

## ENVIRONMENT CONTROL SYSTEM (ECS)



Environmental control allows a single transmitter to remotely control many features of the home. It can control doors, elevators, intercom, alarms, lights, TV, video and much more. That means you're able to communicate by phone, to get in and out of the apartment, to change TV programs or work on your computer. Environmental control and alarms are used in all types of accommodations, service apartments, independent housing and workplaces. You can be confident that others are alerted when you need assistance.

## TELEPHONE

## GEWATEL 200



### GEWATEL 200 SPEAKER PHONE |

ITEM NUMBER: 1600, 160007 (UK), 160006 (US)

IR-controlled loudspeaking telephone/dialler with built-in IR control (GewaLink channels) and display. Wireless control of line function, dialling and 50 abbreviated numbers. Possible to build up the telephone number in advance without hurrying. Easy to program for different needs. Superb sound quality with full duplex "Omnisound™", auto-matically adjusts to ambient acoustics. The sound is crystal clear and it sounds as if the person you are talking to is in the same room. Auto reply that makes it easier for persons that are not able to open the telephone line themselves. Power supply and cabling with jack plug are included.

## HALL TELEPHONE

## GEWA DUOCOM



### GEWA DUOCOM NO POWER SUPPLY |

ITEM NUMBER: 2180, 218008 (UK)

Hall telephone with automatic speech change-over (duplex). Recorded speech can be used. Can also be used as an intercom telephone. Wireless control by means of a GewaLink transmitter. Hall telephone consists of a central unit, room unit with speaker, door unit with speaker, power supply 8404 Tradania and one wall jack. Built-in IR receiver in room unit and door unit. Transmitter and striking plate are not included. 218008 Without Power supply.



### GEWA DUOCOM ROOM UNIT |

ITEM NUMBER: 218006

Contains speaker, microphone and IR receiver. Built-in push buttons for direct control without a transmitter. Device for wall mounting, wall jack and modular cable included.

## IR TRANSMITTERS

## CONTROL OMNI

*Control Omni is a remote control with added communication features that is easy to adapt to every user. Adapt it to the person's physical and cognitive needs. It suits people who have needs to be able to control their lives in full and who place high demands on function and reliability. Omni Control is easy to use, ready-made template pages are posted from the start, and then it's easy to add new pages and images. All images, pages and background colors can be adjusted as needed.*



### CONTROL OMNI | ITEM NUMBER: 429000

Control Omni uses both infrared and radio. Control Omni is controlled by pressing directly on the screen or by scanning. Control Omni also offers the possibility to make phone calls, add pictures on the phone contacts and send SMS using word prediction. With the push of a button it is possible to send a request in five different ways: activation of output, infrared, radio, SMS, or through automatic dial to a contact.



### CONTROL OMNI DOCKINGSTATION |

ITEM NUMBER: 429010

Docking station to the Control Omni

## IR TRANSMITTERS

## MAXI SIZE

*IR-transmitters in the Maxi Size family are programmable and can learn IR signals from e.g. TV, DVD, HiFi.*



### CONTROL PROG | ITEM NUMBER: 425700

Programmable IR transmitter with pushbutton function and also scanning with 1-5 function control switch(es). This transmitter can learn channels from other remote controls such as TV and video. Max 241 functions in 15 levels. Level 10 is pre-programmed to send commands to a PC. For this function, 6632 Access USB interface is needed. One or several buttons can be adapted to coding; choose between 4096 different codes, e.g. for door locking procedures. Macros can be programmed. "Slip-in" menus for identification of functions or levels, for example. For connection to computer use 425618 Data Cable for programming, control and back-up. Operated with four 1,5V Alkaline batteries LR03 (AAA). Batteries not included.



### CONTROL 18 | ITEM NUMBER: 425718

Programmable hand-held IR transmitter with 18 buttons. Max 81 functions in 5 levels. This transmitter can learn channels from other remote controls such as TV and video. One or several buttons can be adapted to coding; choose between 4096 different codes e.g. for door locking procedures. Macros can be programmed. With overlay and neck-strap. Operated with four 1,5V LR03 (AAA) Alkaline batteries. Batteries not included.

