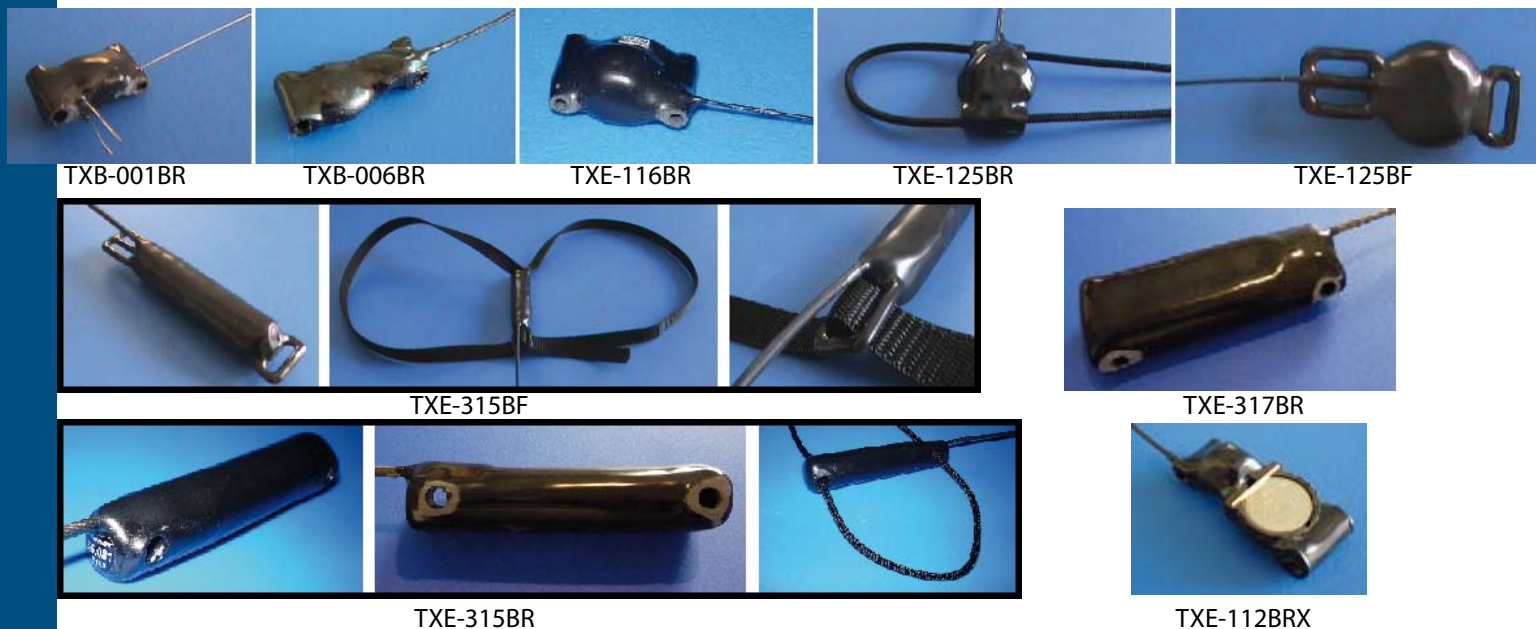


# BACKPACK



Used on all kinds of birds and other species with particular needs like crocodiles and alligators. These models are attached with a harness made of a cylindrical or flat rope. The harness can surround the wings, legs, chest or neck depending on the specie and method used. There are 2 main types of Backpacks:

BR - Backpack for Round rope: 2 holes are included on the transmitter so a cylindrical rope can pass through. Diameter of the holes is defined by the customer. In some options only one hole is needed. Holes can go parallel (mainly for ducks) or perpendicular to the main length of the transmitter.

BF - Backpack for Flat rope: Metal buckles are included so a flat rope can pass through. This option is mostly used for raptors. Width and height of the holes can be defined by the user.

X- Extension after BR or BF means the model has user exchangeable battery. Not available on all models. Around 20% extra weight, no extra cost. E.g. Falconry.

