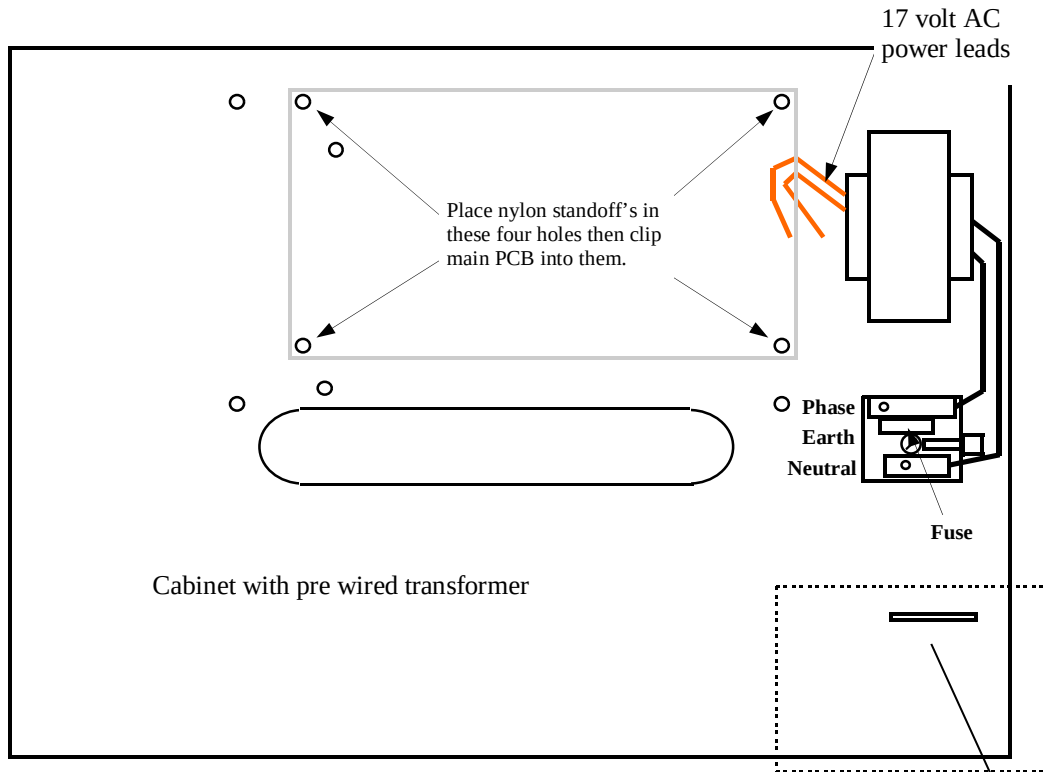


QUICKFIT INSTALL HOOK-UP SHEET

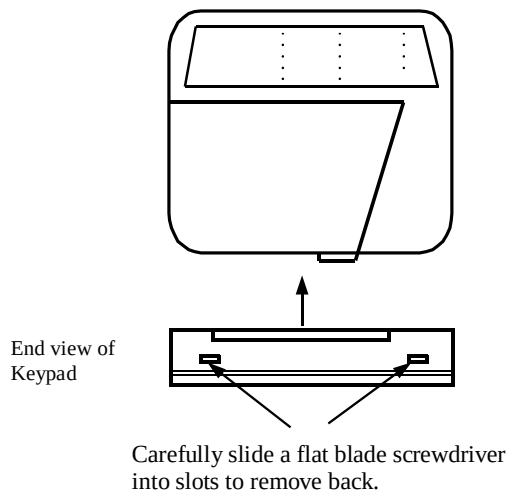
FOR
A8D-PPRX KIT



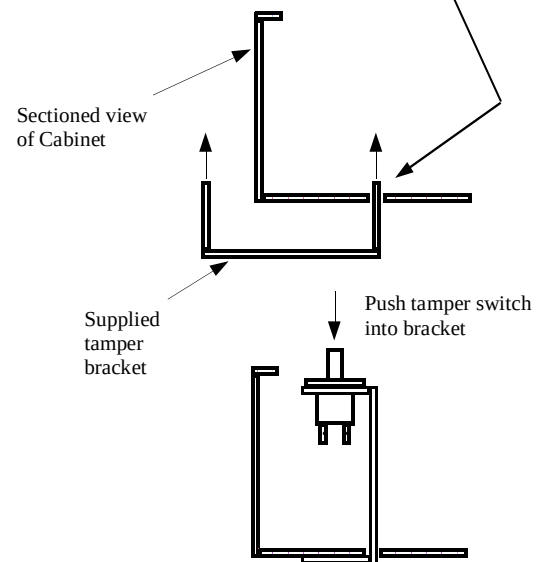
HARDWARE CONFIGURATION



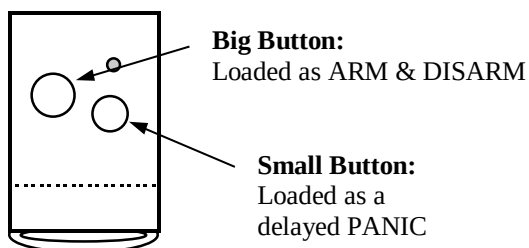
