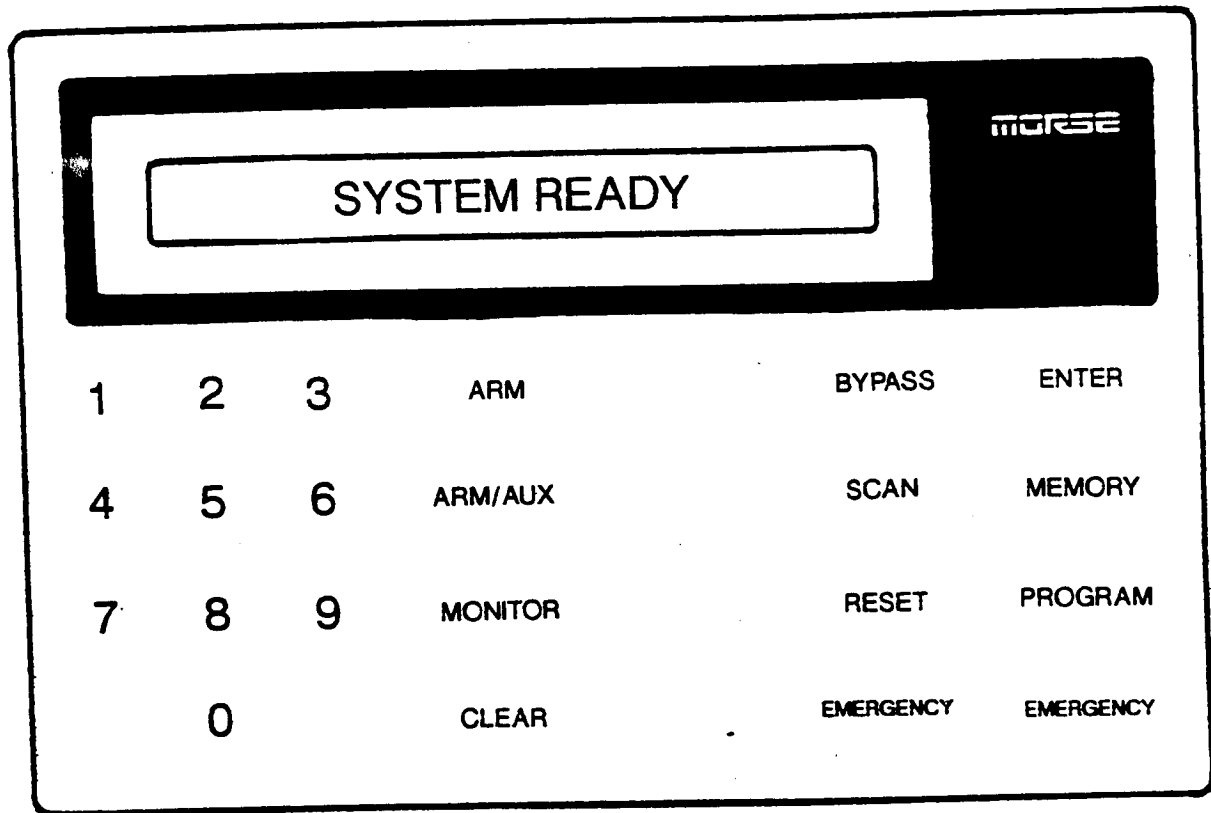


# Installation and Operating Instructions

## Operating Instructions



MDC-8C DIGITAL CONTROL COMMUNICATOR and MPC-8D PERSONAL CONTROL



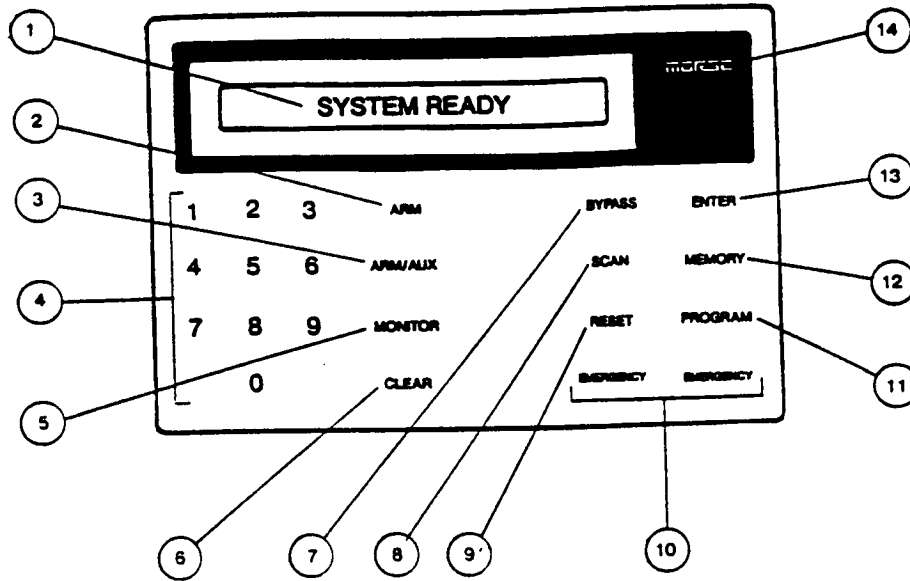
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# I. DESCRIPTION OF CONTROLS

## MPC-8D PERSONAL CONTROL



<u>ITEM</u>	<u>CONTROL</u>	<u>DESCRIPTION</u>
1	DISPLAY	See Operating Procedure.
2	ARM	Automatically arms the system in an On-Premise or Off-Premise mode.
3	ARM/AUX	Automatically arms the system in the On-Premise and Off-Premise modes simultaneously.
4	10-DIGIT KEYBOARD	Use to select your Personal Identification Number (PIN). PIN must be entered prior to performing all functions.
5	MONITOR	Used to select Monitor Mode of preselected zones when system is disarmed.
6	CLEAR	Used to return to "NEXT COMMAND" or "SYSTEM READY" status.
7	BYPASS	Enables selective zone bypass*.
8	SCAN	Enables sequential zone and user scan.
9	RESET	Enables system functions to be manually reset*.
10	EMERGENCY	Depressing of both buttons at the same time (for 1 second) automatically sends an emergency signal to the central station.*
11	PROGRAM	Enables programming of PIN's and Authorization Levels.
12	MEMORY	Enables display of zones that were in alarm during the previous "armed" mode.
13	ENTER	In program mode, enables entering of program information.
14	LOGO	Illuminates red or green, depending on system status.

\* Check with your alarm company for this feature.

## II. GENERAL INFORMATION

### A. PERSONAL IDENTIFICATION NUMBER (PIN)

1. Each user can have his own PIN (up to 16 users).
