



**Automations- und
Steuerungstechnik GmbH**

EIB IR Artcase



**controlling TV, Video, Sat
and the complete EIB
with only one telepilot**

Order number EIB-IR-Artcase: E001-H022000



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This handbook describes also functions, which are options.
Only qualified persons are allowed to install our units.

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Highlights EIB-IR-Artcase

- handles TV, Video, Sat and the complete EIB with one infra red remote control
- supports all EIB-telegrams up to 2 bytes (even non-EIS)
- supports switching, dimming, temperature adjust, shutters, central functions...
- graphic touch screen
- display of rooms, floors, buildings close to reality
- easy integration into existing EIB systems
- contains 1 IR-receiver with integrated EIB-bus-coupler
- no ETS required to parametrize the tele pilot

Fields of application

- Replacement of most of all tele pilots for consumer electronics and controlling the complete EIB
- Discrete controlling of light and more in conference rooms direct by the speaker
- Controlling EIB independent of fix mounted pushbuttons
- Replacement of control panels
- Replacement of arrays of pushbuttons
- Individual controlling of rooms with removeable walls

Contents of delivery

- 1 EIB IR sensor with integrated EIB-Buscoupler
- software
- 1 software for parametrization of EIB into Philips Pronto
- Documentation



Introduction

IR-EIB-Artcase requires a Philips Pronto tele pilot. This is a self-learning and programmable remote control with a touch-screen. It replaces nearly all tele pilots for consumer electronics like TV, SAT, Video with only one unit. One telepilot is usable to control all EIB actors. Switching, dimming, temperature adjustment and shutters. One IR-controller supports up to 8 IR-sensors.

In teach in mode, you can copy the complete functions of consumer telepilots used for TV-, Video- und SAT. Functions of most of all manufacturers are already integrated. So you can omit tech in. Just click to a device and import all functions.

Programming of EIB-functions is easily done by typing in the group address, EIS-Type and function.

See also: CCEIBSPS, EIB-Control-Platform, ActiveX, DLLs, OPC offer texts.

Technical datas EIB-IR-Artcase

Main voltage:	no external energy required
Fitting:	round, 110mm
Supported group addresses:	32767
Supported EIS-types:	all up to 2 bytes
Supported telepilots / IR-controller	unlimited



EIB-IR-Artcase view



EIB-IR-Artcase connectors

E1	EIB-programming LED
K1	EIB-program key for physical address
X1	EIB-connector
E2	EIB telegram LED
E3	IR receive LED (Infrared receiver)
E4	Supply LED (power supply)

Technical datas EIB-IR-telepilot (not part of delivery)

Operating interface:	Touchscreen
Display:	LCD, graphic, monochrome, backlite
Grayscale:	4
Power supply:	4 batteries LR6 AA 1,5V



Supported group addresses:	32767
Supported EIS-types:	all up to 2 bytes
Programing:	Teach in or by PC
PC connection:	serial, V24
IR distance:	up to 15m
Dimensions: (W*H*D)	92*35*140mm
Display dimensions:	79*60mm
Supported versions:	RU890, RU940 and RU970 (colour)



ETS Parametrization

The EIB-IR-controller needs only a physical address.

To select a physical address, just select a BCU1-bus coupler in the ETS (for example serial bus coupler or universal bus coupler for timers).



Parametrization software for telepilot

Part of delivery of the telepilot is the original parametrization software of the manufacturer. In addition, part of delivery is the software „IRGEN“ to parametrize the group addresses, EIS-types and values.

Installation of IRGen

1. Start the program prontoedit2_0.exe in the directory d:\eib ir fb\prontoedit\ (if „d“ is your CD-rom drive). Take attention to the instructions of the manufacturers installation program.
2. Copy prontoini.exe into the same directory as the ProntoEdit.
3. Start Prontoini.exe and set „developer mode“.
4. Copy the files "IRGEN.EXE", "IRGENKEY.DLL" and "IRGEN.INI" from d:\eib ir fb\irgen\ into the directory of ProntoEdit.

Options

If you want to use 2-step group addresses, set "GADual" in "IRGEN.INI" to "1". Use a standard text editor.

[SETTINGS]

GADual=1

Using IRGen

You have to enter the group address in the upper part of the window. In the next field you have to select the EIS type of the address. In the last input field you have to enter the value you want to write to the address. If you want the value to be written repeatedly until the user is releasing the button on the IR control, you have to enable the "telegram repetition" option.



For example:

If you want to write the value "1" to the binary address "0/0/1", you have to enter the following values:

Groupaddress:	"0/0/1"
EIS type:	"0010: Switch"
Value:	"1"
Telegram rep.:	"No"

After you have defined the desired telegram, simply press the "Create IR code" button. Now the ProntoEdit code will be displayed and automatically send to the clipboard as well.

Now you can use the ProntoEdit application to set the new code to a control button (double-clicking the button, etc.), if you are using the V2 version of the ProntoEdit software you can also try the automatic <F5> mode: move you mouse cursor over the ProntoEdit button, and hit the <F5> key. Now the IRTGen software will try to do all necessary steps to enter the displayed IR code into the button properties.

After you have parametrized all the ProntoEdit buttons/controls you want to use, you can download your project to the remote control.