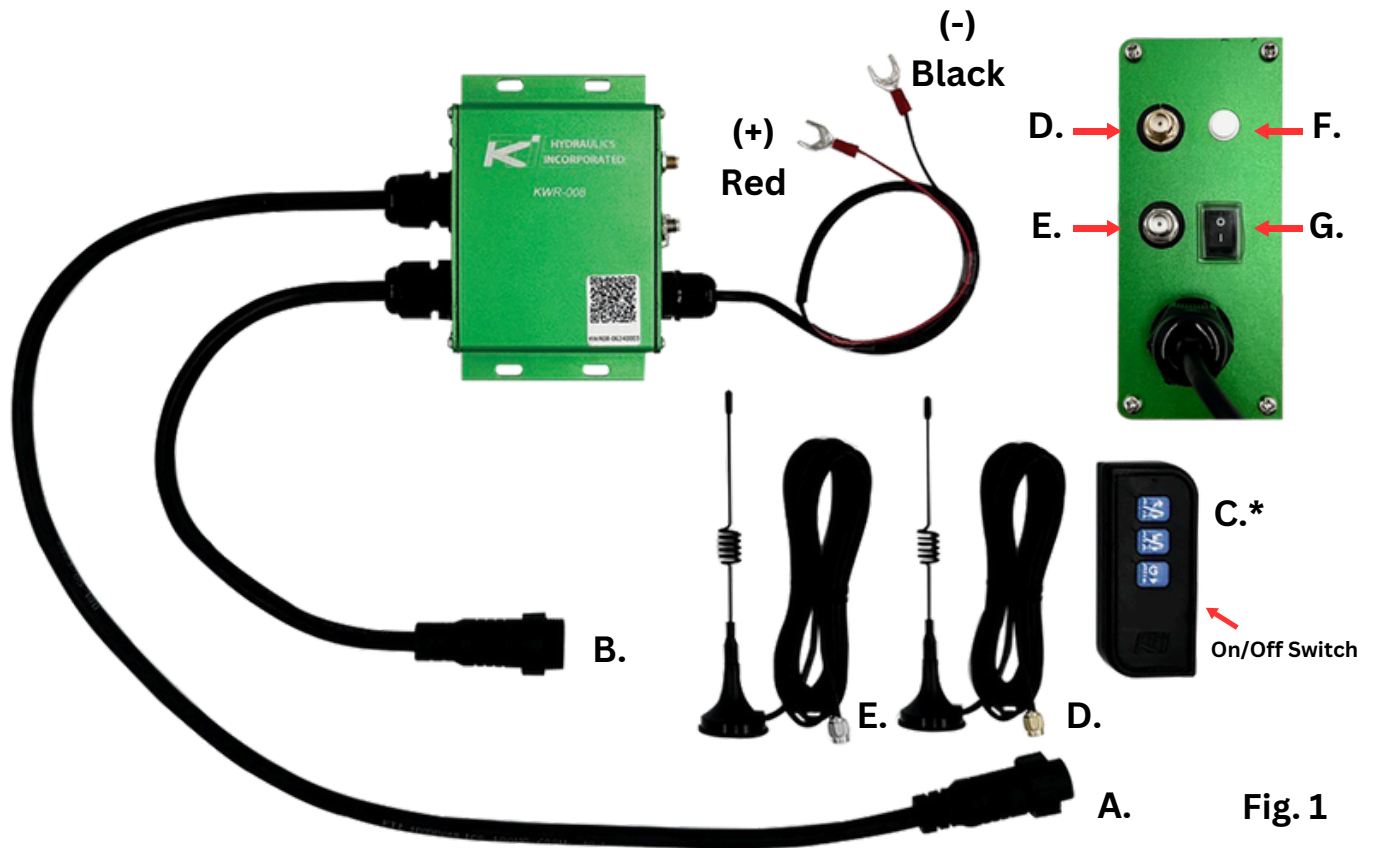


KWR Bluetooth Hydraulic Controller Instruction Manual

(Applies to KWR-005, KWR-006, KWR-007, and KWR 008 - * Remote Key Fob may differ depending on model)



- A.** Connect to handheld control **B.** Connect to HPU **C.** Key fob* **D.** Bluetooth Antenna (Gold)
E. RF Antenna (Silver) **F.** Key fob Pairing Button **G.** Power ON/OFF

Installation

1.) Mount Wireless Receiver.

