

MULTIPLEX®

MULTIPLEX® TECHNIK-FORUM

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Dear MULTIPLEX fans,

The 2016 flying season is now rapidly nearing its close. The usual round of outdoor competitions is over, and the overall victors for the year have received their awards. Amongst them were quite a few of our team pilots, who managed to garner European and World Championship titles in addition to winning National Championships. You will find more on this and other modelling news in the December 2016 issue of the MULTIPLEX newsletter.

We hope you enjoy reading it!

MULTIPLEX News

New: MULTIPLEX Technical Forum

MULTIPLEX® TECHNIK-FORUM

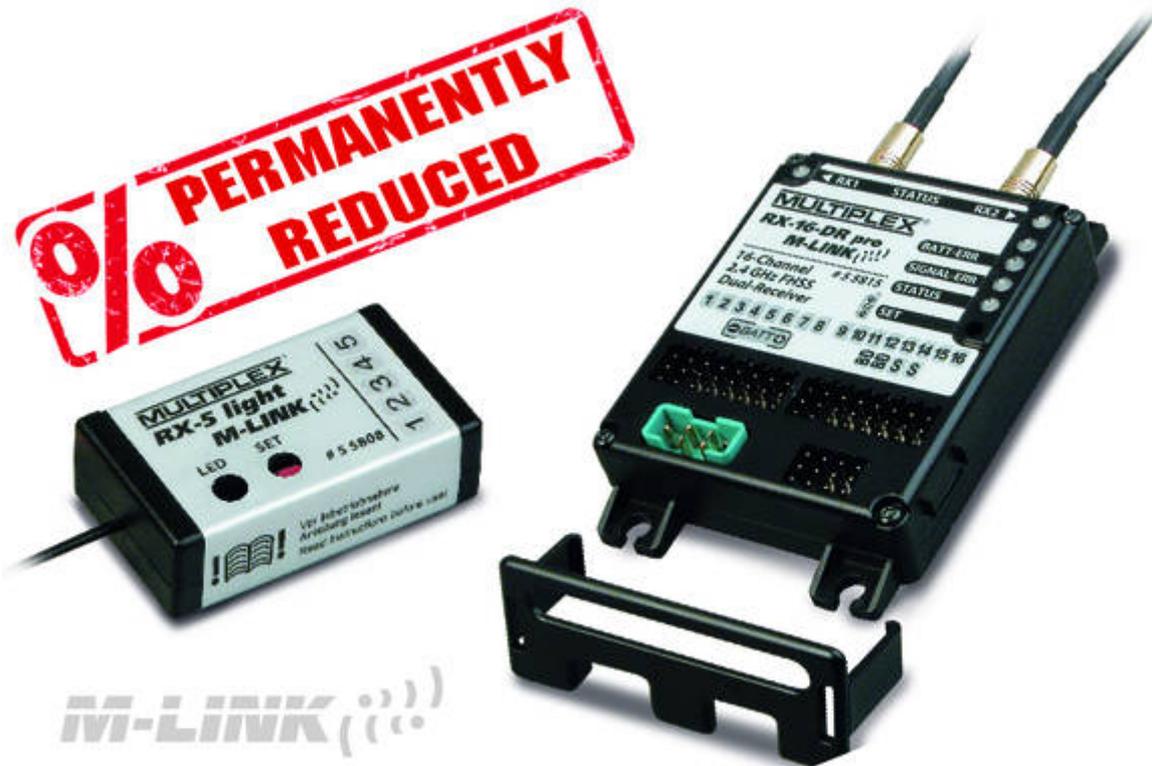
Become a real modelling pro! This is where you'll find the very latest information, programming tips and suggestions relating to virtually all the facilities and options of your MULTIPLEX, HITEC, ROXXY and POWER PEAK products.

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!

