It is one time needed and obtains till Main User's revocation. To change permission:

- BYPASS, Main User Code (1111),ENTER
- Press ↓ arrow
- Change "Setup Enabled" On or Off using ARM switch

Press PROG, ENTER to leave the mode.

"Installer's code changing"

0, PROG,Installer code (12341234)*, ENTER

- type new code and confirm with ENTER

Press PROG, ENTER to leave the mode.

* 12341234 is Default Factory Installer Code (DFIC).

It must be changed into any personal Installer code.

If any option of listen below will be used with DFIC, the system automatically jump to the "Installer code changing" option to force the changing DFIC into new personal code.

After any program window opening you can:

- move the cursors with the ← and → arrows
- change screens with the ↓ down ↑ arrows
- on/off the options with ARM switch
- always press PROG, ENTER to leave whole the mode.

"Zone types, assignments and options"

1, PROG, Installer code (12341234)*, ENTER

- NO/NC Zone
- Parametric Zone (future solution)
- 24h Zone
- Stay/Away (Night/Day) Zone
- Entry (Delayed) Zone
- Bypass Zone
- Zone in Partition A
- Zone in Partition B
- Zone at Frequency F1
- Zone at Frequency F2
- (Radio) Event in Partition A
- (Radio) Event in Partition B
- (Radio) Event Frequency F1
- (Radio) Event Frequency F2
- External devices:
 - Keyboard 1 is assigned to Partition A
 - Keyboard 2 is assigned to Partition A
 - Keyboard 3 is assigned to Partition A
 - Keyboard 4 is assigned to Partition A
 - Keyboard 1 is assigned to Partition B
 - Keyboard 2 is assigned to Partition B
 - Keyboard 3 is assigned to Partition B
 - Keyboard 4 is assigned to Partition B
 - Reserve (future solution)
 - Zone Expander in System
 - Phone Expander (future solution)
- Options:
 - Bypass to DisArm
 - Reserve (future solution)
 - Alarms Counter On
 - Arming Zone On
 - Status Monitoring
 - Test AutoReset
 - Quick-Arming enable (no code)
 - Reserve (future solution)
 - English language

Press PROG, ENTER to leave the mode.

"System timers"

2, PROG, Installer code (12341234)*, ENTER

- Repetitions
- Test repetition
- Test delay [hrs]
- Test interval [hrs]
- BATTery check [min]
- 220V check [min]
- Entry delay [sec]
- Exit delay [sec]
- OUTput1 timer [sec]
- OUTput2 timer [sec]
- OUTput3 timer [sec]
- OUTput4 timer [sec]
- KEYB1 (output5) timer [sec]
- KEYB2 (output6) timer [sec]
- KEYB3 (output7) timer [sec]
- KEYB4 (output8) timer [sec]

Press PROG, ENTER to leave the mode.

"System outputs"

3, PROG, Installer code (12341234)*, ENTER

- TEST (signal) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- USER1 (signal > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- ...
- USER7 (signal > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- LowBATT (alarm) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- 220VAC (alarm) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- Reserve (sign.) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- FIRE (keyboard alarm) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- MEDICAL (keyboard alarm) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- POLICE (keyboard alarm) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- TAMPER (keyboard alarm) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- BUS (alarm) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
- Z01 (zone alarm) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve
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- Z16 (zone alarm) > Out1, Out2, Out3, Out4, Keyb1, Keyb2, Keyb3, Keyb4, Reserve

Press PROG, ENTER to leave the mode.

"Event radio codes"

4, PROG, Installer code (12341234)*, ENTER

(change the codes using ← and → arrows)

- Periodic test code (00-FF)
- User1 ARM code (00-FF)
- ...
- User7 ARM code (00-FF)
- LowBATT Alarm code (00-FF)
- 220VAC Alarm code (00-FF)
- RSV (reserve) Alarm code (00-FF)
- FIRE Alarm code (00-FF)
- MEDICAL Alarm code (00-FF)
- POLICE Alarm code (00-FF)
- TAMPER Alarm code (00-FF)
- BUS Alarm code (00-FF)
- Zone1 Alarm code (00-FF)
- ...
- Zone16 Alarm code (00-FF)
- Optional test code (00-FF)
- ...
- User1 DisArm code (00-FF)
- ...
- User7 DisArm code (00-FF)
- LowBATT Restore code (00-FF)
- 220VAC Restore code (00-FF)
- RSV (reserve) Restore code (00-FF)
- BYPASS info code (00-FF)
- STAY info code (00-FF)
- Reserve code (00-FF)
- TAMPER Restore code (00-FF)
- BUS Restore code (00-FF)
- Zone1 Restore code (00-FF)
- ...
- Zone16 Restore code (00-FF)
- Optional test code (00-FF)

Press PROG, ENTER to leave the mode.

"Descriptions programming"

Alarm zones, events and Users descriptions are recorded in the keypads and can be freely changed:

- disconnect the bus wires, open the keypad case (tamper) then connect the power supply only having switches B and CHIME pressed on,
- choose the position of the cursor with the → and ← arrows
- edit character with the ↓ and ↑ cursor arrows
- change description with A and B switches
- jump 16 characters forward or backward with 4 i 6 switches
- press ENTER after edition ending.

Each zone description may be read after ↓ switch pressing then choosing required zone with the → and ← cursors.

"Keypad address programming"

System RadioAlert 816 can be controlled with four keypads. Each keypad have its own reprogrammable system address and is assigned to selected partition. There is not allowed to connect two keypads with the same address number.

To change an address number:

- disconnect the bus wires
 - open the keypad case (tamper)
 - connect the power supply having switches A and B pressed on
- choose an address using the → and ← arrow cursors

press ENTER to leave the mode.

User Programming Modes:

User #1 (Main User) is the only one who may:

- to give the rights for other Users to bypass the zones
- to give the rights for Installer to run the System program mode
- to program all Users' codes
- to program the system Time and Date

"Setting the Users' rights for Zone bypassing"

BYPASS, Main User code (1111)*, ENTER, ↓

- select required User using the → and ← arrows
- set his rights on or off with ARM button

Press PROG, ENTER to leave the mode.

* 1111 is Default Main User Code.

"Setting the Installer's rights for System programming"

(It is one time needed and obtains till Main User's revocation)

BYPASS, Main User code (1111), ENTER, ↓

- set On or Off the "Setup enabled" option using the ARM button

Press PROG, ENTER to leave the mode.

"Users' codes programming"

(The code must have at least 4 digits)

PROG, Main User code (1111), ENTER

- choose required Users' code with ↓ and ↑ cursors
- enter new code and confirm with ENTER
- enter and modify next codes.

Press PROG, ENTER to leave the mode.

"Time/Date programming mode"

CHIME, Main User code (1111)*, ENTER

- select required parameter with the ↓ and ↑ cursor arrows
- enter the value using the → and ← arrows

Press PROG, ENTER to leave the mode.