

Accessible Elevator Control

by Abilia (GEWA) AB and ZYGO-USA



Imagine an accessible integrated residence, a public library, and a hospice for children.



Accessible Integrated Residence



Public Library



Hospice for Children

All three of these buildings were given the chance to provide independent access to those who use them.

A way to make buildings completely accessible is with the installation of **GEWA Infra-Link** infrared remote control of elevator and door access systems by Abilia AB. The remote control system offers complete independence and total floor access to those with severe physical disabilities.

Buildings can be made completely accessible by the installation of **GEWA Infra-Link** infrared remote control of the elevator access systems. With a one-button remote control unit, the elevator can be summoned on each floor and the destination floor called once inside the car. Optional remote control units are available with more buttons for those who have the capability to use them. And there are transmitters available for computers and AAC devices.



"No one ever seems to be around when you need to call the elevator." Even in busy facilities like the medical complex in this photo, there is the need for independent access to the elevator.

The remote control system offers complete independence and total floor access to those with severe physical disabilities. Often, the car is too small to turn to face the control panel. One drives in and backs out—which means that the controls are inaccessible. That's no problem when **Infra-Link** controls are installed — just drive into the

car and make the required selection—even if the receiver is behind you. They are that powerful, and do not need to be aimed directly at the receiver.

From the outside, there isn't much to show about the remote control system. At most there is a small receiver that is mounted on the wall. Some installations have the receiver hidden behind panels and all that shows is the unobtrusive infrared window.



These systems are typically installed by Building Engineers or the technicians normally responsible for the elevator system within the buildings. We can provide details to those professionals considering installations for you so they can feel comfortable with how these items will fit in with their existing systems.



It is the Elevator Contractor who will install and maintain the accessible elevator system. In describing the system to technical people (elevator contractors, etc.), it's important to note that the system consists of "dry-contact relays" that are wired in parallel to the existing buttons of the car-calls on each floor and the floor-call buttons in the car. The relays are operated by infrared receivers that are commanded by infrared transmitters. The system can be set to operate with as few as two transmitter signals to direct selection of all the buttons independently. One look at the hardware is all that's needed for you to determine the high quality industrial grade of these products.

The accessible elevator system will need to allow a minimum of calling the elevator from two floors from outside the elevator car, and at least up and down from inside the car. It is possible to provide access to all floors, and all elevator functions that are also button accessible.

Remember that we can provide the same kinds of access to the front doors, office doors, apartment doors, and any other place where automatic door opening systems are in place.

For approximate pricing, we suggest these typical rates. Please ask for help defining what you may actually need to automate the elevators and doors you need access to.

Number of Floors	Part Number	Typical Prices (USD)
2-Landings, 1 car	039-3610-02	\$2,820
3-Landings, 1 car	039-3610-03	3,370
4-Landings, 1 car	039-3610-04	3,920
5-Landings, 1 car	039-3610-05	4,470
6-Landings, 1 car	039-3610-06	5,020

For each additional car add: \$1,375

For 9 to 14 Landings,
 add per car: \$1,100
 add per landing: 660

Just ask us for a quote — we are happy to help. Tell us what you have and what you need, and we can advise you about the items you will need to install your accessible elevator system.

SKU	Product	Price (USD)
4112	IR-8M programmable 8-Relay receiver (24 VDC)	1,100.00
4113	IR-16M programmable 16-Relay receiver (24 VDC)	1,900.00
419865	IR-DET-15 detector with 15m shielded cable	275.00
4283	IR Lift Maxi scanning floor selector	2,250.00
419800	IR-REC-1 programmable 1-Relay receiver	475.00
419830	IR-REC-4 programmable 4-Relay receiver	550.00
039-1421-00	Servus tablet PC ECU controller	\$2,995.00
425700	Control Prog IR transmitter	1,095.00
425718	Control 18 transmitter	495.00
425315	Progress Star USB IR transmitter	825.00