



ALEWINGS di Alessandro Torri
v. del Lavoro, sn - 20084 Lacchiarella MI
P.I. 04683390969 C.F. TRRLSN75S29F205Z
Tel.+39.02.94089939 Fax+39.02.90030855
www.alewings.it info@alewings.it

Date: May 2009
Document version: 1.0v

To consult the last version available of this document, we recommend you to download it from our web site www.alewings.it customer care section.

Handbook only for product code E0049C

Active FILTER

Manuale d'installazione e d'uso

Dear client,

We express our thanks for your purchase of **ActiveFILTER** for servos.

Too often it happens to notice unwanted movement by servos, even in simple installation on small and medium size airplanes. Usually they have been displayed as sudden movements of short range, very similar to a flicker, but in some cases they can also show with an abnormal movement locking servo.

All these effects don't come from neither the receiver nor other electronic devices on board but they come from a low and dirty servo signal position.

Usually this happens when you are using extensions with a big or medium length but with different connections.

A weak and dirty signal can cause some troubles for internal servo electronics and its consequence is the loss of precision servo motion.

ActiveFILTER device is used to amplify and filter, and then protect, the servo signal from interfering signals.

By using this device we can be certain to have a filtered signal from interfering signals and we can use without problems extensions with a big length.

ActiveFILTER features are:

- Compatibility with any type of receiver
- Compatibility with any type of transmission PCM PPM - 2.4GHz
- Compatibility with any analogic or digital servo

This documents is a property of ALEWINGS. IT'S STRICTLY FORBIDDEN the reproduction or/and the diffusion even partial without the explicit written permission



ALEWINGS di Alessandro Torri
v. del Lavoro, sn - 20084 Lacchiarella MI
P.I. 04683390969 C.F. TRRLSN75S29F205Z
Tel.+39.02.94089939 Fax+39.02.90030855
www.alewings.it info@alewings.it

- Compatible servo connection Futaba - Jr Graupner
- Filtering of the output signal from the receiver to servos
- Protection for short circuits (excluding servo linked to it in case of absorption caused by short circuit)

The installation is very simple, it is used as a normal servo extension and it is inserted between the receiver and servo.

To improve performances and to make it more effective, we recommend you to install it close to the servo at the end of a long extension.

If this installation is difficult, it can be placed also to half of the extension or near of the receiver as an exhaustive position.

USERS NOTICES:

Warnings:

Not put near a source of heat above +60°C, mixture of gasoline, alcohol or solvents, don't place the device in humid areas, not cause short circuits, not damage or remove the thermo constricting protection.

AEE Waste disposal:

According to art.13 of the Legislative Decree of July 25th 2005, n.151, "Implementation of Directives 2002/95/EC, 2002/96/EC and 2003/108/EC, concerning the reduction of hazardous substances for electrical and electronical equipment and disposal of waste".

The symbol of the crossed rubbish bin swon on the equipment or on its packaging, indicates that the product at the end of its use life must be collected separately from other waste.

At the end of its use, the user will have to bring the equipment to its suitable separate collection of electronical and electro-technical rubbish or bring it back to the dealer at the moment of the purchase of a new similar device.

The proper collection of the desued recycling equipment, the treatment and the environmentally compatible disposal contributes in preventing possible adverse effects on the environment and human health and it furthers the reuse and/or the recycling of materials.

Improper disposal of products involves the application of administrative sanctions provided by law.