## IR TRANSMITTERS

## MAXI SIZE



### CONTROL 10 | ITEM NUMBER: 425710

Programmable hand-held IR transmitter with 10 buttons. Max 36 functions in 4 levels. This transmitter can learn channels from other remote controls such as TV and video. One or several buttons can be adapted to coding; choose between 4096 different codes e.g. for door locking procedures. Macros can be programmed. "Slip-in" menus for marking of functions or levels for instance. With overlay and neck-strap. Operated with four 1,5V LR03 (AAA) Alkaline batteries. Batteries not included.



### REMOTE CONTROL 5716 LARGE AND EASY BLACK | ITEM NUMBER: 538080

The oversized remote control makes it easier to operate TV and CD player. It can be used instead of the other remotes to simplify the use of IR-controlled equipment, such as CD player, TV or DVD. It works with most devices that are currently found in the market.

### UNIVERSAL REMOTE CONTROL 5117 | ITEM NUMBER: 530200

Universal Remote Control 5117 is an easy to use remote control. With the large buttons, which require only one slight pressure, it is easy to find the right channel. It works with most devices that are currently found in the market.



## IR TRANSMITTERS

## MEDI SIZE

*IR-transmitters in Medi Size family. One is programmable and can learn IR signals from e.g. TV, DVD, HiFi.*



### IR-5SP | ITEM NUMBER: 406900

Programmable hand-held IR transmitter with 6 buttons. Max 20 functions in 4 levels. This transmitter can learn channels from other remote controls such as TV and video. One button can be adapted to coding. Macros can be programmed. With overlay and neck-strap. 1-function switch can be connected to control one function. Operated with 9V Alkaline battery. Battery not included.



### IR-5SO | ITEM NUMBER: 4069

Hand-held IR transmitter Medi with 6 buttons. Max 64 GewaLink channels in 4 levels. One button can be adapted to coding. With overlay and neck strap. 9V Alkaline battery-operated. Battery not included.

## IR TRANSMITTERS

## MEDI SIZE



**IR-4SB | ITEM NUMBER: 4070**  
Hand-held IR transmitter Medi with 4 buttons. Inside selectable between 60 GewaLink-channels. 9V Alkaline battery-operated. Battery not included. With neck strap.



**IR-1S | ITEM NUMBER: 4010**  
Hand-held IR transmitter Medi with 1 button. Internally selectable to anyone out of 60 GewaLink channels. 9V Alkaline battery-operated. Battery not included. With neck strap.



**IR-1S CODE | ITEM NUMBER: 4280**  
Hand-held IR transmitter Medi with 1 button. Coded signal for trespass control etc. Code selector inside. 4096 different codes. 9V Alkaline battery-operated. Battery not included. With neck strap.

## IR TRANSMITTERS

## MICRO SIZE

*IR-transmitters in Micro Size family. Some are programmable and can learn IR signals from e.g. TV, DVD, HiFi.*



**IR-1SP MICRO | ITEM NUMBER: 401104**  
Programmable IR-transmitter with one button. Can be used to control TV-channels, a video player etc. Can learn signals from other remote controls. Battery Pack for Micro Transmitter (401930). The battery pack is not included. With neck strap.



**IR-1S MICRO | ITEM NUMBER: 4019**  
Hand-held IR transmitter with 1 button. Can be internally switched by soldering between channel 16-20, 35 and random code (4096). Battery pack for Micro transmitter (401930). Battery pack not included. With neck strap.



**IR-1S WRIST TRANSMITTER | ITEM NUMBER: 400500**  
Wrist transmitter with 1 button. Can be internally switched between 7 GewaLink channels. Battery pack for Micro and Wrist transmitters (401930). Battery pack not included. With neck strap and wrist strap.

## IR TRANSMITTERS

## IR-INDICATOR FOR IR-CHANNELS



**IR-INDICATOR BATTERY OPERATED | ITEM NUMBER: 4075**  
Receiver with display that shows the transmitted GewaLink channel. Battery operated. 2 Alkaline 6V, 4LR44 included. Power supply from mains: 8412 12V DC 1.2 Amp not included.