Enter the MULTIPLEX Technical Forum [here!](#)

Lower prices on MULTIPLEX receivers



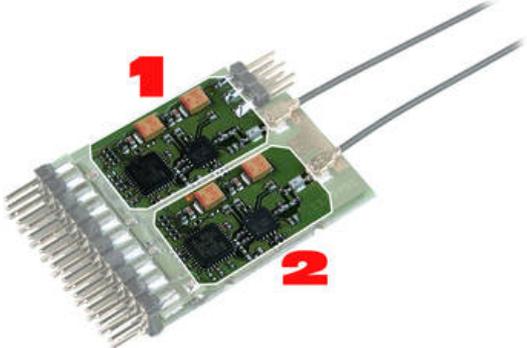
We are introducing permanently reduced prices on the range of M-LINK receivers from the RX-5 light to the RX-16-DR.

You can find current prices and additional information on the [MULTIPLEX website](#), and also in the current MULTIPLEX catalogue, which is available in PDF form as a [free download](#).

For example:

<u>RX-5 light receiver</u>	# 5 5808	36.90 €*
<u>RX-7 receiver</u>	# 5 5818	69.90 €*
<u>RX-16 DR pro receiver</u>	# 5 5815	199.90 €*

Maximum reception quality and range



MULTIPLEX DR receivers contain two fully featured receivers in one case. You can't get more secure than that!

MULTIPLEX Magazine

"Why I fly MULTIPLEX"



The following text was sent to us by a customer who is an enthusiastic MULTIPLEX fan. We were delighted to receive it, and that's why we are publishing it here, in unedited form. Our thanks go to Christian Schimmel, who has been using MULTIPLEX products since the foundation of the company.

"Hi there fellow-modellers, especially users of an MPX MC3030 or MC4000. My name is Christian Schimmel.

As a modeller who has made the switch to a Multiplex Profi TX16 M-Link system I would like to introduce myself briefly and outline the reasons behind my choice of equipment.

I was born in 1946 and therefore rank as one of the younger seniors. I've been an active modeller since 1960, my first model aircraft being the Graupner KADETT of that era.

My first radio control system was a Metz Mecatron three-channel 'bang-bang' (non-proportional) system, followed by a Multiplex 101, MPX Digitron and later a Profi Module. With the exception of the MPX 101 all these systems - and others - are now on display in a cabinet, having been retired from active use.

Early in 1975 my modelling career came to a halt for quite a protracted period. During this time I took my PPL (Private Pilot's Licence), and turned my attention to full-size aviation. Soon after my initiation came my introduction to motor-gliders, and in due course I became a glider tug pilot. However, throughout this period I maintained my contacts with my model-flying friends, and often used my Champion Citabria to seek and find models which had 'landed out'. At present my PPL has expired, and I have no plans to re-activate it.

Model flying was resumed in 1989. My first step was to obtain a Multiplex 3030 Master Edition, followed in 2002 by an additional system from another manufacturer. I found the programming of the latter illogical and difficult to understand, and also discovered that repairs and servicing were expensive. As a result I passed it on to a new owner, and made the change to a new MPX 4000, unused and in its original packaging, which I obtained at a discount. The MC3030 and MC4000 were fitted with 2.4 GHz M-Link modules, and I subsequently converted all my aeroplanes to Multiplex DR M-Link receivers. These units contain two complete receiver circuits operating in parallel, each with its own aerial. The result is superbly reliable reception combined with minimal directional effects. I have never had a single failure with any of these components.

In mid-2015 I acquired a Pilot Super Decathlon with a wingspan of 3.81 m. This was my first model to require more than twelve channels. As I'm not a fan of Y-leads, I only had two options: add a channel expansion unit to the MC 4000 or purchase a new sixteen-channel transmitter.

It didn't take me long to make up my mind. The thoroughly reliable M-Link transmission system which I had been using in the form of the MC 3030 and MC4000, and the enormous range which is constantly available with this equipment, made the decision an easy one: for me the only candidate was the Multiplex TX16. By this time I had also asked all my friends about the new Profi TX16, and had checked and tried out all the functions and the programming procedure. Now I am also the proud owner of a Multiplex Profi TX16 and three M-Link DR 16 pro receivers.

Here are the reasons for my decision:

During all the time I have been using Multiplex systems there has only been one single defect to date which I could trace back to a technical fault in the system. In May 1990 a cable came adrift from the aileron pot of my MC3030 transmitter due to a strain relief bridge which was not firmly secured. Of all the radio system manufacturers and distributors the standard of service from Multiplex is the best available, and I find it hard to imagine it being bettered. The staff are always keen to help, and continue to assist until the problem is permanently solved. If a solution cannot be found immediately, the Service Department will ring up to keep you informed.

