QuickFit Kit Easy Start Guide

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 "2" button on the telephone keypad or "#" if you would like to listen and talk through the PowerMax.

For 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 modem type tone, then...

Press "*", then your user code, followed by "#".

You are now logged in and can use commands like:

- 1, # to Disarm the system
- 3, # to Arm the system
- 9, # to investigate the system status
- 99, # 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:

- PowerMaxPro
- MCT-446 CO Sensor
- MCT-450 Optical smoke detector
- MCT-500 Flood Sensor
- MKP-150 Two way keypads
- PCM-140 Single way keypads
- MCS-720 Two-way wireless indoor siren
- MCT-126 Double push, handheld panic button

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 fan 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.

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 [ACT] until [User Settings] is shown, then [0] followed by the customer code. Pressing [3] then [2], whilst in the menu will allow you to access the programming option. Remember if you are changing a setting you need to press the [ACT] key twice.

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

Q – Display - How do I clear the [READY - MEMORY] message?
A – Press the status button on the Keypad or press [ACT] 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 [S01 TAMPER OPEN] what is wrong?
A – If 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 5. It is set to above 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 PRT in the define Coms menu. See page 8 for more details.

Q – Panic – I am pressing the keypad or panic panic buttons but nothing happens.
A – You need to enable this facility to operate. In installer mode press [ACT] until you see [Define Panel] then press [A].

Press next until [2]: [Panic Alarm] then press [0] then press [ACT] to select the type (Silent or Audible) pressing [0] then [ACT] to confirm.

Q – Diagnostics – When I test the devices the diagnostic screen says certain devices are NOT OK
A – Each time you enter the diagnostic menu the previous reading are cleared 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).

Stop!

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

1) Introduction

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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 fan 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.

To access the installer mode via the user menu, press [ACT] until the display shows 'User settings', then press [0] and enter the user code. Once in the user menu press [ACT] twice until the display shows 'Installer mode', then press [ACT] followed by the installer code.

Default codes are:- User 1111/ Installer 9999.
QuickFit Kit Easy Start Guide

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 “1” button on the telephone keypad or “#” if your phone is equipped with a number pad. Press “*” then your user code, followed by “#”

You can also control the PowerMax remotely by ringing in. To do this call the PowerMax / Home 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 “#”.

For more operations 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 GD Sensor
- With built-in sounder, a must for every home
- MCT-425 Optical smoke detector
- LPSF approved
- MCT-500 Flood Sensor
- Detects early signs of flooding within the home
- MKP-150
- Two way keypads
- MCM-140
- Single way keypads
- MCS-720
- Two-way wireless indoor siren
- MCT-124
- Double push, handheld panic button

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 lock 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.

Introduction

NEED HELP? Trade customers only: call Visonic Product Support on 0800 7240880 or email products.support@uk.visonic.com. End users should contact their place of purchase.

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 [MCT] until [User Settings] is shown, then follow the code by the customer code. Pressing [MCT] then [USER], whilst in the menu will allow you to access the programming option. Remember if you are changing a setting you need to press the [USER] key twice.

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

PowerMax Complete

QuickFit Kit Easy Start Guide

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

Whilst in any of the menus (user or installer) the following keys will help you navigate the system:

- returns you to the start of the main menu.
- takes you back to the previous menu.
- scrolls forward in the menu.
- scrolls back in the menu.

Choose a location to mount your control panel, making sure it is at least 1" 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
- Option 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 MCT until the display shows “User settings”, then press MCT and enter the user code. Once in the user menu press MCT twice until the display shows “Installer mode”, then press MCT followed by the installer code.

Default codes are: User 1111/ Installer 9999.

Important: Please refer to the programming manual of Visonic Ltd, other than on the products or users manual. Visonic reserves the right to change information without prior notice.

QuickFit Kit Easy Start Guide

Pre-Enrolled, Pre-Programmed, Ready to Install.
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 (RU11) 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.

5) **Before you install the Accessories** we recommend that you carry out a diagnostic check which is 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 – 3.4m). For PET sensors ensure the unit is not facing the stars and animals can not move within 1m of the device. To install, remove the cover, unclip the PCB, drill and fit in position being careful not to over tighten the screw and distort the backplate. Then refit the PCB to the backplate ensuring the back tamper switch sits on 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 ensuring curved edge is facing the opening section. The magnet should be installed on the opening section, no more than 5mm from the curved edge as shown in the picture.

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-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 pull 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 [Menu] until ‘Enrol’ is shown, press [Exit] then...

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

- Press [Menu] 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 [Menu] ‘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 [Menu], then [Exit] 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 switches which require both the front and back tamper switch to be pressed simultaneously during enrolling.

6) 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 [Menu], and enter the zone number you need to program from the keypad.

At the screen Zone Type press [Menu] and the existing setting will be shown, press [Scroll] to scroll to the next option then press [Menu] and [Scroll] 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 armed 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 Zone)
- 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 [Menu] to enter the menu then press [Menu] to scroll through the menu until you find the name required then press [Menu] and [Scroll] again to confirm.

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

7) 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 [Menu] until the screen shows ‘Diagnostics’, then press [Menu]
- Press [Menu] 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).

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 key/pad or press the [Reset] 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”.

QuickFit Kit Easy Start Guide

For a secure way of life
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 (RU1) 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.

5) 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 PIR sensors ensure the unit is not facing the stairs and animals can not move within 1m of the device. To install, remove the cover, unclip the PCB, mount it and fit in position being careful not to over tension 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 ensuring curved edge is facing the opening section. The magnet should be installed on the opening section, no more than 5mm from the curved edge as shown in the picture. 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-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 prizel 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.

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

- Press [ ] until [Enrol Sensors] is shown on the screen.
- 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 tampers which require both the front and back tamper switch to be pressed simultaneously during enrolling.

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 a blank space.

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 Lading and bedroom detectors).
- Home Delay — This zones acts as an entry route during the delay time, but also starts a delay time when the system is armed 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 names 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 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 menu:-

- Press [ ] until the screen shows ‘Diagnistics’, 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 complete used 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 MCX-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 an alarm activation or alert.

To enable, whilst in installer mode main menu-

- Press [ ] until [Phone] is shown, then press [ ]

- Press [ ] until [Private] is shown, then press [ ]

- Press [ ] at the first option [Report to PRIVT] then press [ ] until [All -9999] 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.

- Press [ ] and [ ] at Voice report option which will then display ‘Private Tel’, 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 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 Identity’.

- To record the message press and hold the [ ] button then say the house ID e.g. “Mr & Mrs Smith, Blacksmiths Cottage, Truro.”. 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 key button and 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”.  

QuickFit Kit Easy Start Guide