



PRODUCT SPECIFICATION			
PART NO.:	BB-2		
DESCRIPTION	Battery Powered Signal Booster – Gen2		
DOCUMENT NO.:	SP-BB-2-A	ISSUE:	A

## PRODUCT INTRODUCTION

This document details the technical specification for the following product: **Battery Powered Signal Booster – Gen 2 (BB-2)**. The Signal Booster is an easy to install, RF signal booster for use on longer vehicles or vehicles where signal shielding is occurring. The unit works by boosting RF signals from all compatible Wheely Safe Sensors (TPMS and Wheel Loss).

## PRODUCT APPEARANCE AND DIMENSIONS

Appearance - Top	Appearance - Side	Dimensional
		<b>Length = 154mm</b> <b>Width = 85mm</b> <b>Height = 45mm</b> <b>Weight = 330g</b>

## TECHNICAL SPECIFICATIONS

General Specification			
Product		Battery Powered Signal Booster - Gen 2 (BB-2)	
HF Frequency		433.92MHz	
Frequency Stability		≤±20KHz	
Modulation Frequency		9.6KHz	
Modulation Type		FSK	
Modulation Power		Boosts low power signal to a range of 8m+	
Ingress Protection Rating		IP67	
Operation Voltage		2 - 3.6V	
Battery Capacity Composition		3 x 3.6 Volt 9,000 mAh LiSOCl2 cells	
Operating Temperature		-40°C to 80°C	
Storage Temperature		-40°C to 85°C	
Battery Life		3-5 Years	
Company	Sign	Company	Sign
Wheely Safe	<i>G Broadfield</i>	Autotech	<i>S Chen</i>