



INTERACTIVE TECHNOLOGIES, Inc.
2266 SECOND STREET NORTH
NORTH SAINT PAUL, MN 55109
T: 612/777-2690
F: 612/779-4890

WIRELESS

Security
Automation
Access Control

TRAINING

Commander 2000

and Custom Versions

QUICK REFERENCE CARD

This card provides information on programming and operating the Commander® 2000 and Custom Versions.

Function	Command	Function	Command
Access code: change primary	primary access CODE + STATUS + 8 + [new primary CODE]	Bypass sensor when armed to level 2 or level 3	access CODE + BYPASS + [2-digit sensor no.]
Access code: change temporary	primary access CODE + STATUS + 7 + [new temporary CODE]	Chime: on/off	access CODE + 7
Alarm memory: review	COMMAND + STATUS	Disarm: level 1	access CODE + 1
Arm: level 2	access CODE + 2	Lights: on/off	access CODE + 0
Arm: level 2, no delay	access CODE + 2 + 4	Phone test on	access CODE + 8
Arm: level 2 & bypass sensor	access CODE + 2 + BYPASS	Sensor test on	access CODE + 9
Arm: level 3	access CODE + 3	Speaker volume: increase/decrease	Press and hold COMMAND
Arm: level 3, no delay	access CODE + 3 + 4	Status: review system status	STATUS
Arm: level 3 & bypass sensor	access CODE + 3 + BYPASS	—	—

Listed below are all of the steps required to program a new monitored panel with the following optional devices: the Wireless Interior Siren (WIS), Interrogator®, and X-10® Lamp Modules. If the system does not include an optional device, skip the steps referring to that device.

Enter program mode

1. Enter the primary access CODE + 1. The panel says, *Alarm system is off.*
2. Loosen battery door screws until the READY light turns off.
3. Enter the installer (4 + 3 + 2 + 1) or dealer programming code. The panel lights flash, and the panel beeps to indicate that the panel is in program mode.

Clear panel memory

4. Press POLICE + POLICE + AUX + AUX. The panel says, *Memory good-bye, system [software revision level].*
5. Enter 4 + 3 + 2 + 1 or [the dealer programming code]. The panel lights flash and the panel beeps to indicate that the panel is in program mode.

Add wireless sensors

6. Press STATUS + [2-digit sensor group #]. The panel says, *Sensor level [group #].*
7. Enter [2-digit sensor #]. The panel says, *Sensor [sensor #].*
8. Trip the sensor. The panel says, *[Sensor #] okay. Sensor [next available sensor #].*
9. Trip other sensors until a new group number is needed, and then repeat steps 6 and 7.
10. When all sensors are added, press COMMAND. The panel says, *Invalid, try again.*

Add wireless touchpads

11. Press STATUS + STATUS + [1-digit touchpad ID #, 1-4].

12. Press BYPASS on a touchpad or the arm and disarm buttons at the same time on a keychain touchpad. The panel says, *[ID #] okay.*

Setup central station monitoring

13. Press FIRE + FIRE + STATUS + [5-digit acct #]. The panel says, *[acct #] okay.*
14. Press FIRE + FIRE + BYPASS + [primary phone #]. The panel says, *[phone #] okay.*

Set house code for X-10 Modules, WIS, and Interrogator

15. Press FIRE + FIRE + [3-digit house code]. The panel says, *[house code #] okay.*

Turn on Interrogator

16. Press AUX + AUX + STATUS + 20 to turn feature no. 20 on. The panel says, *20 on.*
17. Press AUX + AUX + STATUS + 20 to turn feature no. 27 on. The panel says, *27on.*

Exit Program Mode

18. Seat battery door and tighten screws. The panel lights stop flashing and the panel stops beeping.

Send house code to WIS

19. Press STATUS to program the WIS with the house code. The WIS sounds one beep.

PROGRAMMING COMMANDS

You must be in program mode (see *Program mode: enter* in table) to perform the commands listed in the table below.

