Scantronic

Homelink[75] : technical guide

Intelligent reassurance - for your world
PPD6662: 2004 GRADE 2, DD243: 2004 compliant

COOPER Safety

PD6662: 2004 Grade 2 and DD243:
2004 compliant

Professional 868MHz narrowband radio

32 radio zones & 32 radio outputs

Full range of detector/transmitter options

Remote access & control from any telephone,
fixed line or mobile

Integral modem, speech and digital
communicator

GSM & TCP/IP options including ADSL
& broadband connection

Attractive, modern design

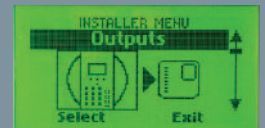Enjoy even more reassurance from Homelink

make life easy...

Imagine taking Scantronic's renowned, reliable 868MHz narrowband radio system, adding a fully functioning up/download modem and one of the best speech diallers on the market. Then adding the most intuitive pictographic display to make programming simpler than ever before...welcome to Homelink[75].
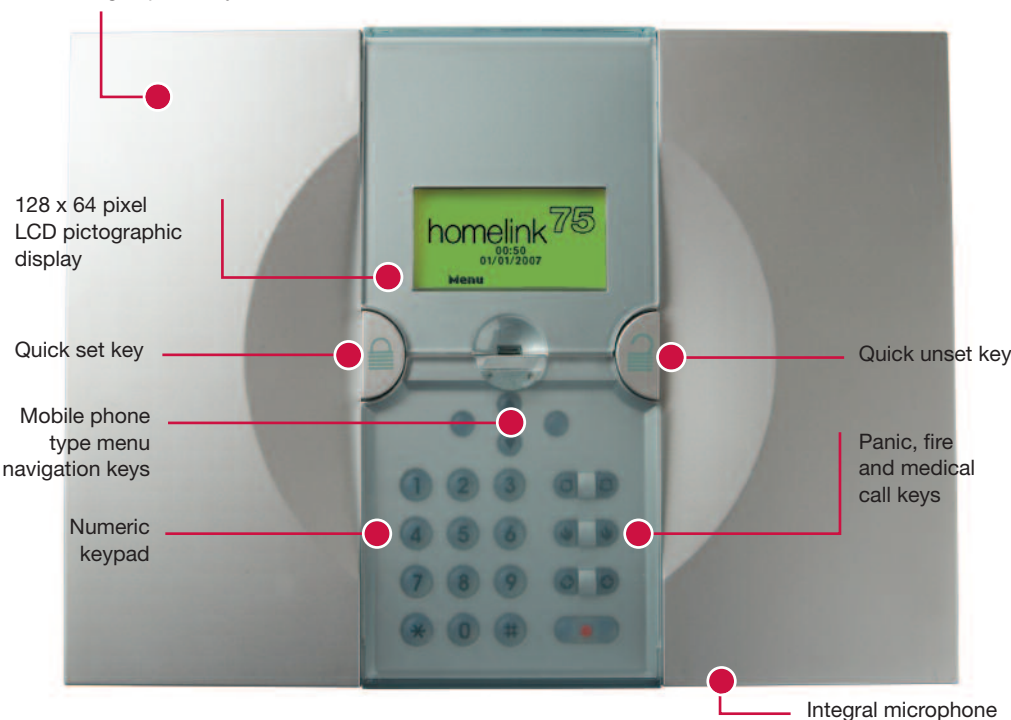
Features

- > 32 fully supervised (to EN50131-3) radio input zones
- > Integral radio field-strength meter for accurate detector siting
- > 2 FSL wired input zones
- > 32 programmable radio outputs
- > 2 wired relay outputs
- > Multi-function remote operation fobs
- > GSM: to communicate alarms and system status without the need for a fixed telephone line
- > TCP/IP sends data straight from your Homelink[75] system to a monitoring centre via broadband, LAN or WAN
- > Scantronic AE2 dual diversity 868MHz narrowband radio receiver
- > Integral proximity reader
- > Standard integral digital communicator offering SCANCOM Fast-Format, CID, SIA I, II & III Extended formats
- > Integral speech dialler with one 12s home message and up to four consecutive messages each 8s long with listening-in and talk back facility
- > NiMH batteries giving at least 12 hours standby operation
- > Full upload/download and remote servicing facility
- > 30 second voice memo recording facility
- > Now lets you remotely check the status of the system, and to set and unset it

Intuitive displays

Integral proximity reader

128 x 64 pixel LCD pictographic display

Quick set key

Mobile phone type menu navigation keys

Numeric keypad

Quick unset key

Panic, fire and medical call keys

Integral microphone

Probably the best looking, most fully-featured professional home security solution ever –

and now fully PD6662 : 2004, DD243 : 2004 Grade 2 compliant

halve your fitting time!