To me a very important point is the logical overall design of the software programming.

The procedure is similar to that of the MC3030 and the MC4000, but the Multiplex TX16 offers one great advantage: you do not need to leaf through menus. Instead you have direct access to the individual primary menus by pressing one of a series of buttons.

These are the Tool menu for all transmitter control and M-Link assignment settings, control functions for servo travel, Dual Rates and Expo etc. The Mixer menu for combi-switch (coupled aileron / rudder), aileron differential and transmitter control mixers.

The Servo menu for calibrating servo travel, setting up servo reverse and also for creating and adjusting all the available five-point curves.

The Timer menu is available for all models, and offers three fully and freely programmable timers with alarms, together with date and time of day.

The Memory menu allows the user to select, copy and erase existing models, and set up new ones. There is also a Safety Check, which checks all safety-relevant points of your programming and alerts you to potential problems. Basically this involves checking the model memory, but it remains up to the user to check the state of charge of the batteries, run through a personal check-list and so on.

I have found that this system fulfils all my requirements and satisfies my preferences as a model flyer. Points which make the programming process easier are the large number of model templates, which include a comprehensive set of pre-defined mixers which can then be fine-tuned to suit your model. A particular advantage to my mind is Phase Trim: in contrast to the MC 3030 and 4000, the TX16 automatically saves and adopts the trim settings established in each flight phase.

A further important point which is well worth a mention is the clear physical layout and ease of access of the TX16's primary transmitter sticks and other controls, including switches and proportional controls. I have certainly found nothing comparable on other products.

Another feature of which I have made very good use is the real-time telemetry. Battery voltage for ignition and RX systems, airborne current drain, tow release altitude, airspeed: all this information is available at all times, either on the transmitter screen or via the loudspeaker at the flick of a switch.

Finally I would like to mention that I have fitted out a second 2.7 m span Decathlon with a Multiplex WingStabi gyro. This is a new model, and is in use as a glider tug. It is simply unbelievable how stable and calm every aero-tow now is. Glider flyers who have had their sailplanes towed up by this model are equally impressed.

I hope that this explanation may have helped you a little in your considerations if you are thinking about upgrading to a Multiplex TX system. In any case I wish you all great fun in our shared and wonderful hobby of model flying.

Yours - Christian Schimmel"

MULTIPLEX picture of the month

PILATUS PC-6



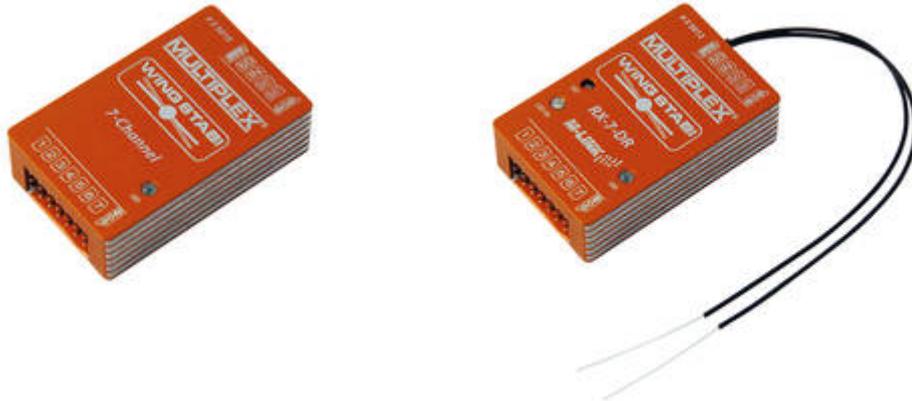
A superb picture from Wilfried Hörmann, who has fitted floats to his ELAPOR® PILATUS PC-6 Turboporter. Incidentally, the floats also work perfectly on snow.

Pilatus PC-6 floats kit

73 3060

52,90 €*

Cut out that Autumnal wind



Watch your model fly as if there were no wind at all - the WINGSTABI makes it possible! We recommend the WINGSTABI 7 as an option for the PILATUS PC-6.

