PLEASE READ!

VISTA-20PSIA/VISTA-15PSIA DIFFERENCES FROM VISTA-20P/VISTA-15P

The VISTA-20PSIA and VISTA-15PSIA are variants of the VISTA-20P and VISTA-15P respectively that comply with Security Industry Association (SIA) specifications for false alarm reduction. The differences between the SIA-compliant and non-SIA controls involve various programming fields and the scheme for reporting exit errors (described in the User Guide).

Programming Field Changes

The following table summarizes the changes to applicable programming fields. All other programming fields in the controls are identical for both models.

Summary of Changes to Meet SIA Requirements

Field	Function	ADEMCO VISTA-20P/VISTA-15P	ADEMCO VISTA-20PSIA/VISTA-15PSIA
∗31	SINGLE ALARM SOUNDING per ZONE	Alarm sounding is independent of report transmissions.	Alarm sounding can be set for once per arming period (option 1), or, if set for option 0, will follow the number of report transmissions set in field *93 No. of Reports in Armed Period per Zone.
∗34	EXIT DELAY	Entries from 00-96 seconds, 97 = 120 seconds	Entries 45-96 secs, 97 = 120 secs Entries less than 45 are invalid and will result in a 45-second delay.
∗35	ENTRY DELAY 1	Entries from 00-96 seconds, 97 = 120 secs, 98 = 180 secs, 99 = 240 secs	Entries 30-96, 97 = 120 secs, 98 = 180 secs, 99 = 240 secs Entries less than 30 are invalid and will result in a 30-second delay.
∗37	AUDIBLE EXIT WARNING	Field allows disabling of exit warning beeps.	Field deleted. Exit warning beeps always enabled.
∗40	PABX ACCESS CODE/CALL WAITING DISABLE	Field can be used to enter PABX code or call waiting cancel digits.	Field can be used to enter PABX code or call waiting cancel digits, but if using call waiting, must also set call waiting disable option in field *91 Option Selection. Also added warnings about not using call waiting disable on a non-call waiting line and not using call waiting disable on a PABX line.
∗50	BURGLARY DIAL DELAY	Field allows system-wide disabling of burglary dial delay (if enabled, all burglary zones delayed dialing).	System-wide disabling option is removed. Entry 2 - Delay Disable option is added to allow disabling of dial delay by zone using zone list 6.
∗59	EXIT ERROR ALARM REPORT CODE	Field allows disabling of exit error reporting. Only an exit error report was sent.	Exit error reporting is always enabled. If exit error condition occurs, both exit error and an alarm report are sent.
∗68	CANCEL REPORT CODE	Default = code disabled	Default = code enabled
∗69	RECENT CLOSING REPORT CODE	Field does not exist.	Field added for recent closing report code. If recent closing condition occurs, both recent closing and an alarm report are sent.
∗91	OPTION SELECTION	Options include AAV and Exit Delay Restart.	Added entry for Call Waiting Disable option that must be enabled if call waiting cancel code is entered in field *40 PABX Code/Call Waiting Disable.
∗93	No. OF REPORTS IN ARMED PERIOD PER ZONE	Field allows system-wide unlimited reporting.	System-wide unlimited reporting is removed. Entry 2 - Unlimited Reports Enable option is added to allow unlimited reporting by zone using zone list 7.

Revised Programming Fields

The following shows the programming fields that were revised for the VISTA-20PSIA and VISTA-15PSIA (options shown in bordered boxes).

∗31 Single Alarm Sounding Per Zone [0] ☐

0 = unlimited sounding; 1 = one alarm sounding per zone

V20PSIA/V15PSIA: If "0" selected, "alarm sounding per zone" will be the same as the "number of reports in armed period" set in field ∗93 (1 if one report, 2 if 2 reports, unlimited for zones in zone list 7).

∗34 Exit Delay [60,60] ☐ ☐
Part. 1   Part. 2

00 - 96 = 0 - 96 secs; 97 = 120 secs
SIA Guidelines: minimum exit delay is 45 seconds
UL: see inst. instr. for requirements.
Common zones use part. 1 delay.

V20PSIA/V15PSIA: 45 - 96 = 45 - 96 secs; 97 = 120 secs
NOTE: Entries less than 45 will result in a 45-second delay.

