

# ProTalk CV2

**BE** BARNETT ENGINEERING LTD.

## Reference Guide - Basic Mode

ESN: \_\_\_\_\_

MIN: \_\_\_\_\_

ACK CODE: \_\_\_\_\_

ACCESS CODE: \_\_\_\_\_

## MAIN MENU

*\*\* An Access Code is required to access this area when security is set to levels 2 or 3. \*\**

- ①\*①\* Voice Menu
- ②\*①\* Directory Menu
- ③\*①\* General Configuration Menu
- ④\*①\* Alarm Input Menu
- ⑤\*①\* Control Output Menu
- ⑧\*①\* Reset Database
- ⑨\*①\* Cellphone Status
- ①①\*①\* Cellphone Programming
- \*①\*①\* Query Software Version

## Voice Menu

- 1\*\* Site Id - *play or record*
- 2\*\* Alarm Inputs - *play or record*
- 3\*\* Control Outputs - *play or record*
- 4\*\* Points - *play or record* (*advanced mode only*)
- 5\*\* Erase All Voices
- #\*\* Exit to Main Menu
- \*\* Exit to Main Menu

### Play/ Record

- Record New Voice 2\*\*
- Exit to Voice Menu #\*\*
- Next Voice \*\*

### Erase All Voices

- Confirm Erase #31\*\*
- Exit to Voice Menu #\*\*
- Exit to Voice Menu \*\*

## Directory Menu

- 0\*\* List Directory Codes
- 1\*\* Configure Directory A
- 2\*\* Configure Directory B
- #\*\* Exit to Main Menu
- \*\* Exit to Main Menu

### Directory Line

- Edit Line 2\*\*
- Delete Line 3\*\*
- Insert New Line 4\*\*

### Acknowledge Code

- Set Ack. Code NN\*\*
- (Where N is the code)
- Max 8 digits

### Cycle Timer

- Set Timer length NN\*\*
- (Where N is equal to minutes)
- Range: 1-255 minutes

### Interrogate Code

- Set Interrogate Code NN\*\*
- (Where N is the code)
- Max 8 digits

- Exit to Directory Menu #\*\*
- Advance \*\*

## General Configuration Menu

### Answer Rings

Change number of rings

2\*\*

### Call Progress Control

Turn Progress Control On

0\*\*

Turn Progress Control Off

1\*\*

### Access Code

Change Access Code To

NN\*\*

Erase Access Code

#\*\*

### Temporary Acknowledge Timer

Turn Timer Off

0\*\*

Change Timer to 30 mins

1\*\*

Change Timer to 60 mins

2\*\*

Change Timer to 120 mins

3\*\*

Change Timer to 240 mins

4\*\*

### Modem Code

Change Modem Code to

NN\*\*

Erase Modem Code

#\*\*

### Exit to Main Menu

#\*\*

### Advance

\*\*

## Alarm Input Menu

### Directory Assignment

Change to Directory A

1\*\*

Change to Directory B

2\*\*

### Alarm Format

Change to normally low inputs

0\*\*

Change to normally high inputs

1\*\*

Change to normally low latched inputs

2\*\*

Change to normally high latched inputs

3\*\*

### Debounce Scale

Change scale to seconds

0\*\*

Change scale to minutes

1\*\*

### Debounce Time

Change timer to N units

N\*\* (1-255)

### Exit to Main Menu

#\*\*

### Advance

\*\*

## Control Output Menu

### Output Format

Change format to on/off operation

0\*\*

Change format to timed operation

1\*\*

### Change Format

Change format to on/off operation

0\*\*

Change format to timed operation

1\*\*

Exit to Control Output Menu

#\*\*

### On Code

Change On Code

NN\*\*

Erase On Code

#\*\*

(Where N is the code; MAX 8 digits)

### Off Code

Change Off Code

NN\*\*

Erase Off Code

#\*\*

(Where N is the Code; MAX 8 digits)

### Control Timer Scale

Change timer scale to seconds

0\*\*

Change timer scale to minutes

1\*\*

### Control Timer Value

Change timer to N units

N\*\* (1-255)

