

## Ademco Vista-20P/First Alert FA-168C Basic Commands

<b>Zones</b>	64 total
<b>Wireless</b>	Yes, Zones 09 to 48 + 16 Keyfob Zones (Zones 49 to 64)
<b>Batteries</b>	12 volt Rechargable inside main Panel, AC Transformer 16 volts Door/Windows 3-Volt Lithium Motion Sensor 2 3-Volt Lithium Smoke Detector 2 9-volt Alkalines Remote Keypads 3-Volt Lithium Keyfobs 3-Volt Lithium Remote Panics 9-Volt Lithium
<b>Downloadable</b>	Yes
<b>Partitions</b>	2
<b>Panic Buttons</b>	Police Panic - * and # Fire Panic - 1 and * Medical Panic - 3 and #
<b>Status</b>	Press * if keypad shows NOT READY to view open zones
<b>Arm Away</b>	4-digit code + 2 (AWAY) to arm everything
<b>Arm Stay</b>	4-digit code + 3 (STAY) to arm all but motions
<b>Instant Arm</b>	4-digit code + 7 (INSTANT), this also bypasses motions
<b>Max Arming</b>	4-digit code + 4 (MAX) and everything arms instant
<b>Quick-Arm</b>	# + 2 for AWAY, # + 3 for STAY
<b>Disarm</b>	4 digit code + 1 (OFF)
<b>Silence Alarm</b>	4-digit code + 1 (OFF) twice to turn off siren and reset display (If code is entered wrong, wait 2 or 3 seconds then try again)
<b>Bypass</b>	4-digit code + 6 (BYPASS) + zone (01, 02 03 etc) (keypad will beep, BYPASS + Zone should show, arm system)
<b>Quick Bypass</b>	User Code + 6 + # (Bypasses all open Zones)
<b>Alarm Memory</b>	See Event Buffer
<b>Reset Smoke</b>	4-digit code + 1 (OFF) twice to turn off siren and reset smoke (If this does NOT reset smoke detector set for service, smoke is bad)
<b>Door Chimes</b>	4-digit code + 9 (CHIME)
<b>GoTo Partition</b>	1. User Code + * 2. Enter Partition 0 = Return to original Partition 1 = Partition 1 2 = Partition 2 3 = Common Lobby Partition 3. Keypad will return to original partition in 2 minutes or with User Code + * + 0 <u>User MUST be assigned for multiple partition access in User Codes section</u>
<b>Voice Keypads</b>	
<b>Voice Chime</b>	# + 0 + 2 + 4 to Enable or Disable (Keypad should say "ON" or "OFF")
<b>Show Status</b>	# + 0 + *
<b>Show Faults</b>	Press **
<b>Record Message</b>	1. Press # + 0 + 1 (LED turns ON) 2. Record message up to 2.5 minutes 3. Press 1 to end (LED begins FLASHING)
<b>Play Message</b>	1. Press # + 0 + 3 2. Recorded message will play (LED turns OFF)
<b>Adjust Volume</b>	Press # + 0 + 2 then press 3 or 6 to raise or lower volume
<b>Phone Test</b>	1. 4-Digit Code + 5 (TEST) + 1 2. Keypad will send test signal If successful keypad will show "Phone Okay" or "Cd" If unsuccessful keypad will show "Comm Failure" or "FC"

**Test Sensors** 4-Digit Code + 5 (TEST) + 0  
 Keypad will beep every 40 seconds  
 Open sensors and keypad will sound  
 End test with 4-digit Code + 1 (OFF) key  
 (Wireless motions require no movement for 4 minutes prior to testing)

**View Time/Date** (Alpha Keypads only)  
 Master Code + # + 63

Time/Date	SAT
12:14 A	07/17/02

(Stays on for 30 seconds)

**Set Time/Date** (Alpha keypads will display menu, standard keypad will show nothing)  
 (WARNING: Do not set clock for 01/01/03 to 08/31/01 or panel cannot be downloaded!)

1. User Code + # + 63
2. Press \* within 30 seconds
3. Enter 2-digit Hour (00 to 12)
4. Enter 2-digit Minute (00 to 59)
5. Press 1 for PM, press 2 for AM
6. Enter last 2 digits of Year (01 to ??)
7. Enter 2-digit Month
8. Enter 2-digit Day
9. Press \* to exit or wait 10 seconds

(Keypad will not give any confirmation beep)

**Event Buffer** (Alpha Keypads only)

1. Enter Master Code + # + 6 + 0

001 E625 U000 P0
01:21PM 07/14/02

(Display shows last Alarm or event)

2. Press \* for previous event or # for next

002 E401 U000 P0
02:22AM 07/15/02

3. Press any key other than \* or # to exit

Note: Display shows Contact ID event, click "Format" button for details

U = User

P = Partition (if available)

and time/date it occurred

**Make Macros** (if Installer enabled, a Function key can be set to allow multiple functions with 1 button)

(Alpha Keypad)

