QuickFit Kit Easy Start Guide

Q – Display - How do I clear the [READY - MEMORY] message?
A – Press the status button on the Keypad or press [SET] repeatedly to review the memory condition. Start the ARMING process then disarm the system. The memory prompt should be cleared.

Q – Tamper - I have fitted the siren and closed the lid yet the panel still reports [001 TAMPER OPEN] what is wrong?
A – It is most likely the back tamper. Down power the siren and remove it from the wall, then adjust the screw on the back to extend the tamper arm.

Q – Siren - The internal siren will sound on the control panel but will not sound the external siren.
A – This is due to the abort time found in the Installer mode – Define Panel -menu S. If this is set to zero 0 seconds it will delay the external siren and telephone communications.

Q – Communication - I have entered the private phone numbers but the panel does not dial when the system is triggered.
A – You need to also enable Report to PRV in the define Coms menu. See section 8 for more details.

Q – Panic – I am pressing the keypad or panel panic buttons but nothing happens.

Q – Diagnostics – When I test the devices the diagnostic screen says certain devices are [NOT OK]
A – Ensure you are entering the diagnostic menu the previous reading is clear and system needs to see a new signal from the device. Simply repeat the test but make sure the device is triggered (tamper or alarm)

10) User Setting and operation. Within the user settings you can add/delete keyfobs, set time and date, program phone numbers etc. To select any of these options enter the user menu by pressing [SET] until [User Settings] is shown, then followed by the customer code, Pressing then [SET], whilst in the menu will allow you to access the programming option. Remember if you are changing the setting you need to press the RED key twice.

User operation is via the keypad or keyfobs (supplied).

When receiving a phone call from the Powermax System the user will hear the House ID message followed by the type of activation. The call must be acknowledged to prevent the system contacting other Key-holders. To acknowledge press the “#” button on the telephone keypad or “*” if you would like to listen and talk through the Powermax. Refer to your user guide for more options.

You can also control the Powermax remotely by ringing in. To do this call the Powermax / House phone number, let it ring twice then hang up. Wait 20 seconds, then call again. You will hear a modern type tone, then:
Press “*”, then your user code, followed by “#”
You are now logged in and can use commands like:
* , * # to disarm the system
* , * # to arm the system
* , * # to investigate the system status
* , * # to log off

For more options and instructions on how to ring in to the system consult the User guide.

Other products in the Visonic range:

PowerMax Pro
Great design with on board Proximity reader

MCT-442 CO Sensor
with built-in sounder, a must for every home

MCT-425 Optical smoke detector
LPCP approved

MCT-450 Flood Sensor
detects early signs of flooding within the home

MCP-150 Twin way keypads

MCM-140 Single way keypads

MCS-720 Two-way wireless indoor siren

MCT-124 Double faced, handheld panic button

PowerMax Complete
QuickFit Kit Easy Start Guide

STOP!
Make a cup of tea, and spend the next five minutes reading this information

1) Introduction
Welcome to PowerMax Complete, the latest wireless Home Security solution from Visonic. This guide provides some step by step information that will help you get the system up and running.

Before you begin you should know that this kit is supplied with the transmitters pre-enrolled and pre-programmed with the most common settings. Additionally, each transmitter is labelled with its zone or floor number on the rear plastic, following this guide will help you make basic configuration changes. For more detailed information please refer to the full programming guide included within the kit.

Finally, we have included a trouble shooting section to this guide. Before you ring the support line have a look through as most common problems are listed here.

2) Choose a location to mount your control panel, making sure it is at least 1 metre from any large metallic objects e.g. Radiators, or RF equipment e.g. WIFI transmitters. Additionally ensure there is access to mains power supply and telephone line if required.

Separate the backplate from the main control panel, Mark and fix as required using three fixing points as shown in the diagram. 230VAC should be connected to the AC IN terminals underneath the protective cover.

