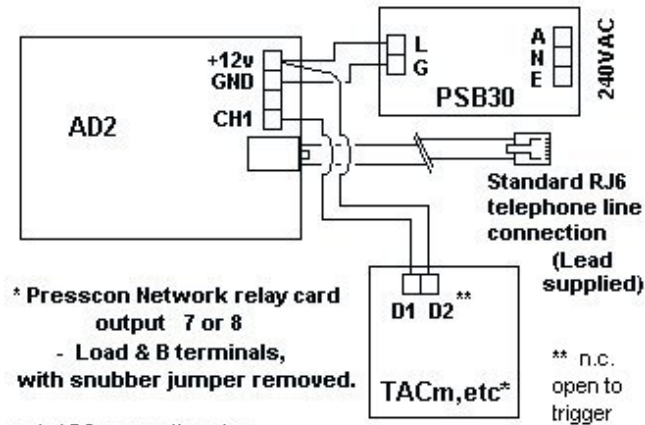# AD2 Voice Dialer- Quick Start Instructions

The AD2 is specifically designed for refrigeration alarm dial out applications, and is shipped pre configured for this duty. In most situations, reference to this quick start instruction only is required.

1. Connect AD2, Battery backup and phone line.

ref: AD2 connections.jpg

1.1.If a phone is to be used in conjunction with the AD2, we recommend a Mode 3 connection be made, as shown in the accompanying instruction AD2 Cable.ddb, instead of a phone doubler adapter. In the event of the phone being left off the hook, using a Mode 3 connection insures the AD2 can seize the phone line in order to dial out.

1.2 The trigger inputs of the dialer dial on the connection being opened. The table below lists the terminals to use on various Phasefale Refrigeration alarms;

Alarm System	Contacts
TACm, RAMiv	D1,D2
MiniTemp	S1,S2
Presscon Network	7or8 Load & B

1.3 The power consumption of the AD2 is up to 150mA, therefore it requires at least a PSB30 battery backup for reliable operation with battery backup.

2. Program the Phone numbers into the AD2

*Note for PABX users with an analogue extension: usually, a 0 or 9 then a delay is required to obtain an outside line. A delay can be added with a * then the delay time in seconds. For example programming 0 * 3 041123123 will dial 0 for an outside line, then a 3 second delay, then the number 041123123*

There are 6 numbers able to be programmed. Less can used, the AD2 will ring them in rotation until 6 dialing attempts are complete. For each number from 1 to 6, complete the following sequence.

2.1 Check operation switch is in the OFF position
2.2 Store number 1 (example here is 8889999) by pressing keys # 1 8889999 #.
2.3 Press * 1 to check the number. Re program if incorrect
2.4 Store number 2 (example here is 7778888) by pressing keys # 2 7778888 #.
2.5 Confirm unused numbers show "b" by pressing * followed by the number location e.g * 4
2.6 To blank out a number (eg 6) no longer required, Press # 6 #. "b" is displayed.

3. Record the Voice message (up to 15 secs)
3.1 Check operation switch is in OFF position
3.2 Start recording by pressing keys # 9,
3.3 Talk for as long as the rotating digit is shown (up to 15 seconds) or stop by pressing #
3.4 At the end of recording a "C" is displayed.
3.5 Press * 9 to replay message. Re-program if incorrect

4. Check Programmed Values
4. Confirm all programmed values are correctly set by pressing * and the number;

Memory	Parameter	Display
1...	Phone # 1	(eg) 8889999
....6	Phone # 6	(eg) b (blank)
70 - 77	Parameters	1-90-6-1-0-1-0-1
8	Acknowledge	3
9	Voice	-sounds-

5. Test System
5.1 Check power is on to AD2 and phone line is connected
5.2 Set operation switch to TEST
5.3 Connection to the number is made and message repeats for 90 seconds or until acknowledge receipt
5.4 Message can be acknowledged by pressing 3 on tone phones.
5.5 6 Dial outs will occur if no acknowledgment is received.
5.6 Leave switch in ON position for normal operation.

