



Model JL2 Job Link Transmitter



Get Started

- 1 Charge the JL2 (see charging instructions below).
- 2 Find and install the "Fieldpiece Job Link" app onto your mobile device from its app store.



Hardware Requirements

Latest compatibility list is at www.fieldpiece.com

- 1 **Fieldpiece Wireless Tool:**
SDP2, SMAN460, SMAN440, SMAN4
- 2 **Mobile Internet Device:**
iPhone® 4S or later, iPad Mini®, iPad® 3rd generation or later, iPod Touch® 5th generation or later



[Watch the Video!](#)

Charge the JL2

- 1 Plug the small end of the included USB cable into the mini-USB port located at the bottom of the JL2.
- 2 Plug the large end of the USB cable into a USB power adapter or a computer USB port.



- Red blinking LED:** Low battery. Time to recharge!
- Amber blinking LED:** Battery is charging.
- LED turns off:** Battery is fully charged.

Register Your Job Link Account

- 1 Tap Register on the intro screen of the app and follow the simple registration process.
- 2 Once registered, you will be signed-in to the app and taken to My Jobs.



Jobs and Units

The Job Link app is organized as shown in the steps below.

- 1 **Jobs** are added to your account.
- 2 **Units** are added to a job.
- 3 Inspection checklists, live measurements, diagnostics, and reports are added to a unit.

Get Live Measurements

After you add a unit to a job, you can set up your Fieldpiece tools to send measurements to the Job Link app. Your tools connect to the JL2 and the JL2 connects to your mobile device.

Connect the JL2 to your mobile device

- 1 Make sure Bluetooth® on your device is enabled.
- 2 Select a job from My Jobs, then select a unit to get to the action screen for that unit (see right).
- 3 Tap Live Measurements.
- 4 Press the power button for 1 second to turn on the JL2. It will automatically connect (solid green LED) to your Bluetooth-enabled mobile device and you will be taken to the Measurements screen.



Power Button



Connect your SMAN to the JL2

- 1 Press SYNC on the JL2 to search for a wireless tool (LED blinks green).
- 2 Power on your SMAN and ensure it is not in Target Superheat mode.
- 3 With the JL2 still searching, press SYNC on your SMAN for 1 second. The search bars on the SMAN will move until a connection is made.

Connect your SDP2 to the JL2

- 1 Press SYNC on the JL2 to search for a wireless tool (LED blinks green).
- 2 Power on your SDP2.
- 3 With the JL2 still searching, press SYNC on your SDP2 for 1 second. The search bars on the SDP2 will move until a connection is made.

Note: The JL2 will continue to search for a short time even after the first tool is connected. During this time you may sync a second wireless tool without pressing SYNC on JL2.
 Note: Model SMAN4 needs to have the latest firmware installed to use with Job Link. You can find the latest firmware free to download at www.fieldpiece.com

Return Air		Supply Air	
63.2 °F	57.9 °F		
Wet Bulb	Target Dry Bulb		
77.8 °F	57.5 °F		
Dry Bulb	Dry Bulb		

Suction Line		Liquid Line	
51.4 °F	100.4 °F		
Temperature	Temperature		
126.9 Psig	385.4 Psig		
Pressure	Pressure		
12.5 °F	12.6 °F		
Actual Superheat	Actual Subcooling		
3.5 °F	12.0 °F		
Target Superheat	Target Subcooling		
43.7 °F	113.7 °F		
Vapor Saturation	Liquid Saturation		
95.4 °F	R-410A		
Outdoor Dry Bulb	Refrigerant Type		

Measurements Screen

Live measurements from your SDP2 will show at the top section of the screen. Live Measurements from your SMAN will be shown at the bottom section.

Wireless signal strength to the JL2 and battery life of the tool is shown also. Keep the JL2 in range of both instruments to see live measurements.

See Diagnostics and Reporting options within the Job Link app for further instructions.

Wireless Tips

- 1 You can connect your wireless tools to JL2 in any order, just not at the same time.
- 2 Once your wireless SMAN and SDP2 have been synced to the JL2, they will automatically re-sync to JL2 when turned back on. Turn on JL2 first, then your Fieldpiece wireless tools to avoid any unnecessary searching by the tools.
- 3 You can use a new SMAN or SDP2 with Job Link by syncing the new tool. Job Link automatically de-syncs the previous tool.
- 4 In European wireless mode, the green and blue LEDs are swapped.
- 5 To de-sync all tools from your JL2, press SYNC for 5 seconds (LED blinks blue once).
- 6 Only one SMAN and/or one SDP2 can be synced to a JL2 at a time.
- 7 Building materials may degrade any RF signal and adversely affect the wireless range of Fieldpiece tools to JL2.
- 8 For the highest performance, we recommend using only one JL2 set-up per job site.

Specifications

Wireless range: 1 to 100 feet (Fieldpiece tools to JL2); 1 to 30 feet (JL2 to mobile device).

Building materials may adversely affect wireless distance.

Initial sync setup range: 1 to 10 feet (Fieldpiece tools to JL2)

Mini-USB port: For charging and updating device firmware.

Operating (discharge) environment: 32°F to 122°F (0°C to 50°C) at <85% RH

Storage temperature: -4°F to 140°F (-20°C to 60°C), at <85% RH

Battery charging environment: 32°F to 113°F (0°C to 45°C), at <85% RH

Battery type: 3.7V rechargeable lithium-ion polymer battery

Battery life: 48 hours approx.

Auto power off: 30 minutes when not wirelessly connected.

Low Battery indication: Blinking red LED indicates

approximately 1 hour of battery life remaining.

Weight: 2.9 ounces (82 g)



FCC Compliance and Advisory Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, according to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 1 Reorient the receiving antenna.
- 2 Increase the separation between the equipment and receiver.
- 3 Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- 4 Consult the dealer or an experienced radio/TV technician for help.

Shielded interface cables must be used in order to comply with emission limits.

FCC Caution: To ensure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Limited Warranty

This meter is warranted against defects in material or workmanship for one year from date of purchase from an authorized Fieldpiece dealer. Fieldpiece will replace or repair the defective unit, at its option, subject to verification of the defect.

This warranty does not apply to defects resulting from abuse, neglect, accident, unauthorized repair, alteration, or unreasonable use of the instrument.

Any implied warranties arising from the sale of a Fieldpiece product, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the above. Fieldpiece shall not be liable for loss of use of the instrument or other incidental or consequential damages, expenses, or economic loss, or for any claim of such damage, expenses, or economic loss.

State laws vary. The above limitations or exclusions may not apply to you.

Obtaining Service

Email Fieldpiece warranty department at fpwarranty@fieldpiece.com to get an RMA and for current fixed price repair service. Send check or money order made out to Fieldpiece Instruments for the amount quoted. If your meter is under warranty there will be no cost for the repair/replacement. Send your meter, freight prepaid, to Fieldpiece Instruments. Send proof of date and location of purchase for in-warranty service. The meter will be repaired or replaced, at the option of Fieldpiece, and returned via least cost transportation.

For international customers, warranty for products purchased outside of the U.S. should be handled through local distributors. Visit our website www.fieldpiece.com to find your local distributor.