This is a professional product and should be installed by a qualified engineer

- Internal GSM
purchased separately
- Telephone Line IN
- Optional connection to telephone extensions
- 12VDC Power lead connection
- 230VAC via a 3A fused outlet
- Zone & Sounder expander board
purchased separately
- Fixing points

To Access the installer mode via the user menu, Press [SET] until the display shows ‘User settings’, then press [SET] and enter the user code. Once in the user menu press [SET] twice until the display shows ‘Installer mode’, then press [SET] followed by the installer code.

Default codes are:-
   User 1111/ Installer 9999.
3) (Optional) Connect the Powermax to the telephone line via terminals 2 & 5 on the telephone socket, and the ‘Line’ terminals on Powermax. Alternatively, if you have a standard plug-in phone lead remove the clear plastic (PU11) plug and use the centre two cores of the cable to connect to the line terminals (there is no difference which way around these are connected).

If Broadband (ADSL) is enabled on the premises phone line then you will need to fit a filter available from most wholesalers.

4) Power-up the Powermax by connecting the battery first, which fits in to the compartment on the main panel and is connected via the flying lead to the adjacent socket. Then connect the transformer power supply lead (red and black) to the 12VDC socket on the main panel and close.

Depending on status of panel and accessories the display will show [READY - MEMORY] or [NOT READY - MEMORY]. At any time you can press the status button on the keyfob, or repeatedly press to find out any faults/ memory conditions that are outstanding.

Before you install the Accessories we recommend that you carry out a diagnostic check which is in section 7 of this guide.

Each device is labelled with its zone number. Make sure you note this before installing the device.

PIR motion sensors should be sited to ensure that they do not face into direct sunlight, windows or strong sources of heat and cold (i.e. heaters, radiators, cold drafts or ventilators). They should also be mounted at the correct height (between 1.8 – 2.4m). For PET sensors ensure the unit is not facing the stairs and animals can not move within 1m of the device. To install, remove the cover, unscrew the PCB, drill and fit in position being careful not to over tighten the screw and distort the backplate. Then refit the PCB in to the back plate ensuring the back tamper switch sits on to the metal spring.

Wireless PIR’s have a two minute sleep timer to save battery life – On initial power up the unit will go through a self test (LED flashing) then enter a walk test mode. If the PIR has gone into sleep mode make each room vacant for two minutes or open and close the lid before carrying out the walk test.

MCT-320 Door Contact has a built in reed switch for use with the magnet supplied.

To install fit the main transmitter to the door or window frame using a curved edge facing the opening section. The magnet should be installed on the opening section, no more than 5mm from the (MARKER)

Refer to the MCT-320 instruction guides if the auxiliary input is being used. Note that the EOL resistor is optional and not required as default. If the gap between MCT-320 and magnet is too great use the plastic spacer provided in the kit to increase the height of the magnet.

MCS-730 Wireless Siren is installed using the four fixing screws provided. Note a fifth screw should be fitted for the back tamper (Grade 2 installations) using the fixing point in the centre below the piezo siren. The MCS-730 can be fitted with a second battery for extended life, and has comfort LED which can be disabled/enabled via a jumper link in the battery compartment. See MCS-730 manual for more information.

Note up to two MCS sirens can be fitted to the Powermax.

Enrol additional devices by firstly removing from their packaging and opening the cases near the Powermax. Then, whilst in installer mode (see section 1 Accessing the Installer mode) press until ‘Enrolling’ is shown, press again.

For PIR Movement sensors, Door Contact, Glassbreaks, hand held panic buttons etc:-

Press until [Enrol Sensors] is shown on the screen. Press .

Press at [Set Sensitivity] press then again.

Press until you get to the next available zone (as default this will be zone 1) which will be indicated by having no black marker on the right of the screen.

Press to ‘Transmit now’ will be on screen.

Add the battery supplied to the sensor you wish to enrol to this zone.

Trigger a tamper on the sensor, trigger the input (for universal or aux input on door contacts) or press button (for hand held devices) to initiate a transmission.

Remove battery from transmitter, press then to enrol an additional device.

If a sensor has already been enrolled in another zone a long error tone will be heard and the sensor will not be accepted again.

