

Description of Operations

FCC ID: MRXGMX272AM

IC: 2546A-GMX272AM

Consumer Use Modes	Manufacturing & Service Modes	Mode of Operation	Explanation	Frequency of Transmission
X		Roll Mode (Drive Mode)	Transmitter in normal operation – wheel is rotating and shock sensor is closed	6 words every 60 seconds
	X	Learn Mode	Transmits after LF transponder activation or when sensor exits Off Mode due to pressure delta	16 words whenever LF activation occurs
	X	Factory Mode	Transmitter is in Factory Mode for the next 15 or fewer shock sensor closures after a learn activation. The wheel has to be rotating (shock sensor closed)	6 words every 30 seconds
X	X	Stationary Mode	Transmitter enters mode after Factory Mode or Drive Mode – wheel is not rotating – vehicle is stopped	No transmission
X		Wake Mode	Transmits when sensor transitions from Stationary Mode to Drive Mode due to shock sensor switch closure	6 words on mode change
X	X	Off Mode	Transmits when sensor transitions to Off Mode	6 words on mode change
X		Low Battery Mode	Transmits as normal with low battery bit set	6 words when low battery occurs in Roll Mode
X		Re-measure Mode	Transmits when a pressure delta is detected	6 words when pressure delta occurs
X	X	Sleep Mode	All of the time between other modes	No transmission