



Dear MULTIPLEX fans,

The Christmas holiday is almost upon us, and the year 2016 is rapidly coming to an end. Just the right time for us to express our gratitude to all you customers - whether you are a beginner or an old hand - for your faith in our products, and the great conversations we've enjoyed at the various model fairs throughout the year.

We wish you and your families a tranquil Christmas and a great start in the New Year, where exciting new projects await you. Have fun reading this, the last MULTIPLEX newsletter for the year 2016!

## MULTIPLEX Airshow 2017

**MULTIPLEX® HITEC**

**AIRSHOW**  
Meet the **MULTIPLEX Stars!**  
FUNKFERNGESTEUERTE MODELLE

**M-Link** **ELAPOR**

**13.-14. Mai 2017**  
**FLUGPLATZ BRUCHSAL**  
OTTO-LILIENTHAL-WEG 1 • D-76646 BRUCHSAL  
EINTRITT UND PARKEN FREI!  
[WWW.MULTIPLEX-RC.DE](http://WWW.MULTIPLEX-RC.DE)

### **MULTIPLEX invites you to its third Airshow:**

Next year the MULTIPLEX Airshow will again be held at Bruchsal airfield near Karlsruhe. Over the weekend of **13 - 14 May 2017** MULTIPLEX and HiTEC team pilots from all over the world will fly demonstration schedules with their contest and display machines. If you haven't attended before, we urge you to take a moment to view the videos of the last two Airshows. Admission and parking are free.

Don't forget to put the date on your calendar!

View now: [MULTIPLEX Airshow 2015](#)

View now: [MULTIPLEX Airshow 2013 - 55 years of MULTIPLEX](#)

Address: LSV Bruchsal - Otto-Lilienthal-Weg 1 - D-76646 Bruchsal

GPS coordinates: [49°07'59.4"N 8°33'59.2"E](#)

## **New MULTIPLEX products - available in model shops right now!**

---

### **True Airspeed + Vario sensor for M-LINK**



#### **Stall warning!**

The sensor measures the model's actual speed relative to the surrounding air, and - for example - provides a warning of an imminent stall on the landing approach if your airspeed is too low.

#### **Precision vario**

This vario sensor takes the weather into account when initially switched on, and monitors changes in atmospheric pressure. The result is extremely accurate readings.

Features:

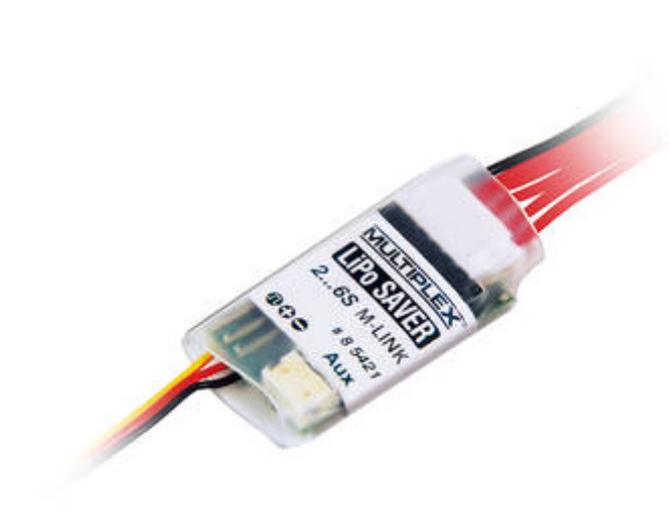
- Measures actual airflow speed by monitoring dynamic pressure
- Measures current altitude by monitoring ambient air pressure
- Measures rate of descent / climb using the optional vario / altimeter
- Automatic sensor calibration
- User-variable warning thresholds

**True Airspeed + Vario Sensor**

**# 8 5418**

**99.90 €\***

## LiPo Saver 2...6S for M-LINK



Individual LiPo cell monitor

The LiPo SAVER 2...6S monitors each cell of your LiPo battery individually, and passes the voltage value for the lowest cell to your MULTIPLEX M-LINK radio control system.

The safety low-voltage warning is triggered by a user-variable warning threshold.