- Select desired mounting location, preferably in a sealed box and away from motor.
- Antenna must be mounted outside of the box (as high as possible).

2.) Connect positive (Red Wire) & negative (Black Wire) spade terminals to battery.

- Connect (+) Red wire to the Start Solenoid terminal that is connected to the positive battery cable.
- Connect (-) Black wire to the negative (ground) terminal on the DC motor.

Note: Ensure the power unit is grounded directly to the negative terminal on the battery, which is the designated ground location.

3.) Disconnect handheld remote pendant from power unit and connect to KWR (Optional).

- Connect the handheld remote pendant to the wireless receiver (A in Fig 1.)
- Test handheld pendant function.


4.) Power on the KWR unit by activating the Power on switch (G in Fig 1.) on the side of the unit.

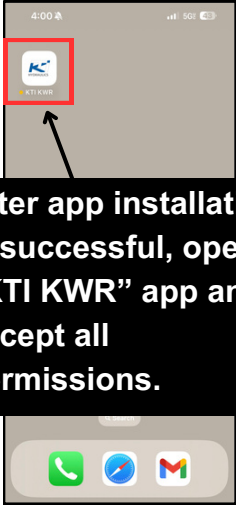
5.) Operate key fob to ensure proper functionality. See reverse page for Bluetooth pairing instructions.

***Please check if the serial number is in the pattern of “KWR##-MMYY####”.**
***If serial number follows above pattern, please scan the QR code in step 1 to download the App.**

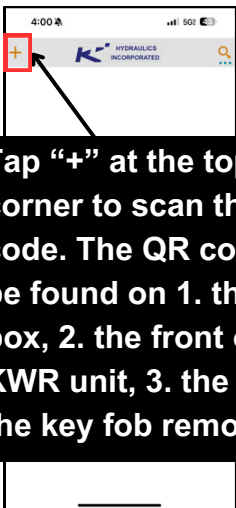
- 1**

Scan QR code to download and install KTI KWR App



- 2**




After app installation is successful, open “KTI KWR” app and accept all permissions.
- 3**

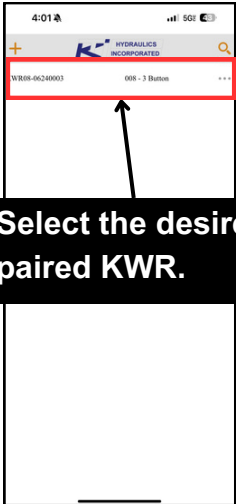


Tap “+” at the top left corner to scan the QR code. The QR code can be found on 1. the KWR box, 2. the front of the KWR unit, 3. the back of the key fob remote.
- 4**

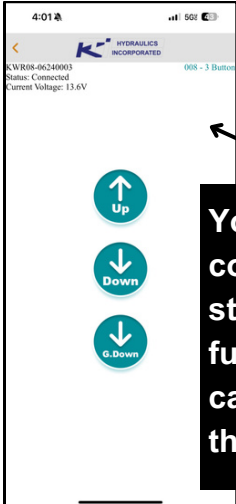

- 5**



When prompted, input the default pair code “123456” to complete pairing.
- 6**



Select the desired paired KWR.
- 7**

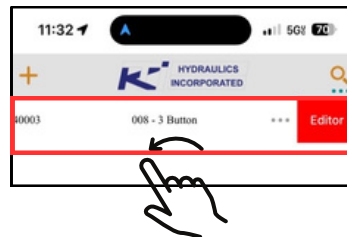


Your phone will show the control panel, connection status, system voltage, function icon. Now, you can test the function of the hydraulic power unit.

If Bluetooth pairing fails, turn the KWR unit OFF and then ON, and repeat the above steps.

Switch between key fob & KWR app

If you are using the KWR Bluetooth app, you cannot use the key fob remote.



If you want to assign a name to your device, on the device list screen, swipe left on the serial number of the KWR unit you wish to rename and select “Editor”.

Low voltage alarm - HPU Battery

When the power voltage is lower than 9V, the app control panel will be disabled, and your device will ring and vibrate at the same time. You may still use the handheld control. However, we do not recommend it because it may damage your power unit.

Sleep mode and waking up KWR

After 5 minutes of inactivity, the Bluetooth module will enter sleep mode. Press any button on the key fob to wake up the Bluetooth module when it is in sleep mode. You can also turn off and on the KWR unit to wake up the Bluetooth module.

Download the KWR extended manual on KTI’s website at <https://kti hydraulicsinc.com>