PIR’s have back tamper’s which require both the front and back tamper switch to be pressed simultaneously during enroling.

Defining the Zone Types will allow you to program what happens when alarm sensors are triggered in the armed AWAY & HOME modes, whilst also being able to allocate a zone name and chime setting. This section is only used for the Movement Sensor and Door Contact.

You should be in the installer mode, press next until [Zone Definitions] is shown. Press and enter the zone number you wish to program followed by .

At the screen Zone type press and the existing setting will be shown, press to scroll to the next option then press and again once you have found the zone type required.

• Interior – This zone will be turned off during the Home set (ideal for Landing and bedroom detectors).

• Home Delay – This zone acts as an entry route during the delay time, but also starts a delay time when the system is in arm in the Home mode. (Similar to Part Entry/Exit).

• Perimeter – This will trigger during the Away and Home mode (ideal for living rooms, Kitchens etc.)(Similar to Normal Night or 12hr Zone).

• Perimeter Follower – Same as above but allows access through the detector during the delay mode. (Similar to Entry Route or Access zones).

• Delay 1 & 2 – These zones will start an entry timer when activated during the Away or Home mode (ideal for the front and back door which are being used as entry and exit points).

Note: There are more zone types. Please refer to the installation manual for more information.

The next screen allows you to pick the [Zone Name]. As previously, press to enter the menu then press to scroll through the library until you find the name required then press and again to confirm.

Finally, press to enter the chime option and select whether you would like this to be Off, Melody or Zone name type.

The diagnostic testing feature is a useful tool for determining the signal strength from the sensors deployed on site. This should be carried out before and after you have installed the system whilst in installer mode main menu :-

Press until the screen shows ‘Diagnostics’, then press

Press again (to test sensors) and ‘Diag. Testing’ will be on screen.

Now walk around the premises and trigger all of the sensors (see note below).

Once completed use the key to cycle through the zone and check that all signals are either ‘Good’ or ‘Strong’.

If any sensors show ‘poor’ re-site to a better position.

If a wireless sirens is on the system then you can perform a remote diagnostic check by selecting [WL Siren Test] in the Diagnostic menu and pressing twice.

If you find a sensor is out of range consider using a MGX-600 repeater. When powered via 12VDC this will boost signals received from transmitters.

Powermax has an onboard voice dialler which optionally, can be used to contact your customer in the event of a alarm activation or alert.

To enable, whilst in installer mode main menu:-

Press until the screen shows [Define Comms], then press

Press until [4.Private Report] is shown, then press

Press [Select] at the first option [Report to PRVT] then press until [All-User] is also shown. This reports all alarm and tamper events to the user but not when the system is armed or disarmed (For information on the others options consult the programming guide).

Press twice, Press and at Voice report option which will then display 1st Private Tel. Press to enter the telephone number followed by . Press and repeat as necessary. Note these numbers can also be changed via the user menu.

The House Identification is a recorded message played when Powermax calls the user to notify them of an alarm.

To record this message ensure you are still in the installer mode:

Press until [Define Voice] then press . Press until [Record Speech] is shown, press and the screen will display ‘House Identify’.

To record the message press and hold the [2] button then say the house ID e.g. “Mr & Mrs Smith, Blacksmith Cottage, Inver.”. Note, the black squares are shown towards the end of the recording.

Press to listen to the message you recorded.

Trouble Shooting

Q – Display = The system display shows [NOT READY] or [NOT READY - TROUBLE]?

A – There is a fault outstanding, press the button on any keyfob or press the button repeatedly and listen to each message. Any ‘...Alarm’ messages i.e. “Hall Tamper Alarm” can be ignored however, zone and tamper open messages need to be addressed i.e. “Hall Tamper OPEN”. 
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3) (Optional) Connect the Powermax to the telephone line: via terminals 2 & 5 on the telephone socket, and the “Line” terminals on Powermax. Alternatively, if you have a standard plug-in phone lead remove the clear plastic (R11) plug and use the centre two cores of the cable to connect to the line terminals (there is no difference which way around these are connected).