## IR TRANSMITTERS

## COMPUTER INTERFACE



**PROGRESS STAR USB | ITEM NUMBER: 425315**  
Programmable IR transmitter. USB interface for connecting to a computer for programming, control and back-up. This transmitter can learn channels from other remote controls such as TV and video. Max. 256 functions. Macros can be programmed. Two 1-function switches can be connected. The software 425328 Progress PC included.



**PROGRESS MICRO USB | ITEM NUMBER: 425346**  
Programmable IR transmitter. USB interface for connecting to a computer for programming, control and back-up. This transmitter can learn channels from other remote controls such as TV and video. Max. 256 functions. Macros can be programmed. The software 425328 Progress PC included.

## IR TRANSMITTERS

## FOR CONTROL SWITCHES



**BIG JACK IR-6SP | ITEM NUMBER: 402500**  
A programmable IR transmitter for controlling the environment via control switches. This transmitter can learn channels from other remote controls such as TV and video. Up to six control switches with 3.5 mm plugs can be connected for six different channels. Operated with 4 1.5V Alkaline batteries, LR6. Batteries and control switches not included.



**KARI CONTROL BOX 5700 | ITEM NUMBER: 538002**  
Plug in an optional control switch for activation of the connected equipment. Works great for people who find it difficult to understand for example a remote control, have an inability to remember, is jittery at hand, have reduced muscle power or are visually impaired. Kari control box has many configuration options.

## IR RECEIVERS

## RELAY UNIT



**GEWALINK RELAY UNIT | ITEM NUMBER: 433001, 433007 (UK)**  
Grounded relay unit with built-in IR receiver and circuit breaker. With a transmitter, power can be turned on / off to a light, radio, fan, etc. Two channels operate 2 + 2 outlets. Programmable with GewaLink channels. The outlets can be programmed with bistable or monostable operation. Comes with 2 m grounded cable. Gray plastic. Max load 8A/230V AC.

Programmable IR receiver with 1-4 relay functions



**GL-1M | ITEM NUMBER: 4194**  
 Programmable IR receiver with 1 relay output. Programmable with GewaLink channels and coded channels (4096 code). 1 built-in detector and 1 external detector may be used. Programmable with monostable or bistable function. Alternating relay switches. Max load 3A resistive 24V AC/DC. Supply voltage 12-24V AC/DC, 50-60 Hz. Polar white plastic cover for indoor mounting.



**GL-1MU | ITEM NUMBER: 419402**  
 Same as 4194 GL-1M but with plastic cover for outdoor mounting IP-55.



**GL-1M OEM | ITEM NUMBER: 419404**  
 Same as 4194 GL-1M but only a circuit board. With lid but without cover. For recessed 60 mm c/c wall mount.



**IR-2ML | ITEM NUMBER: 4215**  
 Programmable IR receiver with 2 relay outputs. Programmable with GewaLink channels and coded channels (4096 code). 1 built-in detector and 1 external detector may be used. Switch for public function (the relay is activated irrespective of which channel is transmitted). Switch for monostable or bistable GewaLink function. Alternating relay switches. Max load 8A resistive 24V AC/DC. Supply voltage 12-24V DC or 24V AC, 50-60 Hz. Polar white plastic cover for indoor mounting.



**GL-4M | ITEM NUMBER: 4197**  
 Programmable IR receiver with 4 relay outputs. Programmable with GewaLink channels and coded channels (4096 code). 1 built-in detector and 2 external detectors may be used. Programmable with monostable or bistable function. Alternating relay switches. Max load 3A resistive 24V AC/DC. Supply voltage 12-24V AC/DC, 50-60 Hz. Polar white plastic cover for indoor mounting.



**GL-4MU | ITEM NUMBER: 419702**  
 Same as 4197 GL-4M but with plastic cover for outdoor mounting IP-55.



**GL-4M OEM | ITEM NUMBER: 419704**  
 Same as 4197 GL-4M but only a circuit board. With lid but without cover.

## IR RECEIVERS

## CONTROLLING AN ELEVATOR

For controlling elevators where many functions are required.



### IR-8M 230V | ITEM NUMBER: 4136

Programmable IR receiver with 8 (16) relay outputs. Programmable with GewaLink channels and a coded channel (4096 code). 2 detectors may be used. Detector not included. Switch for monostable or bistable function. Alternating relay switches. Max load 7A (2A) 250V AC. Supply voltage 230V AC, 50-60 Hz. Polar white light metal case IP-55. Power supply with 24V AC/DC use: 4112 IR-8M 24V, 4113 IR-16M 24V.

