

# IR Remote Controller Type G 4085 5562

**Dupline®**  
Fieldbus Installationbus



- Handheld infrared remote controller
- 8 channel transmitter (possible to increase the number of channels to 64)
- Designed and coded for G4185 5531 IR receiver
- Operating distance: 12 m
- Supplied via 2 x 1.5 V micro batteries (AA)

## Product Description

The Dupline® IR Remote Controller is designed and coded for Dupline® IR receiver G 4185 5531. The controller has as standard 8 channels, but can via more Dupline® IR receivers control up to 64

Dupline® channels through the keyboard on top of the remote control. Select by push-button A-H which group should be used. Then select by push-button 1-8 which digit should be activ/deactive.

## Ordering Key

**G 4085 5562**

Type: Dupline®  
Remote IR Transmitter Housing  
IR Accessories  
8 Channels  
8 output  
Handheld IR Transmitter

## Type Selection

Supply	Ordering no.
Batteries	G 4085 5562

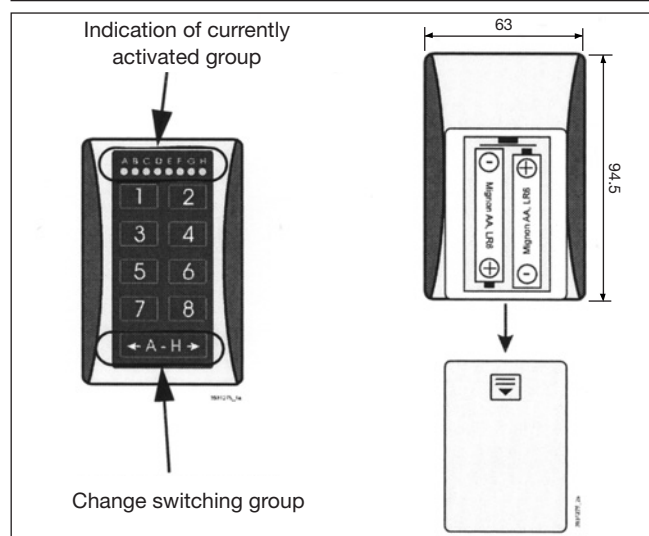
## Supply Specifications

Batteries	2 x 1.5 V (LR06) size AA
-----------	--------------------------

## General Specifications

<b>Principle of transition</b>	Infrared light 950 nm
Wave frequency	38 kHz
Coding	PPM-kode (Pulse Position Modulation)
Length of telegram	12 bit
No. of channels	8 (64 via more IR-receivers G4185 5531)
Operating distance	15 m

## Dimensions



## Mode of Operation

The IR remote control system is a system component for the Dupline® installation bus. It consists of two modules: an 8-channel IR-receiver (Dupline® transmitter) and an 8-channel handheld IR transmitter.

The IR-receiver is supplied by Dupline®, which eliminates the need for further connections, and is intended for building into flush-type switch boxes. The IR-receiver can transmit on eight Dupline® channels, and the address coding is performed by

means of the programming unit GAP 1605 through the rear-mounted modular plug connection. The handheld IR-transmitter has eight keys for activation of the eight channels. By means of push-button A-H, it is possible to preset channel groups A to H of the corresponding receiver, which means that a handheld transmitter can activate up to 64 channels. The handheld transmitter features a text writing facility at the back.

### Start-up

Address coding of the IR-receiver (Dupline® transmitter) can take place before or after start-up. In either case, the bus cable must be connected at the screw terminal on the back of the receiver (1=Signal, 2=Ground). The IR-receiver should be mounted in the specified direction in the switch box, in order to achieve optimum receiving characteristics. The handheld IR-transmitter must be equipped with two batteries type LR06 size AA. The

transmission with IR systems only works when quasi-visual contact exists between transmitter and receiver within the transmission range. Often reflection reception is also possible. Transmission cannot take place through walls or windows. Therefore a suitable place for mounting must be selected.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Carlo Gavazzi:](#)

[G40855562](#)