



CONNECTION TECHNOLOGY CENTER, INC.



PROTECTION & RELIABILITY INSTRUMENTS



**WHY GO  
WIRELESS?**

# THE POWER OF CONNECTIVITY

When Connection Technology Center (CTC) was founded more than a quarter of a century ago, Todd and Laura Cook set out to provide the best, most durable cables on the market.

Why? Because a confident connection for effective data transmission is at the crux of vibration analysis. Without a reliable connection to your vibration analysis hardware, data can be lost or flawed, leading to inaccurate readings.

Now, CTC is proud to offer customers a new, cutting-edge way to connect their permanent monitoring installations.

The **PRO Line WA100 Wireless Series** features industrial wireless transmitters and customized software to enable seamless data collection without the need for standard connectors, cabling, or junction boxes.

We not only offer you the highest quality products on the market, but we also offer you unmatched service and peace of mind for the lifetime of your CTC Line product.

We wouldn't have you do business any other way.



A handwritten signature in black ink that reads "Todd Cook".

TODD COOK  
Co-owner



A handwritten signature in black ink that reads "Laura A. Cook".

LAURA COOK  
Co-owner



A handwritten signature in black ink that reads "Andrew Cook".

ANDREW COOK  
Director  
of Sales



A handwritten signature in black ink that reads "Charlotte Cook".

CHARLOTTE COOK  
Director of  
Marketing

# HOW IT WORKS

**LEARN ABOUT HOW THE PRO LINE WA100 WIRELESS SERIES CAN HELP WITH YOUR PERMANENT VIBRATION MONITORING NEEDS**

Unlike competitor wireless sensors, CTC offers the PRO Line Wireless Transmitter that works in conjunction with standard CTC Low Power Sensors - AC312 and AC314.

As compared to all-in-one wireless sensors, this two-part design ensures reliable readings as the internal design of the sensors are not altered to accommodate wireless connectivity.

As a result, consumers are able to take advantage of our quality, shear mode accelerometer design inside a rugged, stainless steel case for maximum environmental protection.