### IR-16M 230V | ITEM NUMBER: 4138

Same as 4136 but with 16 relay outputs.

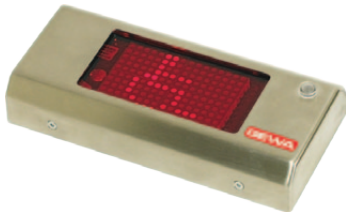


### IR-8M 24V | ITEM NUMBER: 4112

Programmable IR receiver with 8 (16) relay outputs. Programmable with GewaLink channels and a coded channel (4096 code). 2 detectors may be used. Detector not included. Switch for monostable or bistable function. Alternating relay switches. Max load 7A (2A) 250V AC. Supply voltage 24V DC. Polar white light metal case IP-55.

### IR-16M 24V | ITEM NUMBER: 4113

Same as 4112 but with 16 relay outputs.



### IR-LIFT MAXI | ITEM NUMBER: 4283

Detector with automatic scanning. Display with floor indicator. Shows up to 99 different floors. The desired floor is selected with any transmitter and GewaLink channel. Connected to one or several IR-receivers (IR-8M 24V or IR-16M 24V). To be mounted in a lift. Voltage 24V DC.

## IR RECEIVERS

## CONTROLLING A BED



### IR-9MP LINAK | ITEM NUMBER: 443010

Programmable IR-receiver, for adjusting an Invacare bed, with 8 functions. Fits Linak control unit CB 09, CB 10 and CB-12. Is mounted under the bed. Cables, power cable and power supply included. Transmitters are selected separately.



### IR-9MP COMFORT | ITEM NUMBER: 443015

Programmable IR-receiver, for adjusting the Comfort Bed, with 6 functions. Suitable for model Quintet. Is mounted under the bed. Connects to control unit for Power. Transmitters are selected separately.

## IR RECEIVERS

## DETECTORS

A separate detector is used to increase the receiving area for IR receivers. For instance to open a covered door from both inside and outside.



**GL-DP6 | ITEM NUMBER: 4884**  
 For separate mounting and connection to an IR receiver. Surface mounting. Encapsulated with 6 m shielded cable. Can be used indoors and outdoors (IP65). Polar white.

**GL-DP15 | ITEM NUMBER: 488402**  
 Same as 4884 GL-DP6 but with 15 m cable.

**GL-DP40 | ITEM NUMBER: 488404**  
 Same as 4884 GL-DP6 but with 40 m cable.



**GL-DAP | ITEM NUMBER: 488406**  
 IR detector. Cover only. For mounting inside an equipment box. Connecting block for connection of cables. Polar white. Encapsulated for indoor use.



**IR-DIGP DETECTOR | ITEM NUMBER: 489402**  
 For separate mounting and connection to an IR receiver. Connection block for connection of cables. Polar white plastic cover for indoor mounting.



**IR-DP OEM | ITEM NUMBER: 490502**  
 Detector separate. No cover, to be built-in. With 200 mm cord. Sideway light inlet at end.



**IR-DUY | ITEM NUMBER: 4478**  
 IR detector with all-round vision. For separate mounting and connection to an IR receiver. Surface mounting. Plastic-encapsulated with 3 m screened cable. Can be used outdoors (IP65). Black.

## IR-KIT

## WINDOW



**GEWA WINDOW OPENER KIT WMU OUTGOING | ITEM NUMBER: 4452**  
 Complete kit. Window opener Window Master WMU for mounting on outgoing windows. Operating length 15 cm. Power supply 24V DC included. Programmable receiver 419709 GL-4M WM included. Polar white cases.



**GEWA WINDOW OPENER KIT WMI INGOING | ITEM NUMBER: 4454**  
 Complete kit. Window opener Window Master WMI for mounting on ingoing windows. Operating length 15 cm. Power supply 24V DC included. Programmable receiver 419709 GL-4M WM included. Polar white cases.