Function	Command	Choices
Account number	FIRE + FIRE + STATUS + [5-digit acct. #]	Any five digits
Clear panel memory	POLICE + POLICE + AUX + AUX	
Delay: set entry	POLICE + POLICE + STATUS + [2-digit delay time]	08 to 88
Delay: set exit	POLICE + POLICE + BYPASS + [2-digit delay time]	08 to 88
DTMF dialing: on/off	AUX + AUX + STATUS + 22	On = DTMF (default), off = pulse
Duress code: set	POLICE + POLICE + [2-digit duress code]	00 to 99
Feature number: set	AUX + AUX + STATUS + [2-digit feature number]	20 to 27
House code: add or change	FIRE + FIRE + ###	001 to 254
Interrogator: setup panel for use with	AUX + AUX + STATUS + 20 and AUX + AUX + STATUS + 27	F20 On/Off; F27 On/Off. Set both to on for Interrogator use
Phone number: delete primary	FIRE + FIRE + BYPASS + 1	
Phone number: add or change primary	FIRE + FIRE + BYPASS + [2-14 digit phone number]	2 to 14 digits. Press FIRE + FIRE to insert pauses.
Program mode: enter	Access CODE + 1. Loosen battery door screws until the READY light turns off. Enter 4 + 3 + 2 + 1 or [dealer programming code]. All panel lights flash.	Installer programming code: 4321 Dealer programming code default: 4321
Program mode: exit	Seat battery door and tighten screws. The lights stop flashing and beeps stop.	
Programming: set dealer code	AUX + AUX + BYPASS + [new dealer CODE] + [new dealer CODE]	Any four digits, repeated
Pulse dialing: on/off	AUX + AUX + STATUS + 22	On = DTMF (default), off = pulse
Reporting format: change	COMMAND + AUX + AUX + [2-digit reporting format]	00 = ITI, 01 = 4/2 (2300 Hz), 03 = 4/2 (1400 Hz)
Sensor: add	STATUS + [2-digit group #] + [2-digit sensor #]	See "Sensor Groups" table below
Sensor: delete	BYPASS + [2-digit sensor #]	From 01 to 18
Sensor: assign to different group or number	BYPASS + [2-digit sensor #] + STATUS + [2-digit group no.] + [2-digit sensor #]	N/A
Sensor group: exit group during programming	COMMAND	N/A
Siren timeout: set	AUX + AUX + [2-digit siren timeout]	02-15 min.
Touchpad: add	STATUS+ STATUS + [2-digit touchpad ID #]	1-4
Touchpad: delete	BYPASS + BYPASS + [2-digit touchpad ID #]	1-4
Upper sensor number: off	BYPASS + [2-digit upper sensor number]	From 80-98, except 88 and 97
Upper sensor number: on	STATUS + [2-digit upper sensor number]	From 80-98, except 88 and 97

The group a sensor is assigned to determines how the system responds to the sensor. The shaded rows in the table are the most commonly used sensor groups.

No.	Application/Alarm	No.	Application/Alarm
00	Fixed panic. Instant police in levels 1, 2, 3.	15	Interior motion sensors. Follower police in levels 2, 3.
01	Portable panic. Instant police in levels 1, 2, 3.	16	Interior doors. Follower police in level 3.
02	Fixed panic. Instant silent police in levels 1, 2, 3.	17	Motion sensors. Follower police in level 3.
03	Portable panic. Instant silent police in levels 1, 2, 3.	19	Interior doors. Standard delay police in level 3.
04	Fixed panic. Instant auxiliary in levels 1, 2, 3.	20	Motion sensors. Standard delay police in level 3.
05	Fixed panic. Instant auxiliary, siren shut off confirms CS report in levels 1, 2, 3.	21	Instant local police in levels 1, 2, 3.
06	Portable panic. Instant auxiliary in levels 1, 2, 3.	22	Standard delay local police in levels 1, 2, 3.
07	Portable panic. Instant auxiliary, Siren shut off confirms CS report in levels 1, 2, 3.	23	Instant local auxiliary in levels 1, 2, 3.
08	Special intrusion. Instant police in levels 1, 2, 3.	24	Instant local auxiliary until restore in levels 1, 2, 3.
09	Special intrusion. Standard delay police in levels 1, 2, 3.	25	Local instant chime in levels 1, 2, 3.
10	Entry/exit door. Standard delay police in levels 2, 3.	26	Fire sensors. Instant fire in levels 1, 2, 3.
11	Entry/exit door. Extended delay police in levels 2, 3.	27	Custom. Instant local silent in level 1, 2, & 3.
13	Perimeter doors/windows. Instant police in levels 2, 3.	28	Custom. Instant local silent in levels 1, 2, 3.
14	Interior doors/windows. Follower police in levels 2, 3.	29	Auxiliary. Instant auxiliary in levels 1, 2, 3.

MORE INFORMATION

For more installation and operating information see the Commander 2000 Installation Instructions (46-586), the Commander 2000 Reference Manual (86-001), and the Commander 2000 Owner's Manual (46-585).

To learn more about ITI CEU certified courses in sales, security, and access control, call ITI Training.

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