BEIER-Electronic
Electronics for RC Models

More information in our online shop and on

Switching Modules for Lighting Control

Switching Module RC-SM-4: 26,95 EUR



› 4 outputs for lights and other loads, each rated up to 4 A
› Direct receiver connection
› 15 selectable switching modes for controlling the lighting outputs
› Automatic lighting control via throttle and steering signals

Switching Module RC-SM-16: 89,95 EUR

Neu!



with App Control

› 16 outputs for connecting LEDs, lamps and relays
› 4 outputs for controlling servos and speed controllers
› Control via 5 proportional channels, Multiswitch or control pad modules
› Throttle and steering signal evaluation for model-specific lighting control
› Interface for infrared and Bluetooth lighting modules
› Individual configuration with the “RC-SM-16-Teacher” software

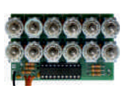
Optocoupler Adapter OKA-4: 9,95 EUR



› For additional control of sounds and functions via the USM-RC-3 switch inputs
› 4 inputs and outputs (potential-free)

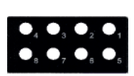
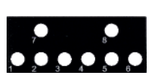
EMS Multiswitch Modules for Transmitters

EMS-Multiswitch



› Channel expansion module for RC transmitters with 8 or 12 switches
› Connects to a free proportional channel on the transmitter
› Available in three versions:
- EMS-16-R for Robbe/Futaba transmitters (16 functions) 85,95 EUR
- EMS-16-G for Graupner and other transmitters (16 functions) 85,95 EUR
- EMS-24-G for Graupner and other transmitters (24 functions) 99,95 EUR

Matching switch panels and enclosures are available:



4,95 EUR
14,95 EUR

Multiswitch Converter MSC – for CARSON Reflex Stick MULTI PRO



› Transmits switch signals from the CARSON Reflex Stick MULTI PRO 14-channel (LCD) transmitter to USM, SFR and UFR series modules via a single proportional channel
› Plugs directly into the receiver
› Available in three versions:
- MSC-8-C – supports 8 switches for transmitters without LCD 44,95 EUR
- MSC-10-C – supports 10 switches for transmitters without LCD 46,95 EUR
- MSC-8-C-LCD – supports 8 switches for transmitters with LCD 44,95 EUR

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Speakers & Enclosures

Mini-Speaker LS-8R-8W-37: 15,95 EUR



› Visaton BF 37, 8 Ω, 8 W
› Dimensions: 37 × 37 mm, depth 22 mm
› Moisture-impregnated diaphragm
› Matching enclosure available

Speaker Box LS-8R-8W-37: 10,95 EUR



› Material: PLA (3D printed)
› Cutouts and mounting screws for the speaker
› Dimensions: 37 × 37 × 24 mm
› Height including speaker: 26 mm

Speaker LS-4R-10W-50: 15,95 EUR



› Visaton FRWS 5, 4 Ω, 10 W
› Ideal for trucks
› Compact design: 50 × 50 × 22 mm
› Powerful sound despite its compact size

Speaker Box LS-4R-10W-50: 10,95 EUR



› Material: PLA (3D printed)
› Cutouts and mounting screws for the speaker
› Dimensions: 50 × 50 × 25 mm
› Height including speaker: 29 mm

Speaker LS-8R-15W-67: 16,95 EUR



› Visaton FRS 7 S, 8 Ω, 15 W
› Good bass response
› Compact 67 mm speaker
› Dimensions: 67 × 67 × 31 mm

Speaker Box LS-8R-15W-67: 12,95 EUR



› Material: PLA (3D printed)
› Integrated cutouts and mounting screws for secure speaker installation
› Dimensions: 70 × 70 × 35 mm
› Height including speaker: 40 mm

Speaker LS-4R-25W-90: 26,95 EUR



› Visaton FR 8 WP, 4 Ω, 25 W
› Dimensions: Ø 90 × 37 mm
› Saltwater-resistant plastic diaphragm

Speaker Box LS-4R-25W-90: 14,95 EUR



› Material: ABS
› Cutouts and mounting screws for speaker installation
› Dimensions: 120 × 120 × 60 mm
› Height including speaker: 71 mm

Speaker LS-4R-30W-102: 22,95 EUR



› Visaton R 10 S TE, 4 Ω, 30 W
› Powerful sound with a lightweight design (160 g)
› Ideal for aircraft models where weight and sound performance matter
› Dimensions: 102 × 102 × 36 mm

Speaker Box LS-4R-30W-102: 14,95 EUR



› Material: ABS
› Cutouts and mounting screws for speaker installation
› Dimensions: 120 × 120 × 60 mm
› Height including speaker: 63 mm

For a more powerful sound

Audio Amplifier PV-100W: 67,95 EUR



› Suitable for SFR, USM and MSM series modules, as well as sound modules from other manufacturers
› Maximum output power: 2 × 50 W
› Recommended supply voltage: 12–30 V
› For 1 or 2 speakers, each with an impedance of 4 Ω