2. PINs are always 4 digits.
3. When programming, the first digit displayed refers to the authorization level and the next four digits are the PIN.
4. Entering a PIN already in the system will display "DUPLICATE PIN".  
Re-enter another number.
5. Each user may have his own Duress Code, or a common Duress Code number can be used. The Duress Code allows user to Arm or disarm and automatically send a silent emergency signal to the central station. Check with your alarm company for this feature.

### B. AUTHORIZATION LEVELS

There are four authorization levels:

Level 1 User can Arm system and Disarm system, Bypass Zones and Program other user PINs.

Level 2 User can Arm system, Disarm system, and Bypass zones.

Level 3 User can Arm and Disarm system only.

Level 4 User can Arm system only.

User #1 always has an authorization Level 1 and this cannot be changed.

### C. POWER FAILURE INDICATION

Your security system is supplied with rechargeable standby batteries in case of a power failure.

If a power failure should occur the logo (GREEN OR RED) will start flashing.

This indicates your alarm system is now operating on battery only. If there has not been a general power failure, you should check to see if someone has turned off the circuit breaker or unplugged the transformer which operates your alarm system. If you cannot correct the problem, please notify your alarm company.

### D. IDENTIFYING ZONES IN TROUBLE

Display will scroll:  
And keypad will sound continuous tone.

Enter valid PIN. Tone will be silenced and display will read:

Press [SCAN] until zone(s) in trouble appears in display.

