KTI HYDRAULICS INCORPORATED

397-8
KWR-005

397-9
KWR-006

397-10
KWR-007

397-11
KWR-008

Key Fob Extended Manual

For KWR-005, KWR-006, KWR-007, KWR-008

FCC 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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant 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:

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

—Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device has been evaluated to meet general FCC RF exposure requirement. The device can be used in portable exposure condition without restriction.

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Getting Started

Key Fob (for KWR-005 and KWR-008)
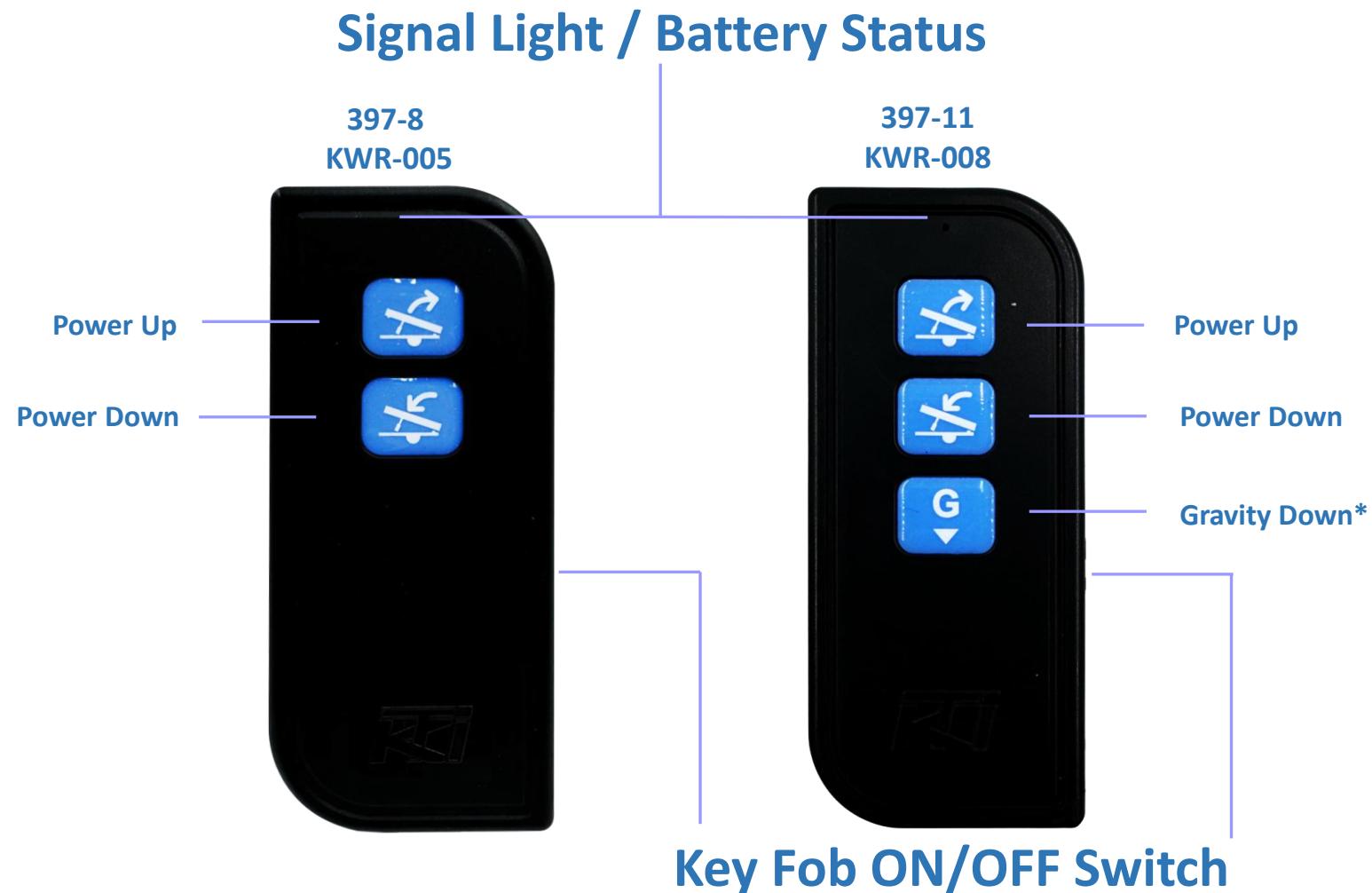
Signal Light / Battery Status