6. Tone/Pulse Dialling
The AD2 is factory set to TONE dial. If it is necessary to change to PULSE dialling follow these steps.
6.1 Check operation switch is in OFF position
6.2 Press # 70 then 0 #
6.3 Press * 70 to confirm new parameters
If the AD2 has to be reset to TONE dial press
 # 70 1 # at step 6.2
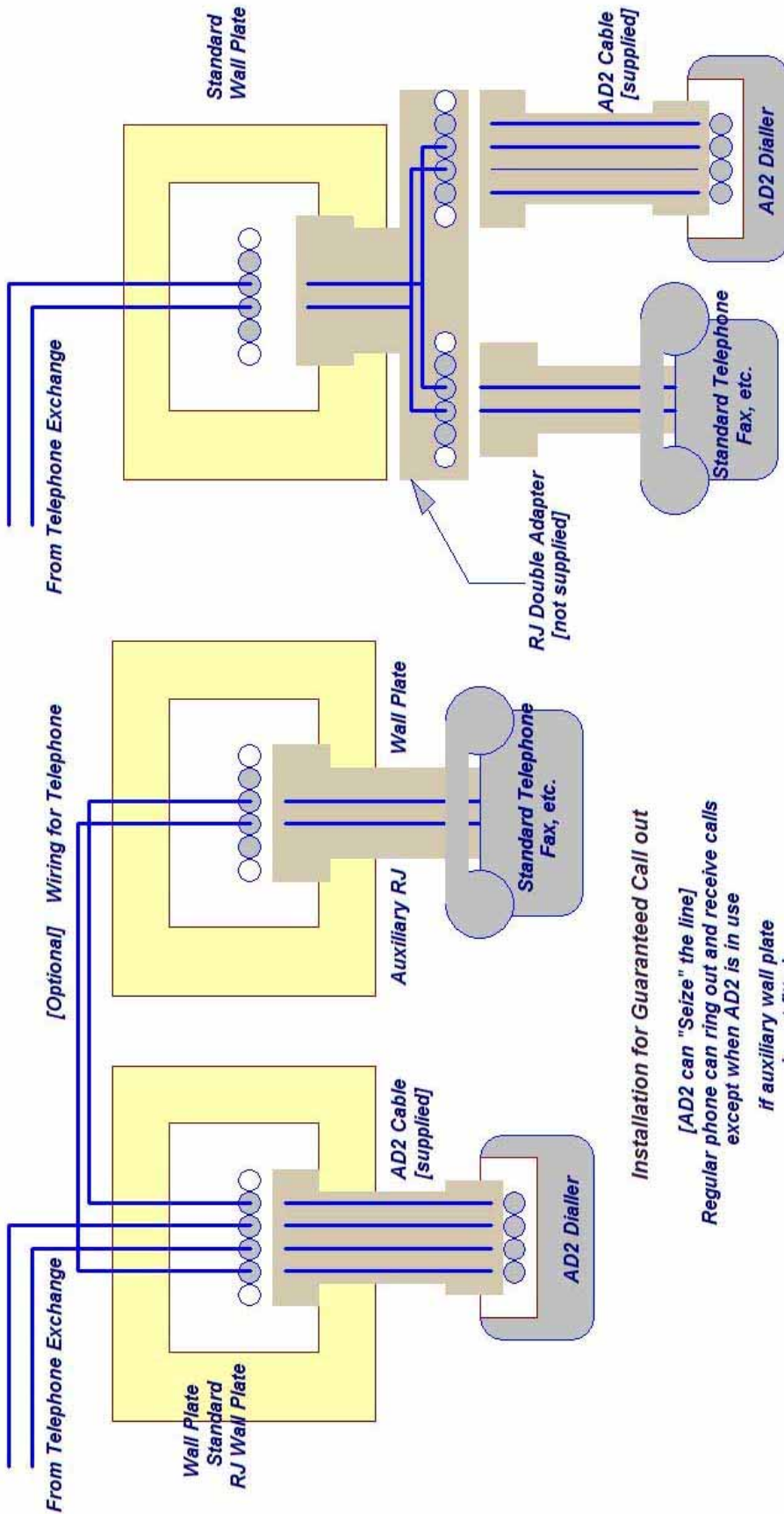
Approvals:
C-Tick #N761, Austel A94/03/0355

Note: This instruction refers to Diallers shipped 1/8/3 onwards. These units can be identified by Ctick Label on casing. For earlier units refer AD2 (obsolete) instruction.

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Standard Wall Plate

From Telephone Exchange

AD2 Cable [supplied]

AD2 Dialler

Standard Telephone Fax, etc.

RJ Double Adapter [not supplied]

Installation in parallel - using a double Adapter

[AD2 Will NOT "Seize" the line]
Regular phone can ring out and receive calls

[Optional] Wiring for Telephone

Wall Plate

From Telephone Exchange

Auxiliary RJ

Standard Telephone Fax, etc.

AD2 Cable [supplied]

AD2 Dialler

Wall Plate Standard RJ Wall Plate

Installation for Guaranteed Call out

[AD2 can "Seize" the line]
Regular phone can ring out and receive calls
except when AD2 is in use

if auxiliary wall plate
is not fitted,
AD2 has line exclusively.

AD2 Dialler Connection Options