DISARMED
READY TO ARM

1. While system is disarmed enter Master Code + # + 6 + 6

SELECT MACRO
1 - 2      0

2. Select which Macro to program 1 or 2

MACRO DISPLAY
---------------

3. This is current Macro programming (none), to program press \*

MACRO PGM
-----------

4. Lets program system to bypass zones 02 and 03 and Arm Away

MACRO PGM
60203

5. Press 6 (Bypass key) then 02 (Zone 02) and 03 (Zone 03)

MACRO PGM
60203 F

6. Press D (bottom Function key) to save the command

MACRO PGM
60203 F 2

7. Press 2 (Away key)

MACRO PGM
60203 F 2 F

8. Press D (bottom Function key) to save the command

DISARMED
READY TO ARM

9. To exit press D (bottom Function key) for 2 seconds

Other possible commands that can be used

3 = Stay Arm

4 = Max Arm

7 = Instant Arm

#7 + 01 to 18 = Start External Relay or X-10 Device  
#8 + 01 to 18 = Stop External Relay or X-10 Device

**Use Macros  
(Any Keypad)**

(Macro Key must be previously programmed by Installer or by downloading)  
1. Enter User Code  
2. Press assigned Macro Key (Function Key)

**Activate Relay  
Deactivate Relay**

4-digit Code + # + 7 + Relay Number (01 to 16, 17 & 18)  
4-digit Code + # + 8 + Relay Number (01 to 16, 17 & 18)

**Pager Signals**

Alarm sends	Account + 911 + 3 digit Zone
Open sends	Account + 101 + 3 digit User
Close sends	Account + 102 + 3 digit User
Trouble sends	Account + 811 + 3 digit Zone
Latchkey Page	777 - 7777
Manual Page	999 - 9999

**Send Page**

Press assigned Pager key for 2 seconds (Must be setup by Installer)

**Schedules  
(Alpha Keypad)**

1. Enter with Master or Installer Code + # + 64  
(Master Code can program Schedules 01 to 16, Installer can program 17 to 32)  
2. Select Schedule to program then \*

ENTER SCHED NO.  
00 = QUIT 00

(01 to 32 or 00 to exit)

3. Enter Event you want to occur then \*

ENTER EVENT

(00 to 11)

00 = Clear Event (Deletes programmed event)  
01 = Relay On/Off  
02 = User Access (Allow Arming and Disarming)  
03 = Latch Key Report to Pager  
04 = Forced Stay Arming  
05 = Forced Away Arming  
06 = Auto Disarm  
07 = Display "Reminder"  
10 = Display Custom Words 8, 9 and 10\*  
11 = Periodic Test Report\*  
\*These options accessible with Installer Code only

3a. if 01 was selected this screen appears, enter Device then \*

DEVICE NUMBER  
01

(00 to 18)

3b. if 02 was selected this screen appears, enter group then \*

GROUP NUMBER  
01

(1 to 8)

**Assign User Group**

Master Code + 8 + User (02 to 49) + Group (1 to 8)

4. Enter Partition then \*

PARTITION  
1

0 = All Partitions

1 = Partition 1

2 = Partition 2

3 = Common Lobby Partition

5. Enter START Time & Days of Week

START SMTWTFS  
HHMMAM 0010000

Example: For a STOP time of 12:30 PM Tuesday

Enter 12 30 then 1 for PM (0 if AM)

Then press \* until cursor is under T (Tuesday) then 1 to select, 0 de-selects

Press \* until display moves to next screen

6. Enter STOP Time & Days of Week

STOP SMTWTFS  
HHMMAM 0010000

Example: For a STOP time of 06:15 AM Saturday  
Enter 06 15 then 0 for AM (1 if PM)  
Then press \* until cursor is under S (Saturday) then 1 to select, 0 de-selects  
Press \* until display moves to next screen

7. Select if is is a one time only Schedule or if it repeats then \*

REPEAT OPTION  
0 - 4            2

0 = Do not repeat/One time only  
1 = Repeat schedule weekly  
2 = Repeat schedule every other week (Biweekly)  
3 = Repeat schedule every third week  
4 = Repeat schedule every fourth week

8. Enter if schedule will be random, keypad will exit programming  
(Example if shedule is set for 6:15 event will happen between 6:00 and 6:59)

RANDOMIZE  
0 = NO 1 = YES 0

0 = No  
1 = Yes

9. Select next Schedule to program or 00 then \* to exit

ENTER SCHED NO.  
00 = QUIT    00

(01 to 08 or 00 to exit)

To program monthly test signal

1. Enter Installer Code + # + 64
2. Select schedule 11
3. Enter START Time of 0230 AM then select 1 under which Day of Week
4. Do not select a STOP event
5. Select 4 under REPEAT OPTION for every fourth week
6. Enter 1 at RANDOMIZE to allow test signal within a 1 hour time frame