Features:

- Measures individual battery cell voltage
- Measures overall battery voltage
- Displays battery charge as a percentage after launching
- Low-voltage warning via telemetry
- Automatic warning if battery is not fully charged

**LiPo Saver 2...6S for M-LINK**

**# 8 5421**

**49.90 €\***

## ROXXY 150A current sensor for Futaba (F1678)



### Sensor for Futaba users

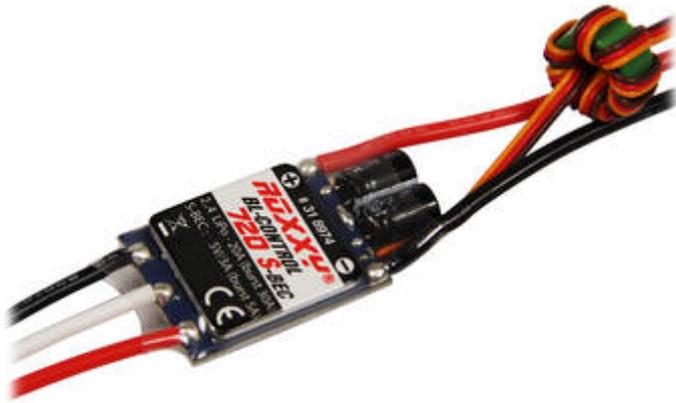
#### 'Fuel gauge' for your battery

This ROXXY sensor is for FASSTest telemetry transmitters and the matching Telemetry-Box. The sensor carries out a zero-potential measurement of the load current and the voltage of the drive / flight battery. The current drain, capacity and voltage of the battery can be displayed on the transmitter's screen or on the Telemetry-Box.

**ROXXY 150A current sensor for Futaba**

# 8 5406 89.90 €\*

### ROXXY BL-Control 720 S-BEC speed controller



The ROXXY® BL Control 720 S-BEC speed controller is intended for fixed-wing model aircraft and helicopters. Since it incorporates a switching BEC (SBEC) it is possible to run up to six servos from the speed controller's BEC when using LiPo batteries consisting of up to four cells. A separate receiver battery is therefore not required. Comprehensive programming facilities enable the unit to be set up to suit a wide range of applications.

Features:

- Selectable low-voltage cut-off for LiPo and NiXX batteries
- Can be programmed using MULTImate or the transmitter stick
- Switchable brake
- Motor direction reverse
- Motor start characteristics
- Timing
- Selectable clock frequency: 8 / 16 kHz
- Governor mode (speed regulator) for model helicopters

**ROXXY BL-Control 720 S-BEC**

# 31 8974

17.90 €\*

**New HiTEC products available in model shops right now!**

---

**HiTEC Flash 7 Promo Edition**



Now supplied with two receivers: HiTEC Flash 7 set with two Minima 6E receivers.

HiTEC Flash 7 Promo Edition

# 110 185

159.90 €\*

MULTIPLEX online catalogue: 184 pages!



The comprehensive online version of the 2016 MULTIPLEX catalogue runs to 184 pages, and can be read and downloaded at no charge [here](#).

## Product of the month

---

### COCKPIT SX 7 / 9



A radio control system which anyone can understand without recourse to fat manuals or tutorials: the COCKPIT SX 7 / 9. The method of setting up the system is similar to a mobile phone app, and is easy to control using the integral touch-screen. Anyone who owns a smartphone will immediately be able to program the COCKPIT SX 7 / 9.

### Ultra-simple to operate

---



One modeller who is a total convert to this radio control system is Martin Münster, the MULTIPLEX sponsored pilot who is just nine years old. His opinion on operating his COCKPIT SX 9: "easy as pie".

## New MULTIfight update

---

Try out the EXTRA 330SC on the simulator



The EXTRA 330 SC designed by Gernot Bruckmann is available immediately as a free update for the MULTIPLEX "MULTIfight" PC flight simulator.

## Free software updates

---

Do you have the latest software?



The MULTIPLEX development team based at Bretten in Germany work full-time on optimising M-LINK products and keeping them constantly up-to-date. In the past year we have had a large number of discussions with users at model fairs and open flying events, and we subsequently evaluated in great detail the praise and criticism we received. These views have been taken into account as we have continued to develop our equipment.