∗35 **Entry Delay #1 and #2** [30,30] ☐ ☐
∗36

Common zones use partition 1 delay.   Part. 1   Part. 2
00 - 96 = 0 - 96 secs; 97 = 120 secs; 98 = 180 secs;
99 = 240 secs
SIA Guidelines: minimum entry delay is 30 seconds

V20PSIA/V15PSIA:
30-96 = 30 - 96 secs; 97 = 120 secs; 98 = 180 secs;
99 = 240 secs

NOTE: Entries less than 30 will result in a 30-second delay.

For UL Residential Burglary Alarm installations, must be set for a maximum of 30 seconds; entry delay plus dial delay should not exceed 1 min. For UL Commercial Burglar Alarm, total entry delay may not exceed 45 seconds.

∗37 Audible Exit Warning [1] ☐ ☐
Part. 1   Part. 2

0 = no; 1 = yes
(SIA Guidelines: must be enabled)

V20PSIA/V15PSIA: feature always enabled; field does not exist

∗40 PABX Access Code or ☐☐☐☐☐☐

Call Waiting Disable

Enter up to 6 digits. To clear entries, press ∗40∗. If call waiting is used, enter call waiting disable digits "∗ (#+11) 70" plus "# + 13" (pause).
NOTES: 1. The call waiting disable feature cannot be used on a PABX line.
2. Using Call Waiting Disable on a non-call waiting line will prevent successful communication to the central station.

V20PSIA/V15PSIA: If call waiting is used, enter call waiting disable digits as described above, and also set Call Waiting Disable option in field ∗91.

∗50 Burglary Dialer Delay [2,0] ☐ ☐

Delay Time: Delay Time   V20PSIA/V15PSIA
0 = no delay UL: must be "0"   Delay Disable
1 = 15 seconds; 2 = 30 seconds; 3 = 45 seconds
SIA Guidelines: delay must be minimum of 30 seconds

V20PSIA/V15PSIA:
Delay Time: 1 = 15 seconds; 2 = 30 seconds; 3 = 45 secs
Delay Disable:
0 = use delay set in entry 1
1 = dial delay disabled for zones listed in zone list 6 (use zone list 6 to enter zones that require dial delay to be disabled; these zones ignore the setting in entry 1)

UL: Dial delay plus entry delay must not exceed one minute; use zone list 6 to disable dial delay from appropriate zones, if necessary.

∗59 Exit Error Alarm Report Code [0] ☐

V20PSIA/V15PSIA: [1] Always enabled. Also see field ∗69.

∗68 Cancel Report Code [00] ☐

V20PSIA/V15PSIA: [10] Report enabled.

∗69 Recent Closing Report Code [11] ☐

V20PSIA/V15PSIA: Always enabled. Field does not apply to other controls.

∗91 Option Selection [8, 0] ☐ ☐

Options: 0 = None   Options   V20PSIA/V15PSIA
4 = AAV UL: must use ADEMCO UVCM module   Call Wait Disable
8 = Exit Delay Restart/Reset UL: must be disabled
#+12 = AAV and Exit Delay Restart/Reset
SIA Guidelines: Exit Delay should be enabled.

V20PSIA/V15PSIA:
Options: Same as listed above.
Call Waiting Disable:
0 = call waiting not used
1 = call waiting disable digits (∗70) entered in field ∗40; (when selected, the system dials the entry in field ∗40 only on alternate dial attempts; this allows proper dialing in the event call waiting service is later canceled by the user).

∗93 Reports In Armed Period [1,0] ☐ ☐

Per Zone (Swinger Suppression)   Restrict   V20PSIA/V15PSIA
Restrict Report Pairs: Report Pairs   Unlimited
0 = Unlimited Reports   Reports Enable
1 = 1 report pair
2 = 2 report pairs   SIA Guidelines: Must be set for option 1 or 2.

V20PSIA/V15PSIA:
Restrict Report Pairs: 1 = 1 report pair; 2 = 2 report pairs
Unlimited Reports Enable:
0 = restrict reports to the setting in entry 1
1 = unlimited reports for zones listed in zone list 7; (use zone list 7 to enter those zones that require unlimited reporting; these zones ignore the setting in entry 1)

*81   **Zone Lists for Output Devices**
Revised the usage of zone lists 06 and 07.

