

COLLAR



TXB-007CB

TXE-120CL

TXE-207CP

TXE-311CM

TXE-311CB

TXF-335CB

There are 4 main types of collars:

CB - Collar with Belting: Standard for most terrestrial mammals. Depending on the size of the animal is the width and material of the belting. Sample pictures: TXB-007CB, TXE-311CB, TXF-335CB

CL - Collar with Cable Loop: Good option when the risk of belting break is high. Stainless steel cable surrounds the neck so it works as the belting. Sample picture: TXE-120CL

CM - Collar for Primates: Monkeys are very smart and strong. They are good in removing collars that use nuts and screws. Belting is made of stainless steel ball chain. Sample picture: TXE-311CM

CP - Collar reinforced for Parrots: Housing is reinforced and either Cable Loop or Stainless steel ball chain is used as parrots tend to destroy their transmitters because of their very strong peak. Sample picture: TXE-207CP. ** If stainless steel ball chain is used please add 0.2 grams per centimeter of neck's circumference.

Other designs available upon request at no extra charge. E.g. Porcupines

Model	Weight [gr]			Housing Dimensions [mm] (dia=diameter) for: B = Belting; L = Cable Loop; M = PriMates	Weight for: P - Parrots (reinforced housing)	Housing Dimensions [mm] (dia=diameter) for P - Parrots	RANGE vs LIFE			PRICE
	B = Belting	L = Cable Loop	M = PriMates (ball chain)				Range Without obstacles [km]	Lifetime (D- Days; M- Months; Y- Years)	Pulse width [ms] @ Pulses Per Minute	
TXB-005C	2.5	1.7	N/A	15x9x9	N/A	N/A	4	50 D	25 @ 40	C
TXB-006C	3.1	2.3	N/A	15x11x8	N/A	N/A	4	80 D	25 @ 40	C
TXB-007C	4.1	3.7	3.4 + 0.2 gr/cm	19x10x10 --o-- 10dia x 17	N/A	N/A	4	4 M & 15 D	25 @ 40	B
TXB-008C	5	5.4	4.8 + 0.2 gr/cm	22x14x10 (V) -o- 13dia x 12	N/A	N/A	4	7 M & 5 D	25 @ 40	B
TXB-009C	5.8	6.2	5.6 + 0.2 gr/cm	24x14x9 (V) -o- 14 diax14	6.7 **	25x15x10 (V) -o- 15 diax15	4	10 M & 25 D	25 @ 40	B
TXB-110C	3.5	3.1	2.6 + 0.2 gr/cm	19 x 9 x 8 (V) -o- 12dia x 13	N/A	N/A	20	27 D	25 @ 40	B
TXE-110C	3.7	3.3	2.8 + 0.2 gr/cm	19 x 11 x 8 (V) -o- 12dia x 14	N/A	N/A	30	9 D	30 @ 40	B
							25	14 D	20 @ 40	
TXB-112C	3.7	3.5	3.1 + 0.2 gr/cm	14 x 14 x 8 (V)	N/A	N/A	20	45 D	25 @ 40	C
TXE-112C	3.9	3.7	3.3 + 0.2 gr/cm	15 x 16 x 8 (V)	N/A	N/A	30	15 D	30 @ 40	C
							25	22 D	20 @ 40	
								28 D	20 @ 30	

