

EZ-REVERSER

MANUFACTURED BY

FIRMTRONICS

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SERVO REVERSER WITH COMPLIMENTARY OUTPUT

INTRODUCTION

EZ-Reverser is a high-resolution (1600 steps) servo reverser with a dual complimentary output. One output provides a straight-through, non-reversed signal while the other provides a complimentary reversed signal. This dual output eliminates the need for a Y-Lead in model aircraft requiring one servo for each aileron. Either or both outputs may be used as required.

TECHNICAL INFORMATION

Dimensions (L x W x H)	16 x 10 x 8	mm
Weight	3.5	g
Operating voltage	2.7 – 6.0	V
Power consumption	4	mA
Output resolution	0.625	µs
Input signal range	1 – 2	ms
Output signal range	1 – 2	ms
Centre pulse compatibility	1.5	ms

NOTE: Supplying more than 6 volts to the device could cause permanent damage. Please only use 4 cell battery packs.

CONNECTIONS

Connect EZ-Reverser to the receiver using the port on which servo reversing is required (eg Aileron). Connect the servo which is to be reversed to the lower row of output pins nearest the Printed Circuit Board (PCB). Optionally connect the servo which does not require servo reversing (i.e. straight through) to the upper row of output pins, furthest from the PCB. Observe that the configuration of the output pins (negative, positive and signal) is the same as that of the input servo lead (i.e. signal closest to the edge of the PCB).

OPERATION

EZ-Reverser operates by reversing the input servo signal on the bottom row of the output pins (closest to the PCB) and providing a non-reversed 'straight-through' signal on the top row. This is useful for aircraft requiring one servo for each aileron and eliminates the need for and cost of a Y-Lead.

CONTACT

This product is manufactured by FirmTronics. Visit us at www.firmtronics.com for more information, including details of your nearest distributor, troubleshooting and updated user manuals.

WARRANTY

FirmTronics guarantees this product to be free from defects in materials and workmanship for a period of 90 days from the original date of purchase, verified by a sales receipt. This warranty does not cover incorrect application, incorrect installation, components worn by use, reversed voltage, improper voltage, tampering, misuse or shipping. Our warranty liability shall be limited to repairing the unit to our original specifications and in no case shall liability exceed the original cost of the product. By the act of installing or operating this product, the user accepts all resulting liability. We reserve the right to modify the provisions of this warranty at any time without notice.