

BLUETOOTH ACCELEROMETER VIBRATION ISOLATOR PRO

DESCRIPTION

The bluetooth accelerometer has been developed to work in conjunction with the AMCMECANOCAUCHO® free of cost app Vibration Isolator Pro for Android and iOS.

This equipment can provide an immediate vibratory analysis in the frequency domain, by connecting it to an Android or iOS mobile phone or tablet.

The application will guide the user along several steps in order to complete the analysis in an easy way.



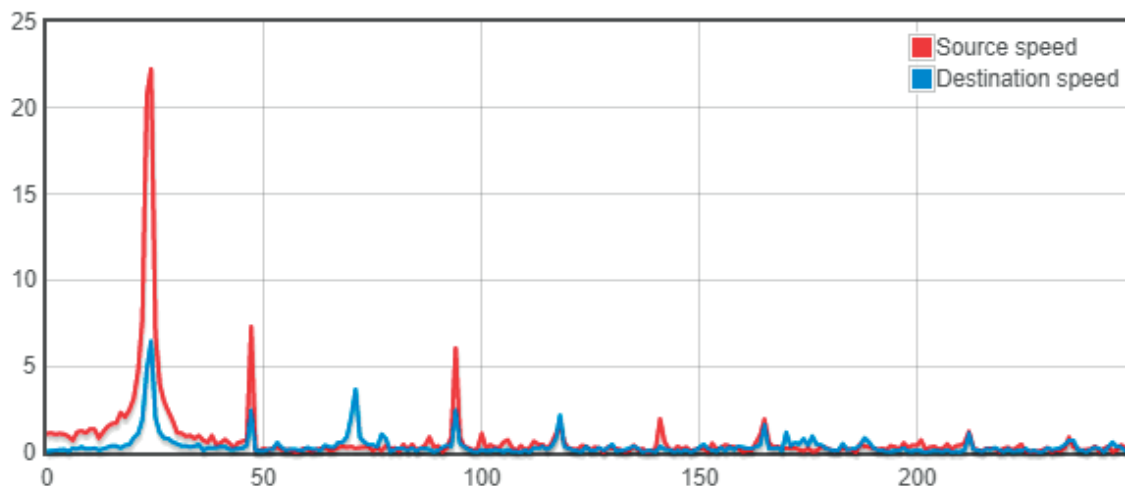
ADVANTAGES

- Compact design
- 3 axis accelerometer
- DC to 500Hz useful bandwidth
- Low noise
- iOS and Android compatible



Mount 1 Z: Vibration Speed (mm/s) vs. Frequency

108 * AMC S.A. reserves the right to modify the design and manufacture of the materials presented in this catalogue without prior notice.



* In order to adapt its products to the state of the art, AMC, S.A. reserves the right to modify the conception and manufacture of the materials presented in this catalogue without prior notice

SPECIFICATIONS

Acceleration Range	± 10g
Lower frequency limit	0Hz
Upper frequency limit	500Hz
Sensor technology	MEMS
Output Units	mm/s
Sampling rate	1024 kHz
Dimension	41 x 33 x 23 mm
Weigth	48 g
Case Material	Aluminium, plastic
Operating temperature range	-20 to 60°C
Residual Noise density	80 µg/v/Hz rms
Sensibility	19 µg/LSB
ADC Resolution	20 Bits
Cross Axis sensitivity	1,50%
Maximum permissible acceleration	500g
Wireless protocol	Bluetooth LE 4.2



Type	CODE
Bluetooth VIP Accelerometer	711062



VIDEO TO
KNOW THE
NEW
APPLICATION