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	B = Belting	L = Cable Loop	M = PriMates (ball chain)				Range Without obstacles [km]	Lifetime (D- Days; M- Months; Y- Years)	Pulse width [ms] @ Pulses Per Minute	
TXB-116C	10	5.7	5.2 + 0.2 gr/cm	18dia x 9 -o- 27 x 18 x 7	6.3 **	19dia x 10	20	4 M	25 @ 40	C
TXE-116C	10.2	5.9	5.6 + 0.2 gr/cm	18dia x 11 -o- 29 x 18 x 7	6.5 **	19dia x 12	30	31 D	30 @ 60	C
							25	45 D	30 @ 40	
								65 D	20 @ 40	
TXB-120C	11.7	7.5	6.8 + 0.2 gr/cm	21 dia x 9	7.9 **	22 dia x 10	20	7M & 10 D	25 @ 40	C
TXE-120C	12.4	7.4	7.5 + 0.2 gr/cm	21 dia x 10	7.9 **	22 dia x 11	30	50 D	30 @ 60	C
							25	73 D	30 @ 40	
								3 M & 15 D	20 @ 40	
TXE-203C	15	9.5	10 + 0.2 gr/cm	19 x 19 x 14	13.5 **	22 x 21 x 13	30	4 M & 15 D	20 @ 30	D
							25	70 D	30 @ 60	
								3 M & 10 D	30 @ 40	
TXE-304C	14	10	10.5 + 0.2 gr/cm	12dia x 34	14 **	15dia x 37	30	4 M & 25 D	20 @ 40	D
							25	6 M & 5 D	20 @ 30	
								95 D	30 @ 60	
TXE-207C	18	13.5	15.5 + 0.2 gr/cm	20 x 29 x 13	23 **	32 x 25 x 14	30	4 M & 15 D	30 @ 40	D
							25	6 M & 15 D	20 @ 40	
								8 M & 10 D	20 @ 30	
TXE-124C	18	13	15.5 + 0.2 gr/cm	27dia x 11	23 **	28dia x 12	30	5 M	30 @ 60	D
							25	7 M & 7 D	30 @ 40	
								10 M & 10 D	20 @ 40	
TXE-125C	22	16.5	N/A	27dia x 14	N/A	N/A	30	13 M & 10 D	20 @ 30	D
							25	6 M & 20 D	30 @ 60	
								9 M & 20 D	30 @ 40	
TXE-311C	30	N/A	20 + 0.8 gr/cm	17dia x 40	30 **	20dia x 44	30	13 M & 20 D	20 @ 40	E
							25	17 M & 20 D	20 @ 30	
								9 M & 20 D	30 @ 60	
TXF-311C	30	N/A	20 + 0.8 gr/cm	17dia x 40	30 **	20dia x 44	40	14 M	30 @ 40	E
							25	8 M & 25 D	50 @ 40	
								21 M & 5 D	30 @ 60	
TXE-315C	55 - 90	N/A	30 + 0.8 gr/cm	17dia x 68	N/A	N/A	30	2 Y & 20 D	20 @ 30	E
							25	2 Y & 6 M	30 @ 40	
								3 Y & 6 M	20 @ 40	
TXF-315C	55 - 90	N/A	30 + 0.8 gr/cm	17dia x 68	N/A	N/A	40	4 Y & 6 M	20 @ 30	E
							25	13 M	50 @ 60	
								19 M	50 @ 40	
TXE-317C	80 - 120	N/A	N/A	17 x 63 x 30	N/A	N/A	30	3 Y & 6 M	30 @ 60	F
							25	5 Y	30 @ 40	
								7 Y	20 @ 40	
TXF-317C	80 - 120	N/A	N/A	17 x 63 x 30	N/A	N/A	40	9 Y	20 @ 30	F
							25	2 Y & 2 M	50 @ 60	
								3 Y & 55 D	50 @ 40	
TXE-335C	130 - 220	N/A	N/A	35dia x 74	N/A	N/A	30	3 Y & 8 M	30 @ 60	F
							25	5 Y & 6 M	30 @ 40	
								2 Y & 5 M	50 @ 60	
TXF-335C	130 - 220	N/A	N/A	35dia x 74	N/A	N/A	40	3 Y & 6 M	50 @ 40	F
							25	8 Y & 8 M	30 @ 60	
								12 Y & 6 M	30 @ 40	
TXE-345C	300 - 500	N/A	N/A	42dia x 86	N/A	N/A	30	5 Y & 5 M	50 @ 60	G
							25	7 Y & 11 M	50 @ 40	
								7 Y & 11 M	50 @ 40	
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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 and housing. Do not include belting or 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>