MINIAIR 2 QUICK GUIDE

MiniAir 2 Quick Guide

Technical Specifications

Dimensions	30mm (h) X 45mm (w) X 15mm (d)
Weight	25g excluding aerial
Temperature	-20°C to +60°C transit
Humidity	0 - 80% non - condensing
Mounting	Any orientation
Warranty	2 years
Power Requirement	12.0 v - 17.0 v (DC)
Current Consumption	Quiescent = 15 mA Signalling = 200 mA
Radio Path	LTE-M & GPRS
Aerial	50 ohm (nominal) on MMCX socket
CIE Interconnections	1 Digital Input, 1 Digital Output, Analogue (Dial Capture) RCT Protocols Fast Format, SIA & Contact ID
User Serviceable Parts	There are no serviceable parts within the MiniAir
Environmental	Class II
Operation Method	Store and forward
Applicable Standards	Suitable for use in alarm systems complying to: EN50136-1:2012 SP2 ATS Classification: EN50136-1-1:1998 ATS 1/Grade 2

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Step 1 - Wiring

1. Power panel down.

2. Wire as per figure 1.

3. Connect aerial.

4. LED will show connection status.

Wire Explanation

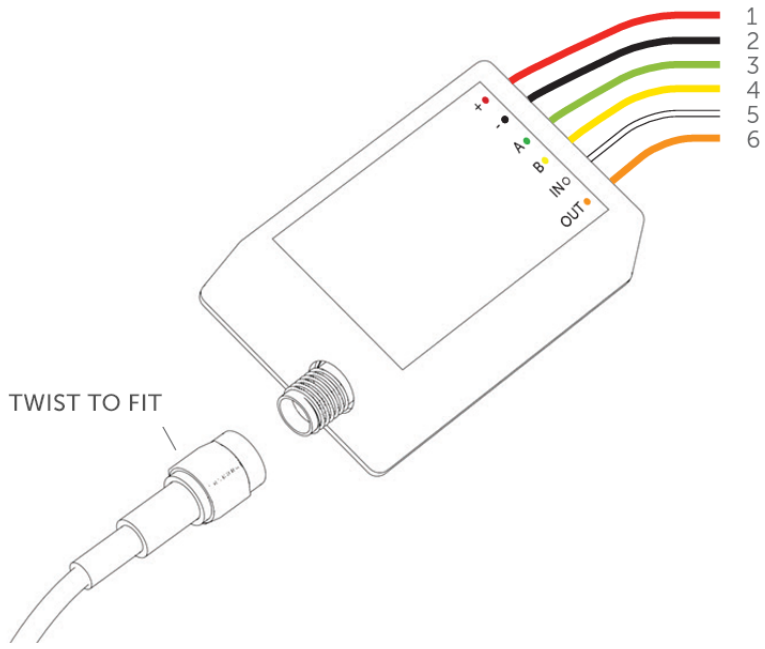 1 = 12v DC Power Supply

2 = Ground

3 = A - to panel's Digi-Modem

4 = B - to panel's Digi-Modem

5 = To Armed Status Output

6 = To Keyswitch Zone

Figure 1

TWIST TO FIT

+ ●
● ●
A ●
B ●
IN ●
OUT ●

1
2
3
4
5
6

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Step 2 - Dial Capture

For panels with PSTN Modems:

1 - Configure PSTN dialler of alarm panel – refer to manufacturer's guide

2 - Select DTMF (tone dialling)

3 - Select signalling format: Fast Format / Contact ID / SIA

4 - Enter any PSTN receiver telephone number (ie 01)

5 - Enter any 4 Digit chip/account number (ie 1234)

WHEN USING FAST FORMAT, THE MINIAIR INSTALLER APP AND MY HOME ALARM APP ARE PREDEFINED WITH A STANDARD FAST FORMAT CHANNEL CONFIGURATION. PLEASE PROGRAMME THE BELOW WITHIN YOUR CONTROL PANEL:

PIN	CHANNEL
1	Fire
2	Panic
3	Intruder
4	Open/Close
5	Fault
6	Bypass
7	Confirmed Alarm
8	Tamper

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Step 3 - Bell Output

For older panels with a bell output, please only use the below method to trigger an alarm:

1 - Configure bell/siren output of alarm panel – refer to manufacturer's guide

2 - Wire the bell trigger to the MiniAir 2 input (IN – white cable)

3 - Download the MiniAir Installer App for Android/iOS

4 - Please contact CSL to obtain log in credentials to the MiniAir Installer App & select device by serial number/ICCID

5 - Enter Settings the select Advanced Settings

6 - Depending on your panel configuration set Input pins as: General Alarm N.O./N.C.

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Step 4 - End User App

1 - Download the My Home Alarm App for Android/iOS

2 - Login with the credentials provided in the box.

3 - When logging in for the first time change the username and password. Then enter the recovery email address

4 - Within the App, select the menu button and then the settings option

5 - Select notifications and adapt as per the on-screen instructions

6 - If you require remote arming/disarming follow step 5 of this guide

7 - Provide a demo for your customer

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Step 5 - Remote Arm & Disarm

Firstly, configure the panel as below:

1 - Configure a momentary/latching keyswitch – refer to manufacturer's guide

2 - Wire OUT (orange wire) to the momentary/latching keyswitch of the panel

3 - Configure a programmable output from the panel to Activate (switch to ground) when the
panel is armed and to deactivate when disarmed – refer to manufacturer's guide

4 - Wire the programmable output to IN (white wire) on the MiniAir 2

Please note: A relay may be required when configuring a panel with a latching keyswitch

Secondly, configure the App:

1 - Enable Open/Close reporting on the panel

2 - Enable arming/disarming from the settings menu on the My Home Alarm App

3 - Ask the customer to enter a remote pin of their choice

4 - Arm/Disarm from the panel's keypad within 2 minutes to complete synchronisation

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Troubleshooting

If you have issues receiving events try the following settings of the panel:

- Disable "Telephone line monitoring"
- Disable "Wait for dial tone" option
- Use "A" instead of "0" in the account number

If there is more than one partition, enter an account number for each partition. For certain panels you may need to also specify an account number for the main partition (sometimes referred to as system number)

WARNINGS

Wiring should only be done when the unit is powered down.

Ensure, once connected, the aerial is positioned outside the panel.

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Introduction

This guide provides basic information to enable you to install and commission the MiniAir 2 quickly.

Before installation or testing, the ARC should be contacted and system placed on test.

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LED Guide

Flashing every second	Establishing connection
On	Good signal
Flashing every 5 seconds	Low signal
3 Fast flashes	Transferring data