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Power Up

Power Down

Power Up

Power Down

Gravity Down*

Key Fob ON/OFF Switch

* Please consult your power unit's hydraulic schematic diagram to understand which functions are actuated when connected to the KWR unit

Key Fob (for KWR-006 and KWR-007)
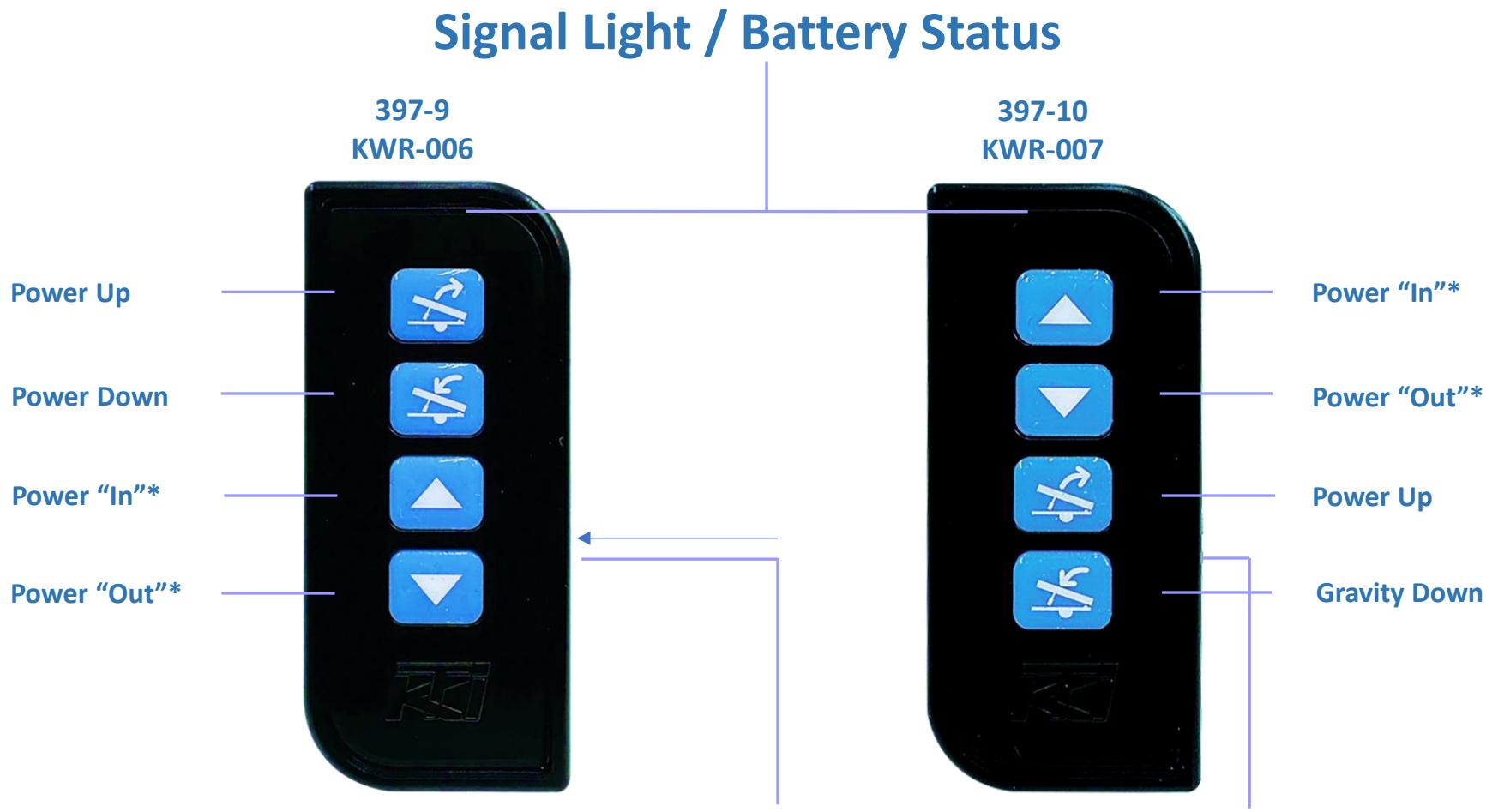
Signal Light / Battery Status

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Power Up

Power Down

Power "In"*

Power "Out"*

Power "In"*

Power "Out"*

Power Up

Gravity Down

Key Fob ON/OFF Switch

* Please consult your power unit's hydraulic schematic diagram to understand which functions are actuated when connected to the KWR unit

Key Fob – Right side View (all models)