## Ademco Vista-20P/First Alert FA-168C User Codes

System Master Code	User 02	
Partition 1 Master Code	User 03	(Partitioning can be changed)
Partition 2 Master Code	User 33	(Partitioning can be changed)
Secondary Codes Partition 1	User 03 to 32	(Partitioning can be changed)
Secondary Codes Partition 2	User 33 to 49	(Partitioning can be changed)
Babysitter/Guest Code	Any User Code	
Hostage Code	Any User Code	

Do Not pause more than 2 seconds while entering commands or it will work

<b>Program Master</b>	Installer Code + 8 + 02 + New Master Code	
<b>Change Master</b>	Master Code + 8 + 02 + New Master Code <u>twice</u>	(Keypad should beep)
<b>Add Code</b>	Master Code + 8 + User Number + New User Code	(Keypad should beep)
<b>Erase Code</b>	Master Code + 8 + User Number + # + 0	(Keypad should beep)
<b>Authority Level (Optional)</b>	<ol style="list-style-type: none"> <li>1. Master Code + 8 + User User Number + # + 1</li> <li>2. Enter Authority Level for User <ul style="list-style-type: none"> <li>0 = Standard User (Default)</li> <li>1 = Arm Only</li> <li>2 = Babysitter/Guest Code (Disarms only if Armed by Guest Code)</li> <li>3 = Duress Code</li> <li>4 = Partition Master Code</li> </ul> </li> <li>3. Keypad should beep and exit</li> </ol>	
<b>Partition Assign (Optional)</b>	<ol style="list-style-type: none"> <li>1. System Master Code + 8 + User Number + # + 3 + 0</li> <li>2. Enter Partition to assign this User Number <ul style="list-style-type: none"> <li>1 = Partition 1 and Common Partition</li> <li>2 = Partition 2 and Common Partition</li> <li>3 = Common Partition Only</li> <li>OR a combination of 1, 2 and 3</li> </ul> </li> <li>3. Press # to save and exit</li> </ol> <p><i>Example: Change User 33 to Partition 1 and Partition 2</i>  System Master Code + 8 + 33 + # + 3 + 0 + <u>1</u> + <u>2</u> + #</p>	(Multi Partitions can be assigned)
<b>Pager Enable</b>	Master Code + 8 + User (02 to 49) + # + 5 + 1	(Turns ON paging for User)
<b>Pager Disable</b>	Master Code + 8 + User (02 to 49) + # + 5 + 0	(Turns OFF paging for User)
<b>User Group</b>	Master Code + 8 + User (02 to 33) + # + 2 + Group (1 to 8) (For use with scheduling (see Basic Commands))	

## Ademco Vista-20P/First Alert FA-168C Trouble Display

For Module Trouble System displays 1 + Address of Module

Alpha Keypads	Standard Keypads	Description
BELL FAILURE	CHECK 70	Siren Trouble
CANCELED ALARM	CA	Alarm has been cancelled by customer
CHECK 01-56	CHECK 01 - 56	Zone is not communicating with panel, Sensor trouble
CHECK 91	CHECK 91	Trouble with a Keypad or External Module/Expander
CHECK 100	CHECK 100	Wireless Receiver Trouble/RF Keypad Tamper
CHECK 103	CHECK 103	Long Range Radio Trouble
CHECK 104	CHECK 104	4286 Voice Module Trouble
CHECK 107 to	CHECK 107	4219/4229 Zone Expander/Relay Module 1 Trouble
CHECK 111	CHECK 111	4219/4229 Zone Expander/Relay Module 5 Trouble
CHECK 112 to	CHECK 112	4204 Zone Expander Module 1 Trouble
CHECK 115	CHECK 115	4204 Zone Expander Module 4 Trouble
CHECK 116 to	CHECK 116	Keypad 1 Trouble
CHECK 123	CHECK 123	Keypad 8 Trouble
CHECK 128	CHECK 128	5800TM Module Trouble (for wireless)
COMM FAILURE	FC	Failure to communicate with monitoring station
DIALER OFF	dO	Internal Dialer has been disabled
EXIT ALARM	EA	Alarm triggered within 2 minutes of arming (not a trouble)
KEYPAD LOW BAT	00 BAT	Wireless Remote Keypad low battery
LONG RNG TRBL	bF	Radio backup failure/trouble
MODEM COMM	CC	System is being downloaded by Tech Support
OPEN CIRCUIT	OC	Keypad trouble or wire broken to Keypad
PHONE OKAY	Cd	Phone test was sent okay
RCVR Jam	CHECK 90	Interference with RF Receiver
TELCO FAULT	CHECK 94	Telephone Line Failure
TEST IN PROGRESS	dd	Phone test in progress
UPLOAD COMPLETE	dC	Tech Support uploaded system okay
UPLOAD FAILED	dF	Tech Support failed to upload system
E4 or E8 using	E4 or E8	More zones were programmed than wireless receiver is capable of
One Beep every 40 Sec	System is in Test Mode (Press Code + 1 to exit Test Mode)	
Smoke Batteries	Remove old batteries, hold test button 30 seconds, add new batteries	