Removing back from keypad.



Fitting tamper bracket & switch.



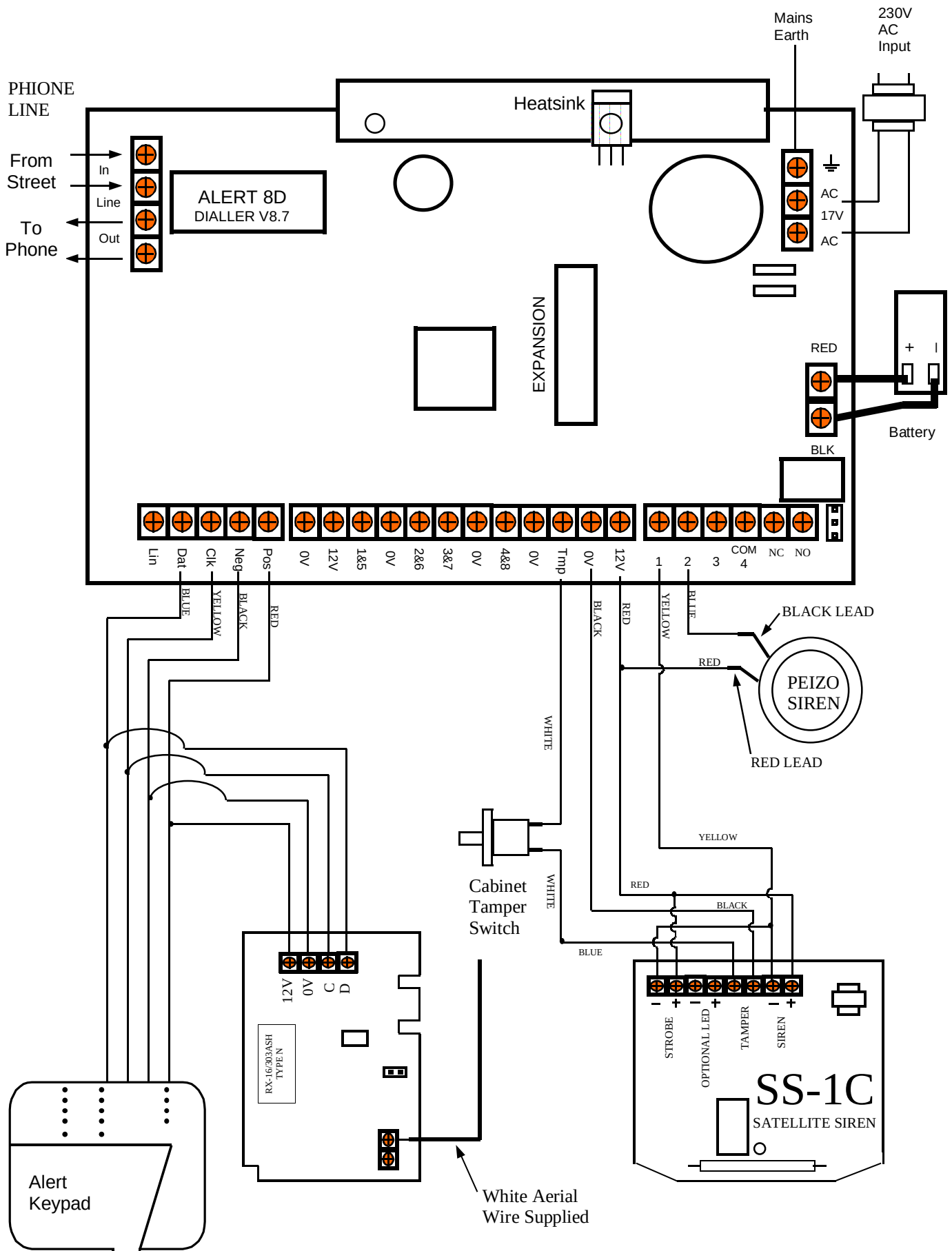
Radio Pendants



NOTE:
Both Merlin Radio PIR's and Both Radio Pendants have been **PRE LOADED** into the Alarm brain. So Don't mix them with other stock.