Key Fob ON/OFF Switch*

Lanyard Loop
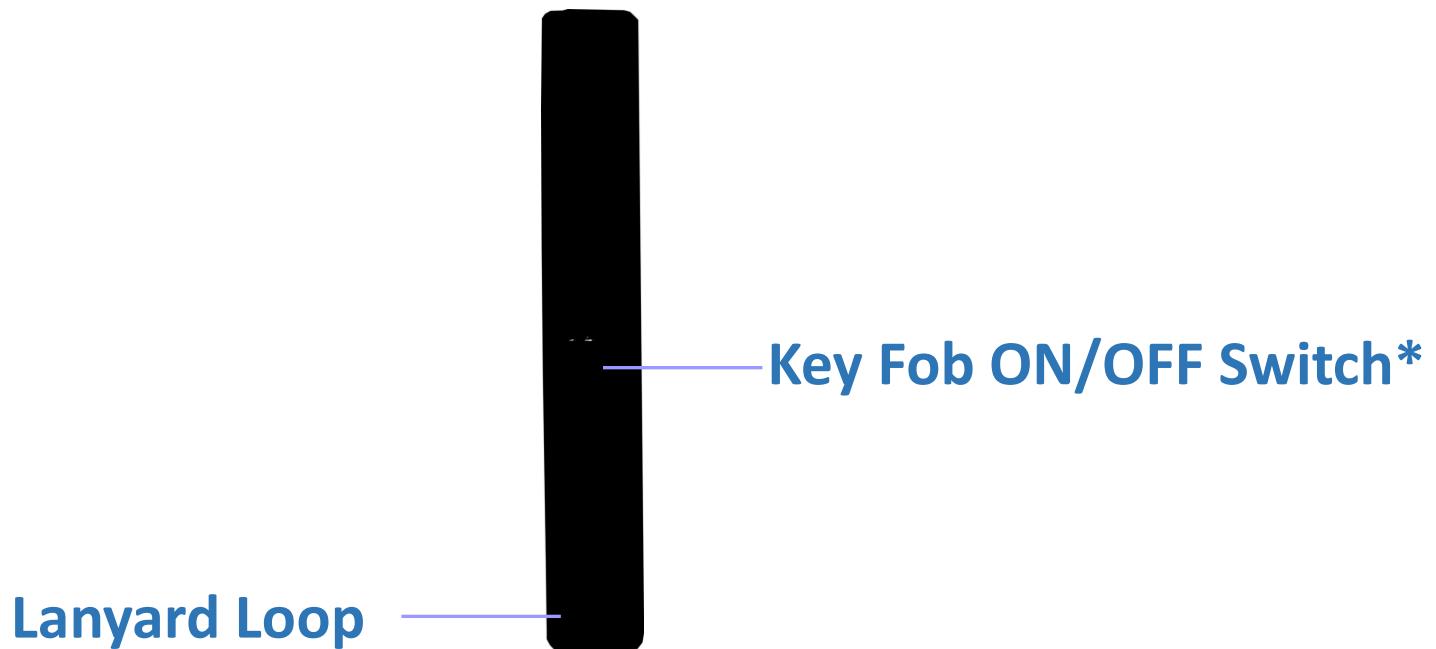
* We highly recommend switching the Key Fob to "OFF" when not in use

Key Fob Function

- **Power Up**: This will send a Power Up signal to the KWR unit

- **Power Down**: This will send a Power Down signal to the KWR unit

- **Signal Light / Battery Status**: When either the Power Up or Power Down button is pressed, this will have a solid light to indicate that the signal is being sent.
    - If the light is flashing while a button is pressed, it means the battery power is low and will need to be replaced soon

- **Key Fob ON/OFF Switch** – This is to switch the power to the Key Fob – *We recommend keeping the switch in the "OFF" position when the KWR unit is not being used.*

For KWR-006 / KWR-007*
- **Power "In"***: This will send a Power In signal to the KWR unit

- **Power "Out"***: This will send a Power Out signal to the KWR unit

- **Gravity Down*:** This will activate the Down signal without activating the pump

* Please consult your power unit's hydraulic schematic diagram to understand which functions are actuated when connected to the KWR unit

All Key Fob – Require 23A 12v alkaline battery

With battery installed

Using KWR with key fob

Basic Operation

- Make sure you are within 30 ft of the KWR unit with a clear line of sight. If you are outside 30 ft or do not have a clear line of sight, there may be difficulty in communicating with the KWR

- You cannot simultaneously use the KTI KWR app concurrently with the key fob
  - The KWR unit will favor the Bluetooth device if it successfully connected. You must close the KTI KWR app on your device if you wish to operate the KWR with the key fob

- **Sleep Mode** – If the KWR unit is powered on and left idle for 5 minutes, the indicator light will stop blinking green. Press any key on a key fob or cycle the power to wake up the unit

Pairing a new key fob with the KWR unit

If you want to pair an additional key fob to a single receiver.