List No.	Used for…	Notes
1, 2	general purpose (GP)	• Any list may include any or all of the system's zone numbers.
3	chime-by-zone (see field *26 to enable option)	
4	cross zones (see note at right)	• A zone list can be assigned to more than one output relay.
5	night stay zones	• Zone List 4: When creating zone list 4 for cross zoning, include only zones assigned to zone types 3, 4, or 5. Do not include zones that have delays (entry/exit zones, interior w/delay) or 24-hour zones, as these zone types may produce unpredictable operation and may not function as intended. See field *85 for Cross Zone Timer option.
6	general purpose **V20PSIA/V15PSIA:** dial delay disable	
7	general purpose **V20PSIA/V15PSIA:** unlimited reports	
8	general purpose	
9	zones that activate Pager 1	• Zone List 6: **V20PSIA/V15PSIA:** See field *50 for Dial Delay Disable option.
10	zones that activate Pager 2	
11	zones that activate Pager 3 (VISTA-20P)	• Zone List 7: **V20PSIA/V15PSIA:** See field *93 for Unlimited Reports option.
12	zones that activate Pager 4 (VISTA-20P)	

User Guide Changes

Summary of User Guide Changes

Page	Section	Change
6	System Overview - Alarms	Added "Delayed Reporting Note": Message reporting is delayed 30 seconds by default to reduce false alarms. If desired, this delay can be removed or can be increased to 45 seconds. See your installer if you want the delay time changed.
14	Entry Delay	Added sentence at end of second paragraph: The beeps stop when a code is entered, but will restart after about 10 seconds if an invalid code is entered.
15	Exit Alarms	Revised description for scheme of "Exit Error" reporting and added description for "Recent Closing" condition. Revised text is as follows: **Exit Error Conditions** Whenever you arm the system, the exit delay begins. If an entry/exit door or interior zone is faulted before exit delay expires and remains faulted (e.g., exit door left open), the system sounds an alarm and starts the **entry** delay timer. If you disarm the system before the entry delay ends, the alarm sound stops and the message "ALARM CANCELED " or "CA" is displayed on the keypad, along with a zone number indicating the faulted zone. No message is sent to the Central Monitoring Station. **To clear the exit error condition,** the open zone must be made intact; to clear the display, enter your code plus OFF. If you do not disarm the system before the entry delay ends and the faulted zone remains open, the alarm sound continues and an "exit alarm" message is sent to the Central Monitoring Station (after the installer-programmed dial delay expires). The message "EXIT ALARM" or "EA" is displayed on the keypad, along with a zone number indicating the faulted zone. To stop the alarm, the system must be disarmed (your code plus OFF); to clear the display, enter your code plus OFF a second time. An "exit alarm" also results if an entry/exit door or interior zone is faulted within two minutes after the end of the exit delay. **V20PSIA/V15PSIA:** The Exit Error condition works the same as described above, except that in addition to the "EXIT ALARM" message, a "zone alarm" message is also sent to the Central Monitoring Station. In addition, if an entry/exit door or interior zone is faulted within two minutes after the end of the exit delay, a "Recent Closing" condition occurs instead of the "exit alarm." Refer to the next paragraph for details. **"Recent Closing" Condition (VISTA-20PSIA/VISTA-15PSIA only)** A Recent Closing condition is similar to the Exit Error condition described above, but occurs if an entry/exit door or interior zone is faulted within two minutes **after** the initial exit delay expires. If you disarm the system within the two minutes, the alarm sound stops and the message "ALARM CANCELED " or "CA" is displayed on the keypad, along with a zone number indicating the faulted zone. No message is sent to the Central Monitoring Station. If you do not disarm the system within two minutes and the faulted zone remains open, the alarm sound continues and a "recent closing" and a "zone alarm" message is sent to the Central Monitoring Station (after the installer-programmed dial delay expires). The alarm message along with a faulted zone number is displayed on the keypad. To stop the alarm, the system must be disarmed (your code plus OFF); to clear the display, enter your code plus OFF a second time.
21	Disarming	Added sentence at end of "Note": The system will disarm in about 10 seconds after the last digit of the code is entered.

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