Model	Weight [gr] for R - Round rope (holes)	Housing dimensions [mm] (dia=diameter) for R -Round rope (holes)	Weight [gr] for F -Flat rope (metal buckles)	Housing dimensions [mm] (dia=diameter) for F -Flat rope (metal buckles)	RANGE vs LIFE			PRICE
					Range Without obstacles [km]	Lifetime (D- Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	
TXB-001B	0.75	14x7x6	N/A	N/A	4	14 D	25 @ 40	B
TXB-002B	0.85	15x7x6	N/A	N/A	4	20 D	25 @ 40	B
TXB-003B	0.95	15x7x6	N/A	N/A	4	28 D	25 @ 40	B
TXB-004B	1.3	15x8x7	N/A	N/A	4	35 D	25 @ 40	B
TXB-005B	1.5	18x9x7	N/A	N/A	4	50 D	25 @ 40	C
TXB-006B	1.9	20x11x7	N/A	N/A	4	80 D	25 @ 40	C
TXB-007B	3.5	27x10x10	N/A	N/A	4	4 M & 15 D	25 @ 40	B
TXB-008B	4.6	28 x 14 x 8	N/A	N/A	4	7 M & 5 D	25 @ 40	B
TXB-009B	5.2	28x14x9	N/A	N/A	4	10 M & 25 D	25 @ 40	B
TXB-110B	2.4	22 x 9 x 7	N/A	N/A	20	27 D	25 @ 40	B
TXE-110B	2.6	22 x 11 x 7	N/A	N/A	30	9 D	30 @ 40	B
					25	14 D	20 @ 40	
						20 D	20 @ 30	