The following MULTIPLEX software updates are available FREE OF CHARGE. They can conveniently be loaded onto your device at home at any time:

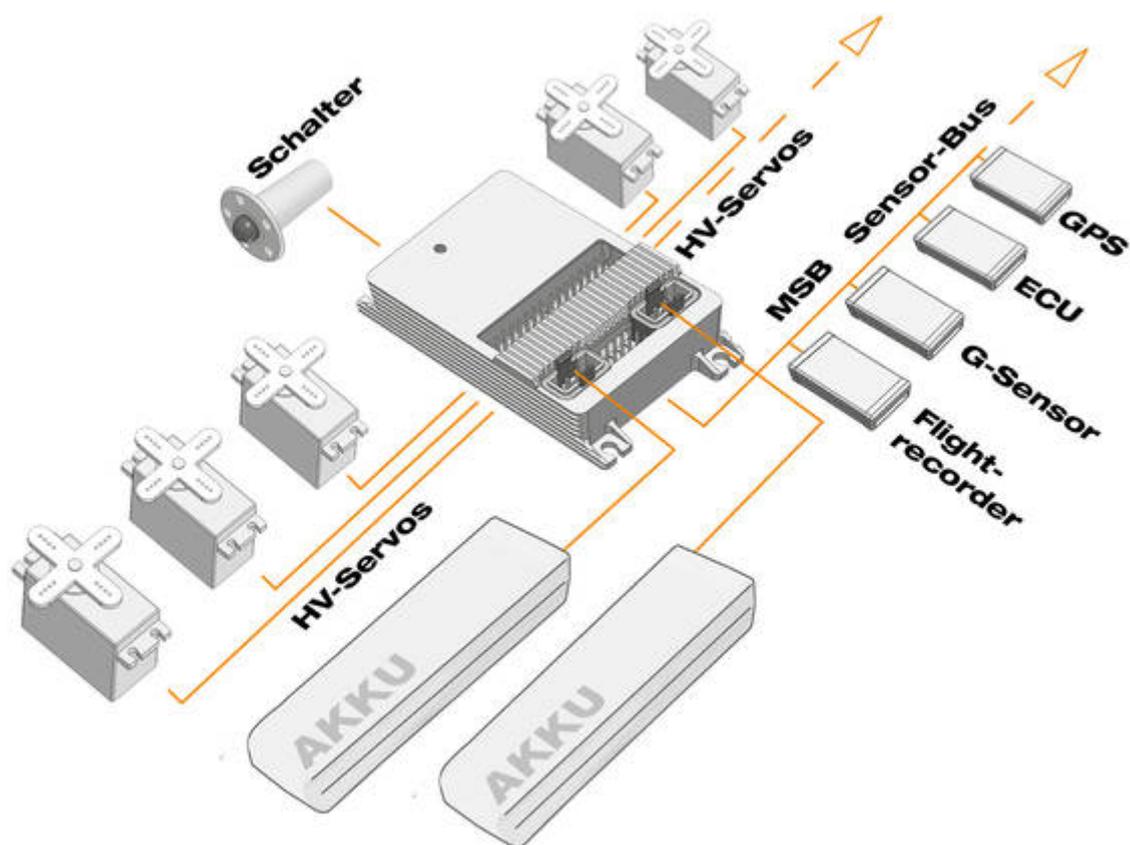
Profi TX: V3.34  
Royal SX: V3.55  
Cockpit SX 7 / 9: V1.20  
WINGSTABI: V1.2.8

MULTIPLEX is a premium manufacturer, producing goods which are Made in Germany, and as such we are delighted to be able to offer this service. Just how swift and straightforward it is to update our software can be seen in our [FAQ video](#), which uses the PROFI TX as an example. It is now also possible to pass on your ideas and requests to us by using the [Wishlist in the MULTIPLEX Technical Forum](#).

## Technical tip

---

### MULTIPLEX M-LINK jet components



### Safe, consistent and fast - the MULTIPLEX solution

MULTIPLEX receivers, sensors and switches are high-quality products, perfectly matched to each other. These components are wide-voltage types, which means that they can be operated on any voltage from a minimum of 4.8 Volt up to 8.4 Volt. If you want an RC system which always works reliably and perfectly, stick to MULTIPLEX components right through your system.

### **HV solution with integral 35 A battery backer**

Probably the most convenient solution is to use a WINGSTABI RX-12 / 16-DR receiver with integral 35 A battery backer. Competition pilots and purists can simply match their servos and then loop them through without gyro support.

Receiver: WINGSTABI RX-16 DR M-LINK incl. 35 A battery backer

Receiver battery: 2 x ROXXY EVO LiPo 2/2200 30C

Switch: "Professional" safety switch for Antiflash

Sensors: GPS V2, Flight Recorder, G-force sensor, MSB ECU

Servos: HiTEC

### **MULTIPLEX technical forum**



Despite being launched only a few days ago, the MULTIPLEX Technical Forum is already proving very popular.