Homelink[75] uses standard NiMH standby batteries and can be programmed either on-site or at your office. This can be done via the keypad or by using Cooper Security downloader software via the unit's integral USB socket. (The downloader software can also be used remotely).

Info module - 771r

At a glance status of all your security settings.

Display the status of each individual part of a Homelink[75] alarm system by installing an Info Module in any area where you need to know what is happening on the system.

A built-in sounder gives setting and un-setting tones and also acts as an internal siren if an alarm is set off.
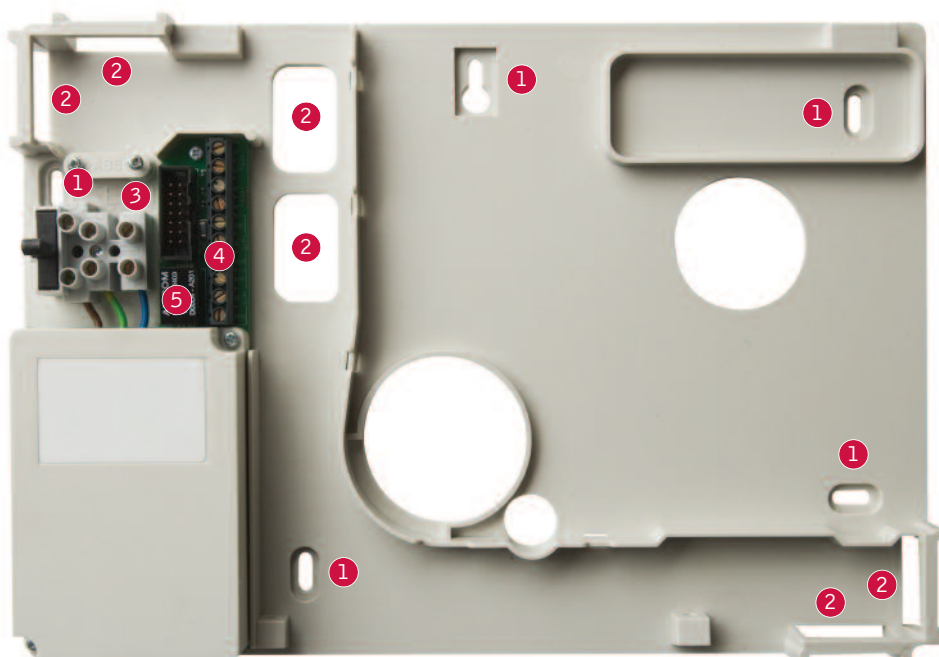
WAM module - 770r

This multi-purpose Wireless Accessory Module provides radio outputs or a radio connection to a wired bell. It can also act as a radio signal repeater, to give more control to the user and the system even greater flexibility.

Arming station - 7525r

Enables you to set the alarm from an additional point within the property.

Set or un-set the Homelink[75] alarm system without having to visit the base unit.

Arming stations can be positioned in any rooms providing convenience and peace of mind where required.

Quick installation

1. Screw base plate to wall

2. Use channel guide to run mains cable from any of the entry points

3. Connect mains cable and secure with strain relief clamp

4. If using wired inputs or outputs, run cables and connect

5. Take the main control panel and connect any external loudspeakers and microphone units needed. Connect the telephone line

6. Using the supplied ribbon cable, connect the control unit to the base plate

Product Specification

Product name	Homelink[75]
Product order code	07510UK-20
Manufacturer	Cooper Security Ltd
Environmental	EN 50130-5 environmental class II
Operating temperature	-10°C to +55°C
Humidity	93% RH
Dimensions (W x H x D)	285mm, 206mm, 45mm
Weight	1.060 kg (without stand-by battery)
Case material	ABS
Input zones	2 wired, 32 radio
User	50
Event log	250 event log with date and time stamp, viewed or downloaded
Telecommands	16
Pendants	16
Outputs	2 wired, 32 radio
Internal clock	±10 minutes over one year (depending on the accuracy of the mains supply frequency)