REV 1.03 OP

CONNECTION DIAGRAM



PROGRAMMING STARTS

Before you start programming the panel it will help, if you read through this page and fill in any codes or entry/exit delay times in the [] spaces, that you wish to change. You may need to ask your customer some questions.

First with the lid off the cabinet and tamper switch open power up the panel. There should now be a green light flashing on the board, that means the panel is running and you can now put the lid on.

The first time you touch the keypad, you must press <PROGRAM> followed by <ENTER>. You should now notice that the program light on the keypad is now flashing, this means you are now in program mode. You must be in program mode to adjust any of the settings below. The panel will not function as an alarm in this mode.

To exit out you must press <PROGRAM> followed by <ENTER>.

Entering Program mode

If you want to get back into program mode press <PROGRAM> followed by your installer code, default set to **000000** and <ENTER> to confirm.

Changing user codes

The panel has the ability to have up to 10 user codes, all able to arm and disarm the panel. They can have a **1 to 6 digit** code. Codes are stored in slots 1 to 10. To change code press <PROGRAM> followed by the slot the code is in i.e. <1> and then <ENTER>, the keypad will flash back the existing code (default code is 1 2 3) . Now key your new code i.e. (4 5 6) and press <ENTER> the new code will flash back, on the keypad LED's.

P 1 E [][][][][][] E (This is the master code default code= 123)	P 2 E [][][][][][] E
P 3 E [][][][][][] E	P 4 E [][][][][][] E
P 5 E [][][][][][] E	P 6 E [][][][][][] E
P 7 E [][][][][][] E	P 8 E [][][][][][] E
P 9 E [][][][][][] E	P 10 E [][][][][][] E

Changing Installer code

There is only one installer code, this is for you to remember. It is currently set to 000000. It is stored in slot 11, to change use the same method as above.

P 11 E [][][][][][] **E**

Changing Entry delay's - Zone 1 is set at 20 seconds by default and should be used as entry zone

This is how long the panel gives you to get in and disarm it after a sensor has been tripped.

Each sensor has its own delay from 0 to 255 seconds. If you have to pass a sensor to get to the keypad then it should have a delay. You must be in program mode to change.

To change:

Sensor 1 delay time press <PROGRAM> **301** <ENTER> followed by the new time [][][] and <ENTER> to confirm, the new time will flash back. (default time is set to 20 seconds)

Sensor 2 delay time press <PROGRAM> **302** <ENTER> followed by the new time [][][] and <ENTER> to confirm, the new time will flash back. (default time is set to 20 seconds)

Changing Exit delay

This is how long you have to get out of the house before the panel goes into alarm mode.

You can have from 0 to 255 second selected below. You must be in program mode to change.

To change:

Exit delay time press <PROGRAM> **219** <ENTER> followed by the new time [][][] and <ENTER> to confirm, the new time will flash back. (default is set to 20 seconds)

Now your panel is ready for testing.

See page 4 for Panel testing procedures.

Testing

When you have finished the programming options, a quick test is required to confirm all hardware and software is working correctly.

Run through the steps below and tick the box if it operates successfully.

Make sure no one is moving around the house, as this could affect the test.

1. The keypad should not have any zone lights on. The ready light should be on steady.

Are all the lights right? yes ☐ if no there could be a wiring problem check your work.

2. Now test all the user codes. Start by typing in user code 1 followed by enter, the keypad should start beeping as it arms, then type it in again, the keypad should go quiet as it disarms.

Repeat this test for all user codes.

Do all of the codes arm and disarm the panel? yes ☐ if no go back and check the user code slots, to see whether the right codes has been entered.

3. Take both radio pendants in hand and one at a time press the big button. If you are standing near the keypad you should hear the panel arm and disarm.

Do both pendants arm and disarm? yes ☐ if none of them work check the wiring of the RX-16, there is led on the receiver that should come on when it receives a signal. The position of the RX-16 may be affecting the range. if only one is working try and re-enrol the other.