Become a real modelling pro! This is where you'll find the very latest information, programming tips and suggestions relating to virtually all the facilities and options of your MULTIPLEX, HITEC, ROXXY and POWER PEAK products. In the MULTIPLEX TECHNICAL FORUM you will be in the company of MULTIPLEX staff members and MULTIPLEX sponsored pilots, whose comments are founded on their enormous depth of knowledge and experience.

Have fun!

You can access the MULTIPLEX Technical Forum here!

### **Magazine reviews**

---

#### **EXTRA 330 SC designed by Gernot Bruckmann**

*"The ELAPOR EXTRA 330 SC has everything that you would expect of a much larger EXTRA. In keeping with the company's reputation, MULTIPLEX has once again produced a model of the very highest quality. The EXTRA 330 SC can cope with the most extreme 3D aerobatics, and at the same time is quick and easy to dismantle and stow in the car. This model is an absolute MUST for all RC aerobatic pilots."*

**MRA 1/2017**

#### **EXTRA 330 SC designed by Gernot Bruckmann**

*"The EXTRA 330 SC is the new reference point in the category of moulded foam*

*powered aerobats! Extremely light and agile, but indestructible in the air up to 18 G, it sets new standards in this class. Gernot Bruckmann's influence is evident in the machine's excellent flying characteristics, while Mirco Pecorari is responsible for the impressive colour scheme."*

**PROP 4/2016**

### **HiTEC Flash 7**

*"Quality, features and price: in the Flash 7 they all add up, and the price : performance ratio is good. Model glider pilots in particular are well served with the Flash 7, as it offers side-mounted rotary controls and extremely convenient software, making it very easy to exploit the potential performance of a four-flap glider to the full."*

**MFI 1/2017**

### **HiTEC X2 700**

*"An extremely capable performer! The X2 700 from HiTEC, with its high-performance electronics and simple programming, is the modeller's ideal companion, whether in the home workshop or out at the flying field."*

**MRA 1/2017**

### **ACRO model bag**

*"The optional model bag for the Acro is a great choice if you wish to transport the wings in safety."*

**PROP 4/2016**

### **ROXXY Smart Control 70 MSB**

*"The new generation of ROXXY speed controllers incorporating the MSB bus supersedes the previous series of MULTICONT MSB controllers. The advantage of the new units is their lower weight and simplicity of programming using the current version of MULTIPLEX Launcher. The integral sensors for voltage, current, temperature, rotational speed and capacity keep the pilot comprehensively informed - and in real time. An additional feature is that the maximum values for rpm and current can be read off on the transmitter after the model has landed. It is possible to program various warning thresholds, the direction of motor rotation, start-up behaviour, motor timing and even gearbox reduction ratio. When a fully-charged battery is connected to the controller, the capacity display automatically reverts to 0. I must admit that I have never heard motors emit a more pleasant sound when running, as the usual growl and rumble from the motor in the acceleration phase is substantially reduced with this speed controller. Ultra-fine control of motor speed is vitally important when hovering, and the new controller also gives a convincing performance in this regard. During the entire test programme I found nothing to complain about, and temperatures remained moderate."*

**PROP 4/2016**

### **ROXXY Smart Control 45 / 70 / 100 MSB**

*Product presentation at Bruchsal*

**Modellpilot.EU**

**Klein gegen Groß (Little vs. Large) - on the ARD channel,**

17.12.2016



In the "Klein gegen Groß" (Little versus Large) television show on the ARD channel, presented by Kai Pflaume, two MULTIPLEX / HiTEC sponsored pilots will be pitted against each other at 8.15 pm on 17.12.16. Martin Münster, just nine years old, will challenge record-breaking champion Gernot Bruckmann to an indoor flying duel.

It'll be great fun - don't miss it!

With all best wishes  
Your MULTIPLEX team

\* Recommended Retail Price in € incl. VAT

You can also find us at:



[Click here if you wish to unsubscribe from the newsletter.](#)

**MULTIPLEX Modellsport GmbH & Co.KG**

Westliche Gewerbestr. 1  
75015 Bretten-Gölshausen

CEO:

Chun Sue Park, Dieter Wörner

Telefon: +49 (0) 7252 580 93 0

Fax: +49 (0) 7252 580 93 99

phG: Multiplex Modellsport Verwaltungs  
GmbH

Bretten (AG Mannheim HRB 505430)

AG Mannheim HRA 503805

UST-ID DE225469090

Steuer-Nr.: 30042/14456

WEEE DE89838279

[www.multiplex-rc.de](http://www.multiplex-rc.de)