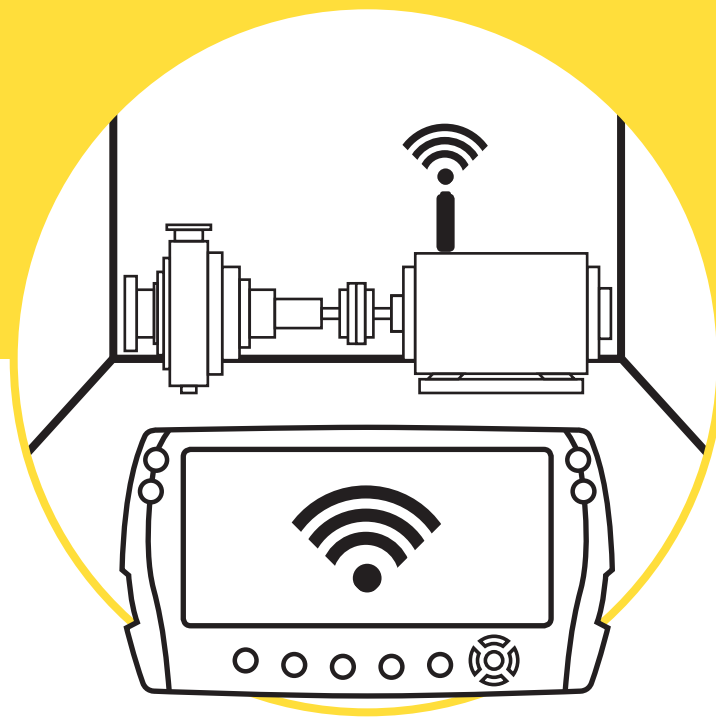


FRONTIER

PORTABLE WIRELESS VIBRATION DATA COLLECTION

Faster, Safer & Easier
Works with any Data Collector & Accelerometer
+ adds Bluetooth® audio



YOUR OVERVIEW



Simply attach the Sender to the accelerometer and the Receiver to the data collector for faster, safer and completely wireless data collection with any brand of data collector.



Listen to the vibration via the Bluetooth® output to Headphones.



Now that I have the Frontier wireless sensor in my pocket, my job is safer and easier

I no longer have to manage where my cable is, now I just position the accelerometer and stand comfortably collecting data.”



SPECIFICATION	VALUE	NOTES
Compatible Sensors	Any 2-pin IEPE/ICP® Accelerometer	Unity Gain – Compatible with any sensor sensitivity. Frontier 100mV/G sensors optionally available
A – D Conversion	24 bit ADC	Precision that matches or exceeds your data collector
Sampling Rate	128kHz	Continuous high-resolution sampling
FMax	40 kHz	
Frequency Response	[0-2kHz] +/- 3.8dB [2-10kHz] +/- 1.6dB	Compared to standard accelerometer cable Absolute
Maximum Receiving Distance	5m	Line of sight
Battery Type / Operating Time	Li-ion(Sender), Li-Po(receiver) 10 + Hours	Complete charge – 2 Hrs via USB-to-magnetic charge connector
Listening Amplifier	Compatible with Bluetooth® wireless headphones (not included)	Headphones must support the Bluetooth A2DP Profile
Audio Filter	2kHz High Pass Filter	Switchable on/off
Mechanical – Sender	37mm Ø x 96mm (incl. accelerometer connector) 190g (6.7oz)	Connects to Accelerometer via 2-pin IEPE/ICP-type Mil Spec Connector
Mechanical – Receiver	56mm x 80mm x 22mm 96g (3.4oz)	Connects via female BNC
Pigtail cable	200mm incl. connectors (nominal)	Connects Receiver to Vibration Analyser. Specify your Analyser make & model when ordering



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