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Electronics for RC Models

More information in our online shop and on:

Sound Speed Controllers for Sound + Drive + Lighting + Servos

SFR-1:



with App Control

› Sound module, speed controller, lighting and servo control in one module
› Easy connection and reduced space requirements thanks to the integrated design
› Suitable for battery voltages between 6 and 18 V
› For one motor with a motor current of up to 30 A
› 6 proportional channels for controlling functions via the transmitter
› 16 outputs for connecting LEDs, lamps, relays, pumps, etc.
› 3 servo outputs for additional movements
› Expandable with BT and IR lighting modules for semi-trailers and trailers

with Sound-Teacher 264,95 EUR
without 254,95 EUR

SFR-1-D:



with App Control

› Double speed controller, sound module, lighting and servo control in one unit
› For tanks, ships, construction vehicles and all model types with two drive motors, each rated up to 30 A
› 8 proportional channels for controlling all functions
› 16 outputs for connecting LEDs and other devices
› 2 additional motor outputs for auxiliary drives, each up to 2 A
› 4 servo outputs for controlling additional movements
› High-power connections for smoke generators, BB guns and IR battle units

with Sound-Teacher 309,95 EUR
without 299,95 EUR

Sound Modules for Sound + Lighting

USM-RC-3:



with App Control

› Multifunctional sound module with more than 150 engine and driving sounds, including additional and ambient sounds
› Suitable for battery voltages between 5 and 15 V
› 16 outputs for connecting LEDs, lamps, relays, etc.
› 1 high-current output for high-power devices such as smoke generators
› Freely configurable sound, lighting and function sequences
› 4 individually configurable servo outputs
› Excellent sound quality thanks to the powerful amplifier
› Sounds and settings stored on a Micro SD card

with Sound-Teacher 189,95 EUR
without 179,95 EUR

Mini-Module MSM-1:



› Fully pre-configured mini module
› Very compact design: 51 × 33 × 17 mm
› Plug & Play – ideal for beginners
› 14 different driving sounds, including additional and ambient sounds, for trucks, cars, construction and emergency vehicles, tractors, tanks and ships
› 6 proportional channels for controlling functions via the transmitter
› 8 outputs for connecting LEDs and other devices
› Model-specific lighting settings, such as turn signals, brake lights and warning lights
› Interface for IR lighting modules for semi-trailers and trailers

119,95 EUR

Google Play

SFR and USM series modules, as well as the RC-SM-16 switching module, can be controlled via smartphone using the **„SFR-1 Controller“ Android app** and **BTC-1 Bluetooth module!**

App Controll

21,95 EUR

SFR and USM modules can be individually configured using the Windows-based software Sound-Teacher. Each module has its own version of the software. The Sound-Teacher provides access to a sound database with more than 150 ready-made projects and 700 individual sounds. The software is available on a USB stick and as a download.

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Electronics for RC Models

MFR and UFR Series Speed Controllers

MFR-1210:



› Mini speed controller designed for small models and auxiliary drives
› Supports battery voltages from 6–16 V and motor currents of up to 10 A
› Quiet motor operation with a 20 kHz PWM frequency
› 5.0 V / 1 A BEC

32,95 EUR

UFR-1230:



› Speed controller designed for trucks and other single-motor vehicles
› Supports battery voltages from 6–18 V and motor currents of up to 30 A
› Powerful 5.6 V / 3 A BEC
› Extensive configuration options with Drive-Teacher software
› Optional load control, cruise control and braking functions
› Additional outputs for connecting sound and IR lighting modules

139,95 EUR

UFR-1230-D:



› Double speed controller designed for tracked vehicles and ships with two drive motors
› Supports battery voltages from 6–18 V and motor currents of up to 2 × 30 A
› Powerful 5.6 V / 3 A BEC
› Optional load control, cruise control and braking functions
› Additional outputs for connecting a sound module
› Extensive configuration options with Drive-Teacher software

169,95 EUR

Lighting Modules for Trailers and Semi-Trailers

Mini LM-IR-8-1:

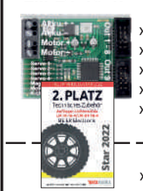


› Mini lighting module for SFR-1, USM-RC-3, MSM-1 and UFR-1230 modules for controlling lights and a servo on trailers and semi-trailers
› Infrared signal transmission
› Compact dimensions: 39 × 28 × 17 mm
› 8 outputs for connecting lights
› 1 servo output for additional functions

Neu!

