

Large Mammal Radio Collars



Specialists in Animal Radio Monitoring

Collars are the predominant way of radio-tagging mammals, except for mammals whose necks are wider than their head. For large mammals, durability and a range of adjustable sizes are important. The main materials for large collars are listed here but other materials are possible. Please contact us to discuss your ideas.

Biothane Collar - Our most comfortable collar



Comfort: Very flexible and rounded edged material designed for animals
Durability: High
Fastening: Bolt plate
Antenna: Whip
Weight: 35g—230g

Popular for Deer, Monkey, Genet, Marten, Fox & other large Carnivores

Nylon Collar - Very durable and flexible

Comfort: Very flexible
Durability: High
Fastening: Buckle or bolt plate
Antenna: Threaded through collar to back
Weight: 25g—385g

Previously used on Cows, Ponies, Cats and other domestic species



Leather Collar - Degradable, so good for conservation species



Comfort: Less flexible
Durability: Moderate, degradable
Fastening: Bolt plate
Antenna: Usually external whip
Weight: 26g—280g

Popular for Badgers and some Monkey species

Plastic Collar

These collars are available in a range of colours for easy spotting and identification. They have only one width, 38mm, are primarily used with cattle and are attached with a buckle.

See overleaf for more detailed specifications and information on how we can customise your tag further.

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Collar Specifications

Biothane	Weight (g)		Battery Life				Dimensions (mm)			Model
	Leather	Nylon	Min	Std	Max	Years	L	W	H	
130 - 280	150 - 400	150 - 400	3.2	5	9.2	Years	60	35	25	TW-3 AA (x2)
120 - 270	100 - 300	100 - 200	1.7	2.9	6	Years	60	28	25	TW-3 AA
110 - 230	120 - 320	120 - 200	2.6	4.1	8	Years	40	35	25	TW-3 2/3 AA (x2)
65 - 85	110 - 310	90 - 150	1.6	2.6	5.5	Years	35	35	25	TW-3 1/2 AA (x2)
50 - 65	35 - 130	60 - 120	1.4	2.3	5	Years	40	28	25	TW-3 2/3 AA
42 - 50	25 - 50	25 - 60	0.8	1.4	3.2	Years	35	28	25	TW-3 1/2 AA
34 - 40	28 - 34	N/A	4.4	7.6	18.4	Months	36	20	20	TW-3 10-28

Tag Customisation

Battery life can be modified by changing the pulse characteristics; decreasing the pulse rate and pulse length gives a longer lifespan but with a lower range, and vice-versa. This allows us to design the collar to meet your specific needs.

Use our **Tag Chooser** (www.biotrack.co.uk) to see the effect of pulse characteristics on both tag life and range.

Delivery

As our tags are customised for each order, it is best to give as much warning as possible allowing time to discuss and finalise exactly what you need. Standard delivery time from the placement of an order is 6–8 weeks, but occasionally it is possible to build tags at short notice, so please contact us, even if you think it may be too late.

Provisional ordering

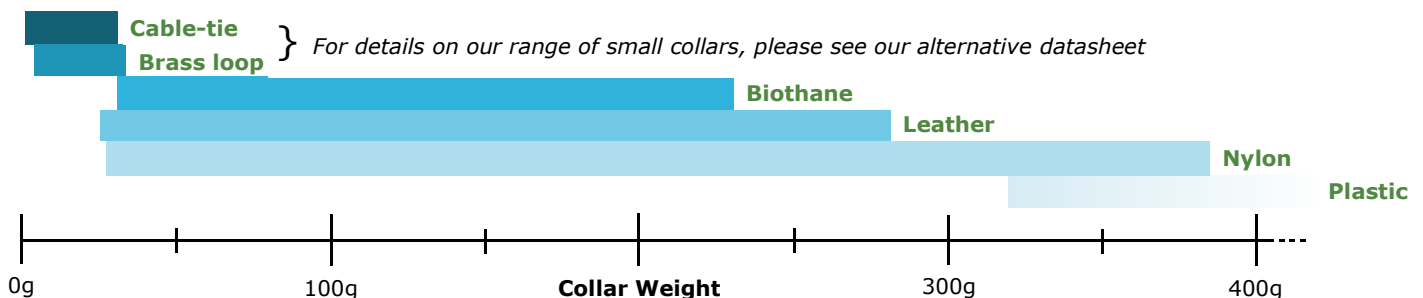
We can take provisional orders if you are unsure of funding. We provide a quote and schedule the making of the tags, with no obligation to buy if the funding is not granted.

Biotrack is part of the Lotek Wireless Group

With Lotek, Biotrack can now offer researchers a greater array of products and services, including **GPS Collars**.

- Contact us if you would like more information

Our range of Radio Collars



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info@biotrack.co.uk

We are more than happy to discuss any questions you may have about radio-tracking over the phone, by fax or by e-mail.