3. Next to press the ARM button on the keypad and see if there is enough time to get out of the house, before the exit delay beeps stop.

Can you get out before the beeps stop? yes ☐ if no you will need to extend the exit delay.

4. With the panel ARMED, Wait 4 Minutes before entering the house, making sure you past all sensors to set them off. Now go back to the keypad, LED's 1 & 2 should be flashing. Don't put in your user code, wait until the Entry delay has depleted and the sirens should go off. Now enter a user code and press ENTER.

Did both LED's 1 & 2 light up on the keypad? yes ☐ if no you might need to re-enrol that PIR into the panel.

Could you get to the keypad before the sirens went off? yes ☐ if no increase to entry delay in programming.

Did the internal siren go off? yes ☐ if no check your wiring and polarity of device.

5. The final test is to make sure the external siren and strobe work. So go outside to the satellite siren with both radio pendants. PRESS and HOLD one of the small buttons, this should cause a panic alarm setting the siren and strobe off. Press one of the big button to clear the alarm.

Does the external siren work? yes ☐

Does the external strobe work? yes ☐ if no to any of these check wiring and polarity of devices.

The alarm panel is now ready for general use

Are you happy with the installation?

yes ☐

Sign here. _____

Date. ____ / ____ / ____

DIALLER SETUP

Your Alert 8D alarm is equipped with a dialler (see page 2).

If you are required to connect to a central monitoring station you will need to complete the following steps. Contact a monitoring station of your choice, they will issue you an account number and telephone number.

Name of monitoring station _____ Contact phone number _____

Your Account number [][][][]

Telephone number 1 [][][][][][][][][][]

Telephone number 2 [][][][][][][][][][] (this is optional)

Step 1: Connect across the incoming phone line between the street and the first jack point.

Step 2: To enable the dialler. Press **<PROGRAM>** followed by your installer code (default code 000000) **<ENTER>**, you are now in program mode.
Press **<PROGRAM>** then **<1 8 5>** and **<ENTER>**. The number 7 LED should be on.
Now press **<1>** the 1 and 7 LED's should now be on. Press **<ENTER>**.

Step 3: Account number, press **<PROGRAM>** then **<5 0 6>** followed by **<ENTER>**. Now key in the account number i.e. **<1 2 3 4>** and **<ENTER>**. The new number should flash back on the keypad LED's.

Step 4: Phone number 1, press **<PROGRAM>** then **<5 0 1>** followed by **<ENTER>**. Now key in your given phone number 1 i.e. **<0 9 5 5 1 2 3 4>** and **<ENTER>**. The new number should flash back on the keypad LED's.
If there is a second phone number, press **<PROGRAM>** then **<5 0 2>** followed by **<ENTER>**. Now key in your given phone number 2 i.e. **<0 9 5 5 4 3 2 1>** and **<ENTER>**. The new number should flash back on the keypad LED's. (this number is optional).

Step 5: Prepare for dialler test. First we will temporarily disable sounders. So with the panel still in program mode press **<PROGRAM>** then **<1 0 9>** and **<ENTER>** to confirm.
We are using outputs 1 & 2, so press buttons **<1>** then **<2>**. Keypad LED's **1 & 2** will now be on, press **<ENTER>**. The outputs are now disabled. NOTE: the panel will automatically enable sounders after the first test activation.

Step 6: Exit program mode by pressing **<PROGRAM>** then **<ENTER>**.

Step 7: Testing. Press the **<ARM>** button the exit delay will start. When it stops walk in front of each detector, then go back to the keypad to see if LED's 1 & 2 are now flashing and the keypad is squealing. As soon as the entry delay has finished, the panel should start dialling out. You wont be able to hear it dial out, but if you pick up a phone in the house it should not have a dial tone. Leave the panel for about 5 minutes then key in a user code i.e. **<1 2 3>** followed by **<ENTER>**. The panel should now be disarmed.

Step 8: Confirming. Now contact the monitoring station and ask them if they received 3 monitoring messages from your account code. They should be:

Alarm activation on zone 1. Did they receive this message? yes ☐

Alarm activation on zone 2. Did they receive this message? yes ☐

Alarm restored. Did they receive this message? yes ☐

(if none of the messages got through, go back and check the above programming options and that the panel is actually connected to the phone line).

(if only one message got through, do the test a again but only trip the zone that did not work the first time).

When you picked up the phone was there a dial tone? No ☐

(if yes then the phone line has not been wired up to the panel properly).

Your install is complete.