69,95 EUR

LM-BT-16-4:



› Bluetooth lighting module for SFR-1 and USM-RC-3 modules for controlling lights, motors and servos on trailers and semi-trailers
› Bluetooth signal transmission
› 16 outputs for connecting lights
› 4 servo outputs for additional functions
› 1 motor output rated at 2 A
› Additional configuration options with LM-Teacher software

109,95 EUR

LM-IR-16-4:

› IR lighting module for SFR-1, USM-RC-3, MSM-1 and UFR-1230 modules, designed to control lights, motors and servos on trailers and semi-trailers
› Infrared signal transmission
› Same features as the LM-BT-16-4

89,95 EUR

ROAD-TRAIN



For road trains, multiple LM-IR-16-4 or LM-BT-16-4 lighting modules can be connected in series. The light signals are passed on 1:1 from the main module to the additional lighting modules. IR and Bluetooth lighting modules cannot be combined within the same road train.

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More information in our online shop and on YouTube

Accessories for Lighting Modules

LM-MS:



› Magnetic sensor with magnet
› Bluetooth connection activates only when the magnet is nearby

5,25 EUR

KB-BT-T:



› Kingpin for Tamiya trucks with integrated mounting block for the magnetic sensor
› Specially designed material for reliable magnetic field transmission

9,95 EUR

LM-MS:



› Switch for manual motor control
› Individually adjustable motor speed
› Ideal for operating trailer landing legs

5,95 EUR

LM-BT-S:



› Bluetooth transmitter module
› Ideal for equipping additional trucks so the same trailer can be used with different tractor units

21,95 EUR

KB-IR-T:



› Kingpin for Tamiya trucks with mounting clip for the IR receiver
› Through-hole for reliable infrared signal transmission

9,95 EUR

IR Transmitter LED:
IR Receiver:

› For transmitting and receiving infrared signals

3,55 EUR
4,59 EUR

Practical Accessories

Data Cable K-USB-2:



› Transfer project data using the Sound-, Drive- and LM-Teacher
› Ideal for live diagnostics and troubleshooting

23,95 EUR

Terminal Clamp AKL-8:



› For easy connection of LEDs and other loads to SFR and UFR series modules, the USM-RC-3, and IR and Bluetooth lighting modules

13,95 EUR

Terminal Clamp AKL-8-W:



› Connection terminal with plug-in resistors for SFR, UFR and LM series modules and the USM-RC-3
› Includes 8 each of 0 Ω, 150 Ω, 330 Ω and 680 Ω resistors

18,95 EUR

Terminal Clamp AKL-8-K:



› Connection terminal with current-limited outputs of approx. 20 mA for all BEIER modules
› LEDs can be connected in series

18,95 EUR

Universal Output Driver UAT-1:



› For controlling high-current loads such as motors, smoke generators and lamps with current consumption of up to 4 A

19,95 EUR

Bluetooth Module BTC-1:



› For SFR and USM series modules and the switching module RC-SM-16
› Control your modules using the "SFR-1 Controller" smartphone app
› Compatible with Android devices only

21,95 EUR

Standby Switch:



› For the SFR-1 and SFR-1-D
› Switches the module to standby mode instead of disconnecting or switching off the battery during longer breaks
› Cable length: 25 cm

5,25 EUR

Output Test Board LED-8:



› Easy testing of switching outputs on all BEIER modules

9,95 EUR

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Electronics for RC Models

TFT Displays



TFT-099: 24 x 6 mm
59,95 EUR



TFT-225: 55 x 15 mm
69,95 EUR

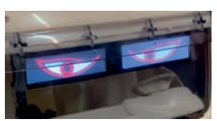


TFT-240: 49 x 37 mm
76,95 EUR

› Full-color displays in multiple sizes
› Store up to 4 GIFs, including animated graphics
› 3 MB of internal memory
› Free online generators make it easy to create graphics, logos and scrolling text
› Numerous ready-to-use templates and images available for download
› Use your own GIFs to create unique, realistic display effects

Application examples:
› Club logos, company or personalized name signs
› Animated graphics, such as Devil Eyes
› Advertising, warning and information signs















BEIER-Electronic: OUR EXPERTISE – YOUR ADVANTAGE

WIDE COMPATIBILITY

› Suitable for all types of RC models
› Compatible with standard RC transmitters
› Supports digital receiver protocols such as S-Bus, SUMD3 and i-BUS

MAXIMUM FLEXIBILITY

› Easy setup and configuration with Sound-Teacher software
› Customize almost every setting to suit your model
› Easily create your own sequences and functions

DEVELOPED & MADE IN GERMANY

› Over 20 years of quality and experience
› Continuous product development and regular module updates
› Careful manufacturing in Germany
› Strict quality control at every stage

EXPERT ADVICE & SUPPORT

› Detailed user manuals and documentation
› BEIER support forum
› YouTube tutorials
› Customer-run BEIER support group on Facebook
› Professional testing and repair service

All prices include 19% German VAT. You can order all products directly from our online shop. The prices shown in the online shop apply. For more information about our products and ordering, visit our website: www.beier-electronic.de/modellbau. We look forward to welcoming you to our shop!

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