



Thinking about performance : Quality products designed to perform

500r+ domestic radio security system : 433MHz

COOPER Safety



- > 500r+ radio kit with 8 programmable zones plus hidden zone for PA
- > Unique infra-red learning feature, 16 million system codes
- > Jamming detection, full tamper protection, part set option, 433MHz
- > Compatible with a choice of detectors (see table overleaf)
- > Kit includes 2 x 520reur-50, 1x 536reur-50, 1x 525reur-00, 1 battery, 1x hardwire siren plus 20m of 6 core cable and fixing screws
- > A speech communicator can be added to the system allowing alarm message to be automatically communicated to pre-determined numbers

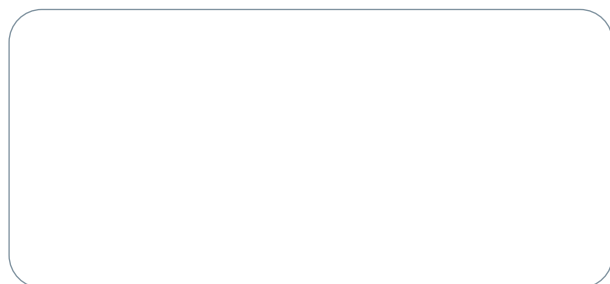
Technical Specifications

Zones	9 wirefree (zone 9 pre-programmed as PA and for Remote Set/Unset)
Zone Attributes	Normal alarm, omit, entry/exit, entry route, fire
Keypads	On-board tactile rubber. Accepts up to 6 x 525r remote setting devices or 524r remote keypads
Display	LED (Light Emitting Diode) indicators on control panel
Part Setting	Full and part set options via the onboard keypad, and via 6 x 525r remote setting devices or a 524r remote keypad
Event Log	16 events recorded
Compliance	BS 6799 "Class III" and BS 4737 (for Audible Systems). Radio approval DTI MPT 1340 and ETSI 300 220 (License exempt)
Radio Sections	Operating frequency 433Mhz at 200Khz band width. CE tested to ETS 300-683
Panel Siren	Yes (approx, 80db at 1 metre)
Internal Sounder	Accepts 1 x 9040 16 ohm loudspeaker (approx, 90db at 1 metre)
External Bell/Strobe	The panel can be connected to a self activated bell (SAB) using standard bell cable
Codes	1, 4 digit user access code. 1,4 digit installer code
Jamming Detection	Panel lights the jamming LED if it detects other radio signals on the same frequency. A full alarm is raised after 30 seconds
Low Battery Indication	Panel lights the Low Batt LED if it detects panel battery is low. If a detector reports a low battery the panel lights the Low Batt LED and appropriate zone LED
Outputs	OP1 and OP2 at 50mA maximum. OP1 signals burglar alarms, OP2 signals personal attack. These can be connected to a 660 Speech Communicator (Menvier SD1, SD2 and SD3 speech diallers)
Quick Set	Panel sets within 3 seconds, if the user presses Night on the 525r
Certification	The system can be certified by approved installers as a wirefree "Class III" installation by undertaking a radio site survey, using a 545r and 546r
Bell Duration	Programmable up to 20 minutes
Entry/Exit Times	Programmable between 0 to 99 seconds
Battery	2.1Ah lead acid gel type rechargeable 12V Power Quiescent = 55mA
Aux DC Power	500mA max at 12V
Dimensions (H x W x D)	Control panel = 163 x 257 x 74mm
Weight	Control panel = 1.2kg
Panel Temperature Range	-10°C to +55°C
Communications	Personal attack (PA) and intruder outputs

Product Compatibility

Model	Description
502rEUR-50	Single button wrist/broach/neck pendant PA. 433mhz
509rEUR-50	Radio optical smoke detector. 433Mhz
520rEUR-50	Radio passive infra-red, 433Mhz. 90 degrees, 15 metres
524rEUR-00	Radio remote keypad with set, part set, unset and PA function. 433MHz
525rEUR-00	Radio remote setting device for setting, part setting, unsetting and PA for 500reur panel. 433Mhz
534rEUR-00	Radio shock sensor for use with 500reur. 433Mhz
536rEUR-50	Universal radio transmitter or door contact. C/w reed switch or hard wire input. 433Mhz
545rEUR-00	Signal strength meter, 433Mhz - used to survey potential user sites
546rEUR-00	Used with 545reur-00 to survey potential user sites
660XX-00	4-channel combined speech and digital wire-in standalone communicator. Will run on shared equipment line with existing telecommunications equipment. NVM protected, up to 4 telephone numbers & master message with 4 sub messages can be programmed digitally. Facility can be accessed remotely. Fits most hardware and radio control panels. Available in country variants of B-CH-D-DK-E-F-I-N-NL-P-UK
TSD1-xx	8-character Starburst LCD display speech dialler, dials 4 different numbers 3 times. Up to 40 seconds recording time, sends 1 location message and 4 other messages. True NVM for all programmed information including speech. Call acknowledgment and call abort. Passcode protection, integral microphone and loudspeaker. BAPT approved. Event log. Built in speaker for instant play back. Available in country variants of EF-ENL-I-UK
TSD2-xx	Speech + (SIM card free) SMS text dialler. Standalone keypad with 32-character LCD English text display, can be used independently to monitor literally anything that offers a switched - or + trigger, or connected to any installer alarm panel. Requires 12 volt supply spur or local alarm panel, connects to existing customer telephone line and dials max 10 telephone (land line or mobile numbers), sending pre-recorded speech or text messages compatible with any mobile network. Internal temperature monitoring - monitors max 4 local devices, boilers, freezers, vending machines, air con units, fire alarms, even burglar alarm panels. Four trigger inputs and four trigger outputs offer remote notification of alarm event and notification if event has then cleared or reset. Integral speaker and microphone offers two-way speech from keypad, remote control of 2 x output relays (switching on or off internal devices, lights, heating, etc), real time clock display also allows timed use of 2 x relay outputs, memo button allows instant messages stored and displayed. Available in country variants of UK-CEN-SE
SD3-xx	Same as SD2 speech dialler. Includes full GSM dialler module and only requires active SIM cards (any network - please note the SIM card isn't included) to function. 8 inputs, 4 remotely-controllable outputs. The SD3 will dial upto 10 telephone numbers and send speech or SMS messages. Available in country variants of UK-CEN

Installer Details :



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