Model	Weight [gr] for R - Round rope (holes)	Housing dimensions [mm] (dia=diameter) for R -Round rope (holes)	Weight [gr] for F -Flat rope (metal buckles)	Housing dimensions [mm] (dia=diameter) for F -Flat rope (metal buckles)	RANGE vs LIFE			PRICE
					Range Without obstacles [km]	Lifetime (D- Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	
TXB-112B	3	17 x 14 x 8	N/A	N/A	20	45 D	25 @ 40	C
TXE-112B	3.2	17 x 16 x 8	N/A	N/A	30	15 D	30 @ 40	C
					25	22 D	20 @ 40	
TXB-116B	5.2	18 x 21 x 9 -o- 25 x 18 x 7	N/A	N/A	20	4 M	25 @ 40	C
TXE-116B	5.4	18 x 21 x 11 -o- 31 x 18 x 7	N/A	N/A	30	31 D	30 @ 60	C
						45 D	30 @ 40	
					25	65 D	20 @ 40	
						85 D	20 @ 30	
TXB-120B	6.5	28 x 21 x 9	N/A	N/A	20	7M & 10 D	25 @ 40	C
TXE-120B	7.2	30 x 21 x 10	N/A	N/A	30	50 D	30 @ 60	C
						73 D	30 @ 40	
					25	3 M & 15 D	20 @ 40	
						4 M & 15 D	20 @ 30	
TXE-203B	8.5	19 x 14 x 34	10.5	19 x 14 x 46	30	70 D	30 @ 60	D
						3 M & 10 D	30 @ 40	
					25	4 M & 25 D	20 @ 40	
						6 M & 5 D	20 @ 30	
TXE-304B	9	12dia x 48	11	12dia x 61	30	95 D	30 @ 60	D
						4 M & 15 D	30 @ 40	
					25	6 M & 15 D	20 @ 40	
						8 M & 10 D	20 @ 30	
TXE-207B	15.5	13 x 20 x 42	17.5	13 x 20 x 56	30	5 M	30 @ 60	D
						7 M & 7 D	30 @ 40	
					25	10 M & 10 D	20 @ 40	
						13 M & 10 D	20 @ 30	
TXE-124B	15.5	27 x 11 x 42	17.5	27 x 11 x 55	30	3 M & 25 D	30 @ 60	D
						5 M & 15 D	30 @ 40	
					25	7 M & 25 D	20 @ 40	
						10 M	20 @ 30	
TXE-125B	18.5	27 x 14 x 42	20.5	27 x 14 x 55	30	6 M & 20 D	30 @ 60	D
						9 M & 20 D	30 @ 40	
					25	13 M & 25 D	20 @ 40	
						17 M & 20 D	20 @ 30	
TXE-311B	26	17dia x 55	21	17dia x 67	30	9 M & 20 D	30 @ 60	E
						14 M	30 @ 40	
					25	19 M & 20 D	20 @ 40	
						2 Y & 20 D	20 @ 30	
TXF-311B	26	17dia x 55	21	17dia x 67	40	6 M	50 @ 60	E
						8 M & 25 D	50 @ 40	
TXE-315B	36	17dia x 85	31	17dia x 97	30	21 M & 5 D	30 @ 60	E
						2 Y & 6 M	30 @ 40	
					25	3 Y & 6 M	20 @ 40	
						4 Y & 6 M	20 @ 30	
TXF-315B	36	17dia x 85	31	17dia x 97	40	13 M	50 @ 60	E
						19 M	50 @ 40	
TXE-317B	70	17 x 85 x 31	67	17 x 93 x 30	30	3 Y & 6 M	30 @ 60	F
						5 Y	30 @ 40	
					25	7 Y	20 @ 40	
						9 Y	20 @ 30	
TXF-317B	70	17 x 85 x 31	67	17 x 93 x 30	40	2 Y & 2 M	50 @ 60	F
						3 Y & 55 D	50 @ 40	
TXE-335B	90	28dia x 78	85	28dia x 90	30	3 Y & 10 M	30 @ 60	F
						5 Y & 6 M	30 @ 40	
TXF-335B	90	28dia x 78	85	28dia x 90	40	2 Y & 5 M	50 @ 60	F
						3 Y & 6 M	50 @ 40	
TXE-345B	145	36dia x 90	140	36dia x 100	30	8 Y & 8 M	30 @ 60	F
						12 Y & 6 M	30 @ 40	
TXF-345B	145	36dia x 90	140	36dia x 100	40	5 Y & 5 M	50 @ 60	F
						7 Y & 11 M	50 @ 40	
Model	Weight [gr] for R - Round rope (holes)	Housing dimensions [mm] (dia=diameter) for R -Round rope (holes)	Weight [gr] for F -Flat rope (metal buckles)	Housing dimensions [mm] (dia=diameter) for F -Flat rope (metal buckles)	RANGE vs LIFE			PRICE
					Range Without obstacles [km]	Lifetime (D- Days; M-Months; Y-Years)	Pulse width [ms] @ Pulses Per Minute	

**Sensors:**

- TXB Models: No sensors available.
- TXE & TXF Models: Any of the following sensors available:
  - Activity / Inactivity
  - Mortality
  - Position

**Activation:**

- By removing a magnet.
- TXB-001 to TXB-004, TXB-110 & TXE-110: Activation is made by soldering two wires. Activation by magnet can be included but this will cause a small increase in weight and dimensions.

**Weight and dimensions:**

- Dimensions include electronics, battery, housing and attachment (holes or buckles). Do not include antenna.
- Weight includes all parts forming the system.

**Range:**

- Without obstacles or LOS (Line of Sight). Detection range under ideal conditions including there are no obstacles between the transmitter and the receiving antenna.

**Lifetime:**

- Life is calculated over a mean temperature of 20° C (68° F).

**Refurbishment:**

- Once used, all our models are susceptible of refurbishment for a fraction of the cost of a new one.

**Frequencies:**

- Any frequency between 148 and 174 MHz. Frequencies between 216 to 222 MHz available except on models which start with TXB-0.

**Warranty:**

- Same time as estimated battery lifetime; minimum 2 months, maximum 18 months.

**Price:**

In order to get the price list please follow this link:

<http://www.telenax.com/English/Products/Prices.pdf>