Press [CLEAR] to return to "System Ready".

XX ZONES
-----
IN TROUBLE

NEXT COMMAND
--------------

**E. SEQUENTIAL ZONE SCANNING**

Users with authorization Level 1 or 2 can scan zones by entering their PIN and pressing [SCAN] repeatedly.

**F. BRIGHTNESS ADJUSTMENT FOR PERSONAL CONTROL WITH BACKLIT DISPLAY**

To increase brightness, press [BYPASS] and [ENTER] simultaneously.

To decrease brightness, press [SCAN] and [MEMORY] simultaneously.

### III. SECURING THE SYSTEM (Before Arming)

1. If all zones are secured, the display will scroll:

SYSTEM READY  
-----  
ZONES NORMAL

If so proceed to paragraph IV. "ARMING THE SYSTEM".

2. If some zones are violated the display will read:

SYSTEM READY

3. After selecting your mode of arming (see page 5) enter a valid PIN and press [ARM] or [ARM/AUX].

The display will scroll:  
("XX" designates number of zones open)  
Press [SCAN]

XX ZONES  
-----  
NOT READY

4. If more than one zone is open, repeated depression of [SCAN] will indicate each open zone.

ZONE 1  
-----  
IS OPEN

5. Secure or Bypass the open zones, the display will now scroll "NORMAL" or "BYPASS" for these zones. (Refer to Section VI, Page 7 for "BYPASS" instructions.)

ZONE 1  
-----  
IS NORMAL

OR  
ZONE 1  
-----  
IS BYPASSED

6. With all zones secured or bypassed, press [SCAN] again and the display will read:

ALL ZONES READY

7. Then press [CLEAR], the display will read:  
System can now be armed.

NEXT COMMAND

#### IV. ARMING THE SYSTEM

There are 3 modes of arming the system:

- "A" - Everyone leaves the premises.
- "B" - Everyone stays within the premises.
- "C" - Someone stays on premises or leaves, allowing re-entry through designated delay door.

With all zones secured the display will scroll:

SYSTEM READY
-----
ZONES NORMAL

#### MODE A: ARMING IN OFF-PREMISE MODE.

ENTER A VALID PIN AND PRESS [ARM]  
The display will scroll:

SYSTEM ARMING
-----
EXIT NOW

If you are leaving the premise you must exit through the designated delay zone within the exit delay time. After the delay time has expired all zones will be armed and the display will read:

SYSTEM ARMED
--------------

The illuminated logo will now change from green to red.

#### MODE B: ARMING IN ON-PREMISE MODE.

ENTER A VALID PIN AND PRESS [ARM]  
The display will scroll:

SYSTEM ARMING
-----
EXIT NOW

If you are staying on premise the system will arm with all interior zones "off" and after the delay time has expired the display will scroll:

SYSTEM ARMED
-----
ON PREMISE

The illuminated logo will now change from green to red.

#### MODE C: ARMING IN a COMBINED OFF-PREMISE and ON-PREMISE MODE.

ENTER A VALID PIN AND PRESS [ARM/AUX]  
The display will scroll:

SYSTEM ARMING
-----
EXIT NOW

You can either stay on premise or exit thru the designated delay zone within the delay time. After the delay time has expired, the system will arm with all interior zones "off" and the designated door will be preset for delayed entry. The display will scroll:

SYSTEM ARMED
-----
ON PREMISE

The illuminated logo will now change from green to red.

V. DISARMING THE SYSTEM

ENTER A VALID PIN TO DISARM

The display will read:

NEXT COMMAND

At this time you can perform another function, or in 15 seconds the system will automatically return to scrolling:

SYSTEM READY  
-----  
ZONES NORMAL

If the system was in an alarm condition prior to disarming, upon disarming the display will scroll: ("XX" designates the number of zones violated.)

XX ALARMS  
-----  
OCCURRED

Press [MEMORY]. The first zone that went into alarm will scroll in the display:

FIRST ALARM  
-----  
ZONE 1

Press [SCAN]. Other zones that were violated will scroll in the sequence in which they occurred.