Security

Security grade	This product is suitable for use in systems designed to comply with EN 50131-1 at Grade 2 INCERT No. C0160201 PD6662 : 2004 Grade 2, DD243 : 2004 compliant for UK use
Radio detector differs	16,777,214
Radio supervision	Programmable
Access code	4 digits, all four digits may be any number 0 to 9, giving 10,000 differs

Radio

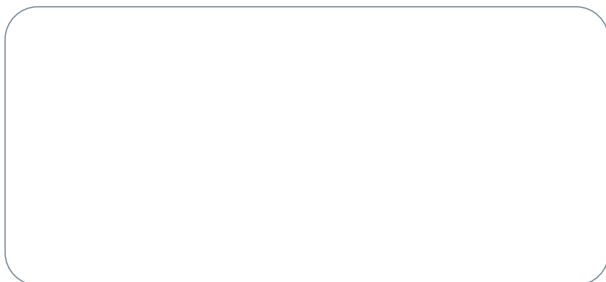|	
Radio section	Operating frequency 868.6625MHz narrowband. Complies with ETSI EN 300 220
Transmitter range	The range of the transmitters compatible with this control unit depends on the environment in which they are installed. As a guideline, most transmitters will work up to 200m range in free space conditions

Communications

ATS rating 2 meeting the performance criteria of D2, M2, S1 and I0 as described in EN50136-1-1:1998 subject to network conditions

Reporting Formats	Scancom Fast-Format, CID, SIA level 1, 2, 3 and 3 extended
GSM/ISDN	Uses plug on module with proprietary interface between control unit and module

This product can share a PSTN line with other telephony or fax equipment

Speech messages can be configured to be up to 44s long (one 12s home message and four consecutive alarms messages of 8s each)

Power Supply

The internal power supply is an off-line switching type. This product complies with the requirements of EN50131-6 Type A power supply at Grade 2 and environmental class 2

Mains power supply	230VAC +10%/-15%, 200mA max, 50Hz/60Hz
Standby battery	6 x 1.2V 2000mAh AA rechargeable NiMH
Standby time	More than 12 hours
Max recharge time	72 hours
Monitoring includes	Mains fail, battery low voltage, battery failure

Electromagnetic Compatibility

Immunity	Conforms to EN50130-4
Emissions	Conforms to EN61000-6-3:2002

Outputs

O/P 1 & 2	Voltage free, single pole relay contacts rated 24VDC @ 1A or 120VAC @ 0.5A
O/P 3-34	10mW radio transmission outputs
Timed O/P's	Any or all of the outputs can have automatic time control

Inputs

Zone 33 and 34	Fully supervised loop

Fuses

The control unit has a T400mA mains fuse

Electrical Safety

Conforms to EN60950-1:2002

Compatible Equipment

Model	Description
701REUR-50	Lanyard Pendant Transmitter
701REUR-60	Pendant Transmitter (hand held)
702REUR-00	Watch Pendant Transmitter
706REUR-00	Two-Button PA/Tilt Switch Transmitter (lone worker)
710REUR-00	Two-Button PA
713REUR-00	Pet-Tolerant PIR Transmitter (up to 25 kg)
714REUR-00	PIR Transmitter (small case)
720REUR-02	Optical Smoke Detector Transmitter
722REUR-00	Four-Button Telecommand with PA
723REUR-00	Four-Button Telecommand
726REUR-50	Long Range PA Transmitter
726REUR-60	Short Range PA Transmitter
734REUR-00	Door Contact Transmitter (CC version)
734REUR-01	Door Contact Transmitter (FSL version)
738REUR-00	Spyder Shock Sensor Transmitter
739REUR-00	PC Board for Glass Break Detectors
750REUR-00	Radio Siren
762REUR-00	Two-Channel Receiver
768REUR-50	Eight-Channel Receiver
7525REUR-00	Arming Station
770REUR-00	Wireless Accessory Module (WAM)
771REUR-00	INFO Module
08740EUR-00	ISDN Module
08841EUR-00	GSM Module
08844EUR-00	GPRS Module
08750EUR-00	Ethernet Module
02080EUR-00	Extension Speaker/Microphone

Installer Details :

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