WINGSTABI 7-channel

5 5010

119.90 €*

WINGSTABI RX-7-DR

5 5012

179.90 €*

Fly at home in the warm



If you're someone who doesn't relish the Autumn weather, you can fly virtually any MULTIPLEX model in the warmth and comfort of your own home using the MULTIfly simulator. Our all-in package contains the MULTIfly Plus Set with SMART SX 6 M-Link six-channel radio control system. As well as for simulator flying, this can also be used for "real" flying with an ELAPOR model.

MULTIfly Stick

8 5147

36.90 €*

MULTIfly Stick with MULTIfly PLUS

8 5165

66.90 €*

MULTIfly Plus Set, mode 1+3**

1 5306

83.90 €*

MULTIflight Plus Set, mode 2+4**

1 5305 83.90 €*

** Currently on special offer. Ask at your model shop!

Rendezvous with MULTIPLEX / HiTEC

Impressions from Friedrichshafen 2016



Friedrichshafen 2016 was a great Fair, and we would like to thank all our visitors and those great pilots who took part in the flying displays. The MULTIPLEX team is already looking forward to the next Faszination Modellbau at Friedrichshafen in 2017.

Magazine reviews

EXTRA 330 SC designed by Gernot Bruckmann

Video review - part 2
Modellpilot.EU

EXTRA 330 SC designed by Gernot Bruckmann

"The EXTRA 330 SC is a fine model for classic aerobatics as well as for 3D flying, and is very easy to control. The quality of the airframe places it in a class above any other foam model. You simply have to have this EXTRA in your hangar."

Modèle 11/2016

EXTRA 330 SC designed by Gernot Bruckmann

"The quality of this new MULTIPLEX design is just fantastic. In the air the EXTRA 330 SC feels like a much larger model than it really is. No need to ask me what's top of my personal wish-list for Christmas."

RC Pilot 11/2016

FUNCUB XL

"The FunCub XL is a huge foam model whose quality is absolutely top-class. It flies superbly, and is definitely worth its purchase price."

Airborne 8/2016

PROFI TX 16 Master Edition

Video review

Modellpilot.EU

Great successes for MPX / HiTEC team pilots

Welcome to the team!



Germany's latest new-generation aerobatic talent, Martin Münster, has already been featured in model magazines and even on television, and he is now the latest member of the MULTIPLEX sponsor team.

He flies all his models - from lightweight indoor aircraft to a 2.20 m span EXTRA - with his COCKPIT SX 9, and has been demonstrating his MULTIPLEX Stuntmaster at flying displays for quite a while now.

MULTIPLEX TV appearance



At 8.15 pm on 17 December Martin is due to appear in the television show "Klein gegen Groß" (Little versus Large) on the ARD channel, competing against a well-known modelling multiple World Champion. We're all keeping our fingers crossed!

2016 sponsored pilot meeting



2016 champions

Harald Behringer	German Champion	SemiScale, sport class
Eckart Blau	German Champion	VG 1:8

	40+	
Jeremias Hartmann	German Champion	F3AX German Cup Intermediate
Thomas Höchsmann	German Champion	SemiScale, expert class
Melanie Trottmann	Swiss Champion	OR 1:6 4WD & OR 1:6 Big Scale
Werner Kohlberger	European Champion	European Acro Cup Unlimited
Giuliano Ott	World Champion	FSR-V 3.5cc Junior
Sven Rodewald	European & German Champion	Short Course 1:6, 1:6 4WD & 1:6 4WD Junior
Holger Treyz	German Champion	Jet aerobatics, sport class
Sebastien Videmont	World Champion	FSR-V 15c

Congratulations from every one of us to all these 2016 World, European and German Champions using MULTIPLEX / HiTEC. We also send our best wishes to our numerous regional winners, whom we cannot list in full due to lack of space.

Our warmest congratulations!! MULTIPLEX M-LINK and HiTEC - systems for winners!

With all best wishes
Team MULTIPLEX

* Recommended Retail Price in € incl. VAT

You can also find us at:



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