4) Power-up the PowerMax by connecting the battery first, which fits in to the compartment on the main panel and is connected via the flying lead to the adjacent socket. Then connect the transformer power supply lead (red and black) to the 12VDC socket on the main panel and close.

Depending on status of panel and accessories the display will show [READY - MEMORY] or [ NOT READY - MEMORY], at any time you can press the status button on the keyfob, or repeatedly press [ ] to find out any faults/memory conditions that are outstanding.

Before you Install the Accessories we recommend that you carry out a diagnostic check which is in section 7 of this guide.

Each device is labelled with its zone number. Make sure you note this before installing the device.

PIR motion sensors should be sited to ensure that they do not face into direct sunlight, windows or strong sources of heat and cold (i.e. heaters, radiators, cold drafts or ventilators). They should also be mounted at the correct height (between 1.8 – 2.4m). For PET sensors ensure the unit is not facing the stairs and animals can not move within 1m of the device. To install, remove the cover, unscrew the PCB, drill and fit in to position being careful not to over tighten the screw and distort the backplate. Then refit the PCB in to the back plate ensuring the back tamper switch sits on to the metal spring.

MCT-320 Door Contact: has a built in Reed switch for use with the magnet supplied.

To install fit the main transmitter to the door or window frame ensuring curve edge is facing the opening section. The magnet should be installed on the opening section, no more than 5mm from the (MARKER)

MCT-40 Refer to the MCT-320 instruction guide if the auxiliary input is being used. Note that the EOL resistor is optional and not required as default. If the gap between MCT-322 and magnet is too great use the plastic spacer provided in the kit to increase the height of the magnet.

MCS-730 Wireless Siren: is installed using the four fixing screws provided. Note a пятый screw should be fitted for the back tamper (Grade 2 installations) using the fixing point in the centre below the peizo siren. The MCS-730 can be fitted with a second battery for extended life, and has comfort LED which can be disable/enabled via a jumper link in the battery compartment. See MCS-730 manual for more information.

Note up to two MCS sirens can be fitted to the PowerMax.

Enrol additional devices by firstly removing from their packaging and opening the cases near the Powermax. Then, whilst in installer mode (see section 1 Accessing the Installer mode) press [ ] until ‘Enrolling’ is shown, press [ ] again.

For PIR Movement sensors, Door Contact, Glassbreaks, hand held panic buttons etc.

- Press [ ] until you get to the next available zone (as default this will be zone 4) which will be indicated by having no black marker on the right of the screen.
- Press [ ] ‘Transmit now’ will be on screen,
- Add the battery supplied to the sensor you wish to enrol to this zone.
- Trigger a tamper on the sensor, trigger the input (for universal or aux input on door contacts) or press button (for hand held devices) to initiate a transmission.
- Remove battery from transmitter, press [ ], then [ ] to enrol an additional device.

If a sensor has already been enrolled in another zone a long error tone will be heard and the sensor will not be accepted again.

PIR’s have back tamper magnets which require both the front and back tamper switch to be pressed simultaneously during enroling.

4) Defining the Zone Types will allow you to program what happens when alarm sensors are triggered in the armed AWAY & HOME modes, whilst also being able to allocate a zone name and chime setting. This section is only used for the Movement Sensor and Door Contact.

You should be in the installer mode, press next until [Zone Definitions] is shown. Press [ ] and enter the zone number you need to program followed by [ ] again.

At the screen Zone Type press [ ] and the existing setting will be shown. Press [ ] to scroll to the next option then press [ ] and [ ] again once you find the zone type required.

- Interior – This zone will be turned off during the home set (ideal for Landing and bedroom detectors).
- Home Delay – This zone acts as an entry route during the delay time, but also starts a delay time when the system is in arm in the Home mode. (Similar to Part Entry/Exit).
- Perimeter – This zone will trigger during the Away and Home mode (ideal for living rooms, Kitchens etc). (Similar to Normal Night or 12hr Zone).
- Perimeter Follower – Same as above but allows access through the detector during the delay mode. (Similar to Entry Route or Access zones)
- Delay 1 & 2 – These zones will start an entry timer when activated during the Away or Home mode (ideal for the front and back door which are being used as entry and exit points).

