Gimbal Stick End – 3D (M4)

User Manual

Aluminium gimbal stick end with M4 thread



Before fitting, read this manual and make sure that the sticks of your radio have an M4 thread.

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Contents

1. Product description

1.1 What it is for

1.2 Specifications and package contents

2. Use

2.1 Before you start

2.2 Replacing the stick ends

2.3 Adjusting the height

2.4 Maintenance

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

3.2 Disposal

4. Warranty and rights arising from defective performance

1. Product description

1.1 What it is for

The Gimbal Stick End – 3D (M4) is a replacement end for the control sticks (gimbal sticks) of a radio transmitter. It is milled from aluminium and has a sculpted 3D shape with teeth around its circumference. Thanks to the rounded shape, the teeth stay in contact with your fingers throughout the entire stick movement, so the stick end suits both basic grip styles – **thumbing** (flying with the tips of the thumbs) and **pinching** (holding the stick between thumb and index finger).

The stick end consists of two parts, which make it easy to adjust the stick height to your hand size and flying style. It has an **M4** thread and is therefore suitable for radios with this stick thread, for example the Radiomaster TX16 or Radiomaster Boxer.



Gimbal stick ends – 3D (M4)

1.2 Specifications and package contents

Product designation	Gimbal Stick End – 3D (M4)
Material	aluminium, CNC milled
Thread	M4
Design	two-piece, adjustable height
Suitable e.g. for	Radiomaster TX16, Radiomaster Boxer
Package contents	2× gimbal stick end
Not included	radio transmitter, tools

2. Use

2.1 Before you start

- Make sure the sticks of your radio have an **M4** thread. Do not fit the stick end onto sticks with a different thread and do not force the thread – you would damage the thread of both the stick and the stick end.
- Replace the stick ends with the radio switched off. Never adjust the sticks while a drone bound to the radio is connected to its battery.

2.2 Replacing the stick ends

① Remove the original stick end. If it is a two-piece type, first loosen the lower part from the upper part. Then unscrew the stick end anticlockwise.

② Screw the **lower part** of the new stick end onto the stick thread and leave it loose, lower down on the thread for now.

③ Screw on the toothed **upper part** and set it to the required height (see Chapter 2.3).

④ Hold the upper part and tighten the lower part against it. This locks the two parts together so the stick end does not loosen during flight.

⑤ Repeat the same procedure on the other stick.

※ Tighten the parts by hand only – the aluminium thread is easily damaged by overtightening.

2.3 Adjusting the height

The stick height is determined by how far the upper part is screwed onto the thread. Lower sticks usually suit thumbing, higher sticks rather suit pinching. Try out the ideal height – set it so that the stick feels natural and comfortable in your hand.

- After adjusting, always lock the upper part again with the lower part (step ④).
- Do not screw the upper part so high that it is held only by the last few threads – the stick end could come loose.
- After fitting, move both sticks to all end positions and check that they move freely, that the stick end does not hit the radio body or the protective frame anywhere and that the radio shows the full range in its menu.

2.4 Maintenance

- Check from time to time before flying that the stick ends are firmly tightened.
- Wipe dirt and sweat off the stick ends with a dry or slightly damp cloth. Do not use solvents.
- The teeth have sharp edges – handle them with care. The stick ends are small parts; keep them out of the reach of small children.

3. Information for the EU and Czech Market

3.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

3.2 Disposal

- The product contains no electronics or batteries and is not covered by the take-back of electrical equipment.
- The stick ends are made of aluminium – at the end of their service life, hand them over for metal recycling or at a collection yard.
- Sort the packaging by material into the appropriate separate-waste containers according to the rules of your municipality.

4. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 3.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.