1. Locate the Pair / Reset Button on the KWR device. Press and hold the button for **<u>3 seconds</u>**, then release it once the unit emits a beep and the indicator light turns orange

Pair/Reset Button
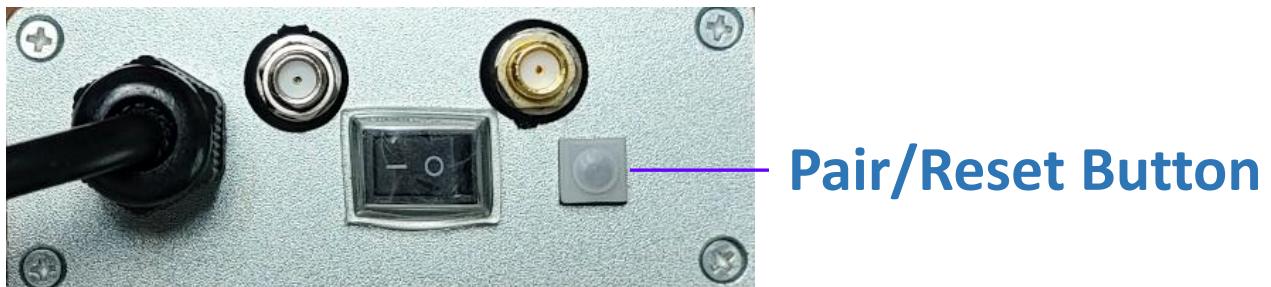
2. On the new key fob you wish to pair, press the Power Up or Power Down button several times until the unit responds.

3. The newly paired key fob should be able to communicate with the KWR device if the pairing was successful

Clearing KWR Memory of Previously Paired Key Fobs

1. Locate the Pair / Reset Button on the KWR device. Press and hold the button for **10 seconds** after the unit emits 2 beeps and the indicator light flashes orange twice.

Pair/Reset Button
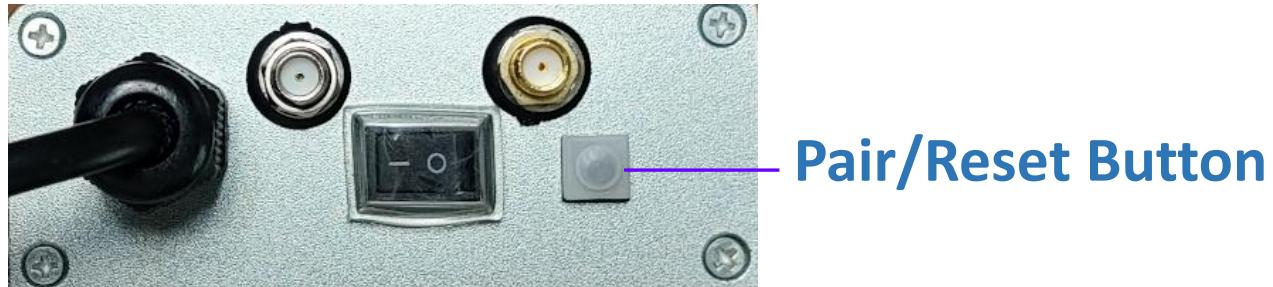
If the reset was successful, all previously paired key fobs will be unable to communicate with the KWR device

Troubleshooting

Basic Troubleshooting – Key Fob

KWR Power On?

Indicator light not blinking →

Check the following
1) KWR power switch is on.
2) Secure connection to a power source with 9V-36V

Indicator light blinks green

Pair key fob to KWR

Cannot pair →

1) Check your key fob power (on the right side of key fob) is switched to on
2) Check if the battery in the key fob is functioning
3) Make sure you have disconnected the device from the app

Successfully Paired

Operation of KTI Hydraulic Power Unit (HPU)

HPU doesn't work →

Check wiring connection
1) Check to see if KWR makes a clicking sound when either the Power Up or Power Down button on the key fob / Bluetooth device is pressed
2) Make sure quick disconnect from KWR is securely connected to the quick disconnect from the HPU

HPU Works

Ready to use KWR with key fob