Advance \*\*

Exit to Main Menu #\*\*

## Reset Database

Confirm Reset Command

#31\*\*

Exit to Main Menu

#\*\*

Exit to Main Menu

\*\*

## Cellphone Status

see Instruction Manual Section 9 for details

### 1. Read Received Signal Strength (RSSI)

Speaks 0=poor 3=marginal 8=good 15=excellent

### 2. Service

Speaks AB where

A: 0=Analog, 1=CDMA, 2=PCS, 3=Sleep

B: 0=Normal, 1-9=Roaming

### 3. SID

### 4. NID

### 5. State

### 6. Channel / Power

### 7. Service Option / Protocol Revision

### 8. Extended State/ Drop Reason/ Online Mode

## Cellphone Programming

### Read ESN (Electronic Serial Number)

Speaks 'ESN is 123 point 12345678'

### Edit MIN (Mobile Identification Number)

Change MIN to 800-268-2646

*Must be 10 digits*

### Exit to Main Menu

### Advance

## SPECIFICATIONS

POWER: +11 to 28 VDC  
200mA idle, 1.25A transmitting

TEMP: -30°C to +60°C

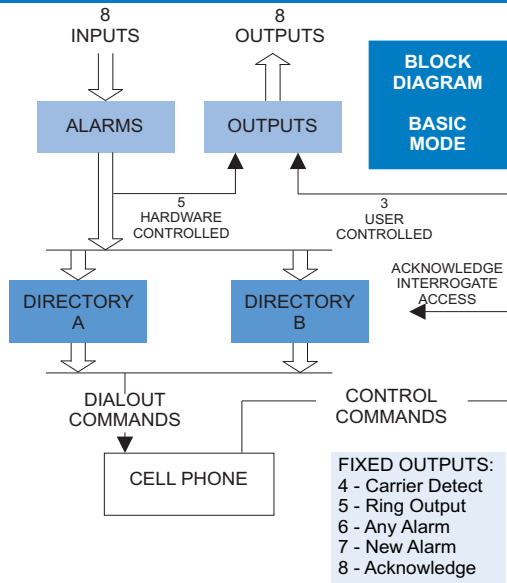
### INPUTS:

Digital: A terminal:  
0 to 30VDC input  
Internal 1M pull down  
B terminal:  
100k available for pull up

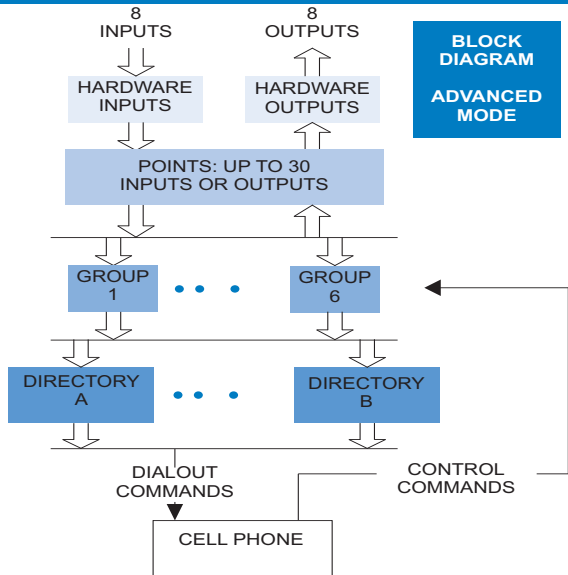
Analog: A terminal:  
0 to 30VDC  
100k input impedance

OUTPUTS: 0.4A, 50V max

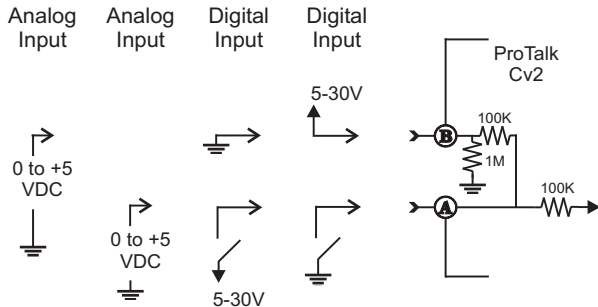
## BLOCK DIAGRAM - basic



# BLOCK DIAGRAM - advanced



# INPUT SCHEMATIC



# TECHNICAL SUPPORT

## **TECHNICAL SUPPORT**

Technical support for your ProTalk Cv2 is available as follows:

### **Network & Billing Support**

If you have any questions related to network connectivity or your wireless account, please contact your local wireless service representative.

### **Product Support**

For questions related to activation, performance, service, repair or other technical or product support concerns, please contact Barnett Engineering Ltd at [1-800-268-2646](tel:1-800-268-2646) or send email to [support@barnett-engg.com](mailto:support@barnett-engg.com).