## RADIO CONTROLLED UNITS

## RADIO RELAY UNIT

Radio-relay unit that can easily be moved to different sockets. Operated by Control Omni and Radio transmitters



RF 1 FUNC REC PLUG DIM |  
ITEM NUMBER: 400185

Relay unit with built-in radio receiver. Dimmer function.  
Load: 40VA-350VA, 230V, such as table lamps and floor lamps. Polar white.



RF 1 FUNC REC PLUG ON/OFF |  
ITEM NUMBER: 400180

Relay unit with built-in radio receiver. On / Off function.  
Load: Max 2000W 230V, for example, incandescent and halogen lamps. Polar white

## RADIO CONTROLLED UNITS

## TRANSMITTERS

Radio transmitters, switching on/off the light. Can be combined with other switches, radio receivers or a relay box.



RF 1 FUNC TRANSM MOVE |  
ITEM NUMBER: 400160

Portable Radio puck with one function.  
On / Off and Dimmer. Polar white.



RF 1 FUNC TRANSM |  
ITEM NUMBER: 400110

Radio transmitter with On/Off function.  
Extremely flat design, can be attached directly to the wall. Polar white.



RF 2 FUNC TRANSM |  
ITEM NUMBER: 400120

Radio transmitter with two On/Off functions. Extremely flat design, can be attached directly to the wall. Polar white.

## RADIO CONTROLLED UNITS

## SWITCHES

Switches with an integrated radio receiver. Can be controlled with a Control Omni and radio transmitters.



RF 1 FUNC REC RELAY |  
ITEM NUMBER: 400130

Switches with integrated radio receiver and one relay output. Load: 230V, resistive load, for such as incandescent and halogen lamps. Polar white.



RF 1 FUNC REC RELAY IND |  
ITEM NUMBER: 400140

Switches with integrated radio receiver and one relay output. Load: 230V, resistive, Inductive, capacitive load for example Incandescent lamps, fluorescent lamps, energy lamps and 230V halogen lamps. Polar White.

## RADIO CONTROLLED UNITS

## SWITCHES

Switches with an integrated radio receiver. Can be controlled with a Control Omni and radio transmitters.



RF 1 FUNC REC DIM |  
ITEM NUMBER: 400150

Switches with integrated radio receiver and a dimmer function. Load: 230V, resistive, inductive, capacitive load for example incandescent lamps, halogen lamps, electronic transformers. Polar white.



RF 2 FUNC REC JALOS |  
ITEM NUMBER: 400155

Radio receiver for controlling a roller shutter drive. For installation in mounting boxes. For motor load. Load: 500VA, 230V.

## RADIO CONTROLLED UNITS

## RECEIVERS

Radio receiver that can be built into the mounting boxes. Operated by Control Omni and transmitters.



RF 1 FUNC REC DIM |  
ITEM NUMBER: 400195

Radio receiver with dimmer function (universal). For installation in mounting boxes. Load: 25-250VA, 230. For resistive, inductive and capacitive load.



RF 1 FUNC REC RELAY |  
ITEM NUMBER: 400190

Radio receiver with a relay output. For installation in mounting boxes. Load: 2000W Incandescent, Halogen and Fluorescent 1200W, 230V.

## SERVICES

### PRODUCT DEVELOPMENT

Abilia has its own development department and works in close cooperation with various specialist environments in Scandinavia on the development of new products and further development of our existing products. Products are developed according to the needs and wishes of our users. When at school, at work or enjoying leisure activities, our users need to be able to operate on the same level as able-bodied people, and we know our products are important to help them achieve this goal.

### QUALITY

Our goal is to develop, produce and supply assistive technologies that ensure greater independence and security for users and their relatives. And to achieve this goal, we have undertaken to maintain a quality system based on ISO 13485. Our intention is to control all activities which affect the quality of our products and services.

We have a quality manager who uses regular audits to ensure that everyone in our organisation understands our goal and works to help achieve it. All our assistive technologies are tested and CE-labelled in accordance with applicable requirements. Our epilepsy alarms are approved to risk class 2A of the Medical Devices Directive.

### ENVIRONMENT

Abilia's goal is to ensure that what we do does not cause accidents, damage or loss of:

- Human life or health
- The outdoor environment
- Plants and production

Abilia AS is a member of the WEEE recycling initiative administered through Elretur AS. We are compliant with the ISO 14001 environmental control standard.