SECOND ALARM  
-----  
ZONE 3

PRESS [CLEAR] to return to:

NEXT COMMAND

PRESS [CLEAR] to return to scrolling display:

SYSTEM READY  
-----  
ZONES NORMAL

---

TO RESET SMOKE DETECTORS:

Enter a valid PIN and press [RESET].



## VI. ZONE BYPASSING

### A. BYPASSING A ZONE

ENTER A VALID PIN AND PRESS [SCAN]

"ZONE X" and its status will scroll in the display ("X" designates the zone number.)

ZONE X
-----
IS

To Bypass zone press [BYPASS]  
The display will scroll:

ZONE X
-----
IS BYPASSED

PRESS [SCAN] to step through all zones in this manner and select which ones you wish to manually bypass.

PRESS [CLEAR] to return to:

NEXT COMMAND
--------------

PRESS [CLEAR] to return to scrolling display:

SYSTEM READY
-----
ZONES BYPASSED

**NOTE:** All zones bypassed will remain bypassed until system is armed and disarmed. Then all bypasses will automatically be cancelled.

### B. TO RESET A BYPASSED ZONE

ENTER A VALID PIN AND PRESS [SCAN]  
until selected zone is scrolling in display:

ZONE X
-----
IS BYPASSED

PRESS [RESET] -- display will scroll "NORMAL" for that zone (unless it is open or in trouble).

ZONE X
-----
IS NORMAL

PRESS [SCAN] to identify other zones to be reset and repeat above procedure.

PRESS [CLEAR] to return to:

NEXT COMMAND
--------------

PRESS [CLEAR] to return to scrolling display:

SYSTEM READY
-----
ZONES NORMAL

VII. MONITOR MODE

ENTER A VALID PIN AND PRESS [MONITOR]

"MONITOR MODE" will appear and remain in display until cancelled.

MONITOR MODE

Activation of each zone preselected for "MONITOR" will cause one of the following:

- A. If no display or acknowledgement has been programmed a one second audible tone from the Personal Control.
- B. If display has been programmed, a one second audible tone from the Personal Control, and momentary display of the violated zone(s).
- C. If acknowledgement has been programmed, continuous audible tone from the Personal Control until acknowledged by pressing [RESET]. [RESET] must be pressed for each violated zone.
- D. If display and acknowledgement are programmed, a continuous audible tone from the Personal Control, and display of the violated zone until acknowledged by pressing [RESET]. [RESET] must be pressed for each violated zone.

TO CANCEL MONITOR MODE:

ENTER A VALID PIN.

The display will read:

PRESS [CLEAR] to return to scrolling display:

NEXT COMMAND

SYSTEM READY

-----  
ZONES NORMAL

## VIII. PROGRAMMING PERSONAL IDENTIFICATION NUMBERS (PIN)

A user with an authorization level 1 can program other user PIN's.

1. ENTER A VALID PIN AND PRESS [PROGRAM]  
The display will scroll:

USER NUMBER
-----
PIN

The display identifies the user and authorization level, followed by the four digit PIN.

NOTE: The authorization level of user number 1 will always be 1 and cannot change; however, the PIN can be changed.

To change the PIN, enter 4 new digits.

The new numbers will now be scrolling in the display.

USER NUMBER 1
-----
PIN 1 YYYY

Press [ENTER].

If you've made a mistake, press [CLEAR] before [ENTER] and enter 4 new digits.

Press [SCAN].

If the system has been programmed for Duress, the duress PIN for user number 1 will be scrolling in the display.

USER NUMBER 1
-----
DURESS XXXX

To change or add this number, enter 4 new digits.

Press [ENTER], the new Duress PIN will now scroll in the display.

USER NUMBER 1
-----
DURESS ZZZZ

Press [SCAN] to step through other users, where changes or additions may be required.

To change next User's PIN enter the authorization level number (1 thru 4), and 4 digit PIN.

Press [ENTER], the new authorization level and PIN will appear fixed in the display:

USER NUMBER Y
-----
PIN Y YYYY

Press [CLEAR] to return the system to standard operating condition.