**WA102-1A  
WIRELESS  
TRANSMITTER**



**AC312-1A  
LOW POWER  
SENSOR**



**AC314-1A  
LOW POWER  
SENSOR**

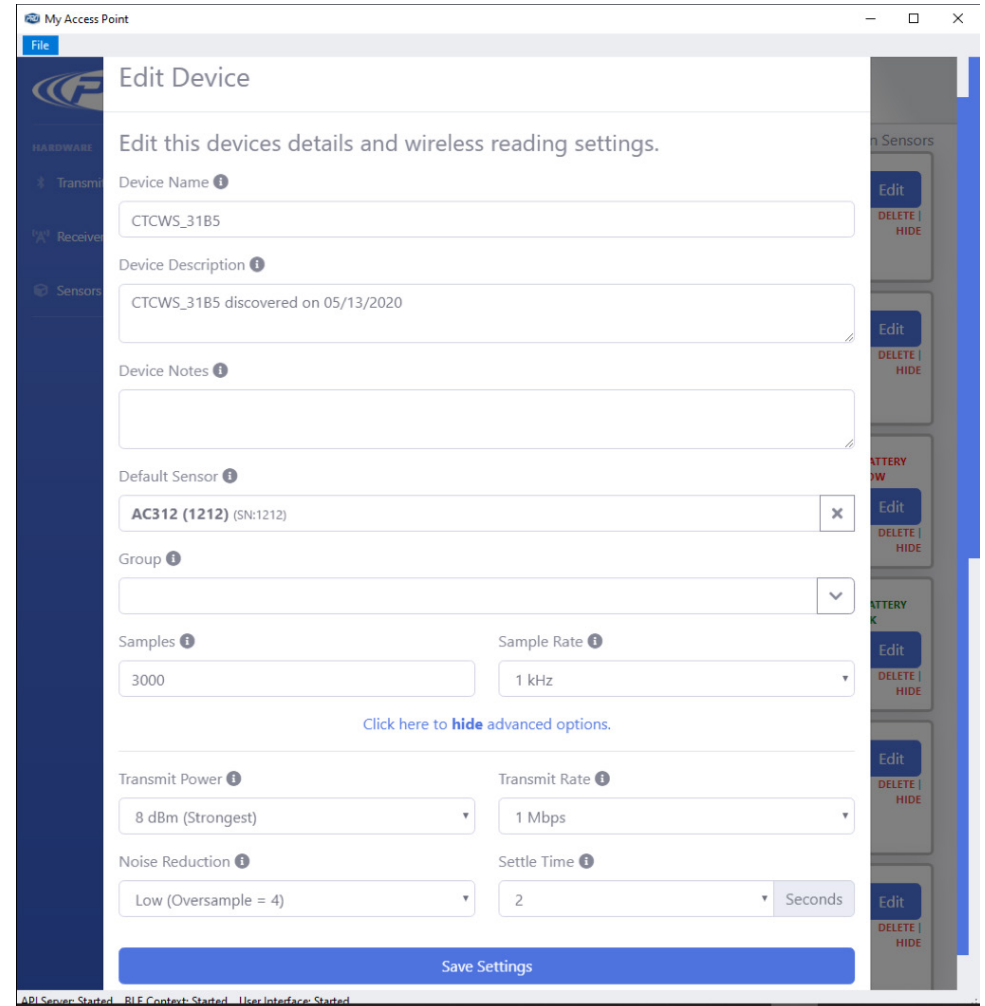


**WA100-TAB WIRELESS TABLET**

The transmitter is then attached to the sensor and replaces standard connector / cabling. Using Bluetooth technology, data can be sent to the PRO Line WA100-TAB Wireless Tablet within a 150 ft. line-of-sight range. Users can also use the tablet to nickname transmitters, create similar groups according to monitoring application, and configure reading settings for customized data collection.

# HOW IT WORKS ((o))

LEARN ABOUT HOW THE PRO LINE WA100 WIRELESS SERIES CAN HELP WITH YOUR PERMANENT VIBRATION MONITORING NEEDS



# THE CTC DIFFERENCE

*LEARN WHAT SETS THE PRO LINE WIRELESS SERIES APART FROM THE COMPETITORS:*



WITH CTC'S OPEN NETWORK WIRELESS SOFTWARE, USERS OWN THEIR DATA



DATA IS NOT STORED IN A CLOUD, AND THERE ARE NO RECURRING SOFTWARE FEES



DATA CAN BE EXPORTED AND STORED IN WHATEVER WAY THE USER SEES FIT



THE WA100-TAB COMES PRELOADED WITH WIRELESS SOFTWARE WHICH ELIMINATES COMPLICATED SOFTWARE INSTALLS FOR EASE OF USE

# WIRED vs. WIRELESS ((o))

## COMPARE THE BENEFITS OF WIRED VS. WIRELESS MONITORING IN INDUSTRIAL ENVIRONMENTS

### WIRED

There are still many benefits to traditional permanent monitoring installations. In fact, it remains a more cost effective way of condition monitoring in extreme temperature environments, hazardous locations, and areas where there is not a clear line of sight for Bluetooth connectivity.

### WIRELESS

Wireless monitoring is an alternative solution to wired monitoring that can help lower costs for many installations where long cable runs might be required.

Additionally, wireless monitoring can be used in hard to reach places where extra engineering might be required to secure cabling.

In caustic environments where cables may be compromised over time, wireless transmitters also provide an innovative solution.

The fully-molded design of the wireless transmitter allows for a wide variety of industrial applications across many industries.

The wireless transmitter features a non-replaceable battery with an estimated 4+ years of battery life when taking two or fewer readings per day under standard operating temperatures.

Wireless transmitters can be used in conjunction with your current monitoring system - there's no limit to the number of transmitters that can be used with the CTC software.





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# CONTACT CTC

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*CTC IS HERE TO HELP WITH YOUR VIBRATION ANALYSIS NEEDS*

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