Note: There are many more zone types. Please refer to the installation manual for more information.

The next screen allows you to pick the [Zone Name]. As previously, press [ ] to enter the menu then press [ ] to scroll through the library until you find the name required then press [ ] and [ ] again to confirm.

Finally, press [ ] to enter the chime option and select whether you would like this to be Off, Melody or Zone name type.

The diagnostic testing feature is a useful tool for determining the signal strength from the sensors displayed on site. This should be carried out before and after you have installed the system.

Whilst in installer mode main menu:

- Press [ ] until the screen shows ‘Diagnostik’, then press [ ] again.
- Press [ ] again (to test sensors) and ‘Diag. Testing’ will be on screen.
- Now walk around the premises and trigger all of the sensors (see note below).

- Once completed use the [ ] key to cycle through the zone and check that all signals are either ‘Good’ or ‘Strong’.
- If any sensors show ‘poor’ re-site to a better position.

If a wireless siren is on the system then you can perform a remote diagnostic check by selecting [WL Siren Test] in the Diagnostic menu and pressing [ ] twice.

If you find a sensor is out of range consider using a MXG-600 repeater. When powered via 12VDC this will boost signals received from transmitters.

Powermax has an onboard voice dialler which optionally, can be used to contact your customer in the event of a alarm activation or alert.

To enable, whilst in installer mode main menu:

- Press [ ] until the show menu [Define Coms], then press [ ]
- Press [ ] until [Private Report] is shown, then press [ ]
- Press [ ] at the first option [Report to PRVT] then press [ ] until [All o/p(s)] is shown. This reports all alarm and tamper events to the user but not when the system is armed or disarmed (for information on the other options consult the programming guide).
- Press [ ] twice, [ ] and [ ] at Voice report option which will then display ‘1st Private Test’. Press [ ] to enter the telephone number followed by [ ] twice. Press [ ] and repeat as necessary. Note these numbers can also be changed via the user menu

The House Identification is a recorded message played when Powermax calls the user to notify them of an alarm.

To record this message ensure you are still in the installer mode:

- Press [ ] until [Define Voice] then press [ ]. Press [ ] until [Record Speech] is shown, press [ ] and the screen will display ‘House Identify’.
- To record the message press and hold the [2] button then say the house ID e.g. “Mr & Mrs Smith, Blacksmith Cottage, Irono.”. Note, the black squares are shown towards the end of the recording.
- Press [ ] to listen to the message you recorded.

Trouble Shooting

Q – Display – The system display shows [NOT READY] or [NOT READY - TROUBLE]

A – There is a fault outstanding, press the status button on any keyfob or press the [ ] button repeatedly and listen to each message. Any “...Alarm” messages i.e. “Hall Tamper Alarm” can be ignored however, zone and tamper open messages need to be addressed i.e. “Hall Tamper OPEN”.

Quick Fit Kit's fence: A fence is typically part of the perimeter of a property, serving as a boundary marker and offering security and privacy. It often includes gates or driveways for access control. Ensuring that the fence is well-maintained and secured is crucial for the overall security of the property.
QuickFit Kit Easy Start Guide

PowerMax Complete

QuickFit Kit Easy Start Guide

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Introduction
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Finally, we have included a trouble shooting section to this guide. BEFORE you ring the support line have a look through as most common problems are listed here.

1. User Setting and Operation
Within the user settings you can add/delete keyfobs, set time and date, program phone numbers etc. To select any of these options enter the user menu by pressing until [User Settings] is shown, then followed by the customer code. Pressing then returned whilst in the menu will allow you to access the programming option. Remember if you are changing a setting you need to press the key twice.

User operation is via the keypad or keyfob (supplied).

To Access the installer mode via the user menu. Press until the display shows 'User settings', then press and enter the user code. Once in the user menu press twice until the display shows 'Installer mode', then press followed by the installer code.

Default codes are: User 1111/ Installer 9999.