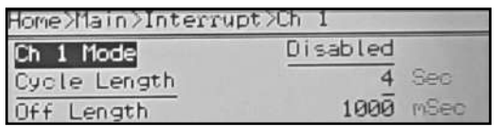
Pi-1 Quick Start Guide

1. Fully charge the Pi-1 with the supplied micro-USB cable and USB charger before use.
2. Power on the Pi-1 by pressing the power button ⏻. Press ← then → on the d-pad to unlock the Pi-1.
3. Wait for GPS status to change to “Synced”. This could take up to 12.5 mins. The Pi-1 will not interrupt unless the time lock signal is acquired.
4. Press and hold the power button ⏻ until the main menu appears. Select [Interrupt].

Internal Relay

1. Select [Ch 1].



2. Enable Ch 1 by selecting [Ch 1 Mode] and change from [Disabled] to [Internal].

3. Select an appropriate [Cycle Length] & [Off Length].

4. Press the [←] button to navigate back to the main screen.



5. Use the supplied red/black banana to alligator-clip cables to connect to Ch 1 on the left side of the Pi-1.

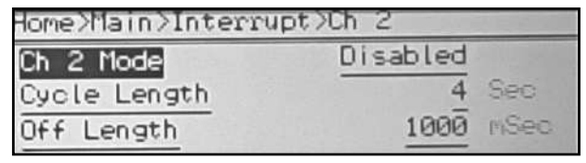


6. Connect the Pi-1 in series (like an ammeter) with the circuit that requires interruption.

Internal relay maximum rating: 20V/1A$_{AC/DC}$

External Relay

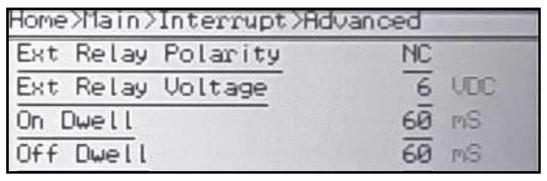
1. Select [Ch 2].



2. Enable Ch 2 by selecting [Ch 2 Mode] and change from [Disabled] to [External].

3. Select an appropriate [Cycle Length] & [Off Length].

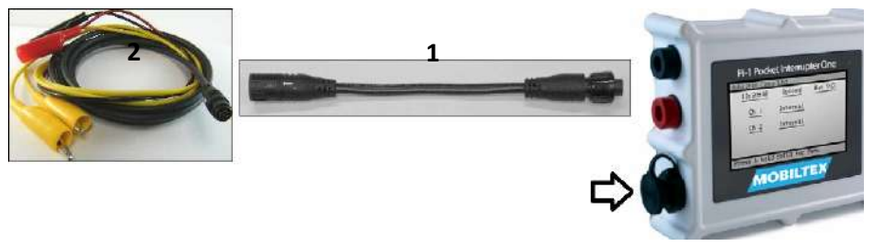
4. Press the [←] button and select [Advanced].



5. Configure Relay Polarity, Relay Voltage, and the Dwell times for the external relay you are using:

Option↓ / Relay type→	**Solid State**	**Mercury**
Polarity	NO	NC
Voltage	$6V_{DC}$	$12V_{DC}$
On/close Dwell	5ms	60ms
Off/open Dwell	5ms	45ms

6. Press the [←] button to navigate back to the main screen.



7. Connect the External Relay Cable (2) to the Pi-1 with the Multiport Adaptor Cable (1).

8. Connect the red and black leads to the control terminals of the external relay (check polarity if necessary).

9. If available, connect the yellow leads to a **6-20V$_{AC/DC}$** power source. This will charge the Pi-1 while in use (optional)

Pi-1 Quick Start Guide

1. Fully charge the Pi-1 with the supplied micro-USB cable and USB charger before use.
2. Power on the Pi-1 by pressing the power button ⏻. Press ← then → on the d-pad to unlock the Pi-1.
3. Wait for GPS status to change to “Synced”. This could take up to 12.5 mins. The Pi-1 will not interrupt unless the time lock signal is acquired.
4. Press and hold the power button ⏻ until the main menu appears. Select [Interrupt].

Internal Relay

1. Select [Ch 1].



2. Enable Ch 1 by selecting [Ch 1 Mode] and change from [Disabled] to [Internal].

3. Select an appropriate [Cycle Length] & [Off Length].

4. Press the [←] button to navigate back to the main screen.

5. Use the supplied red/black banana to alligator-clip cables to connect to Ch 1 on the left side of the Pi-1.

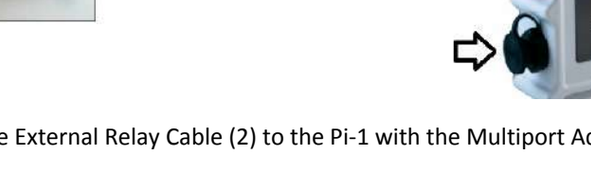


6. Connect the Pi-1 in series (like an ammeter) with the circuit that requires interruption.

Internal relay maximum rating: 20V/1A$_{AC/DC}$

External Relay

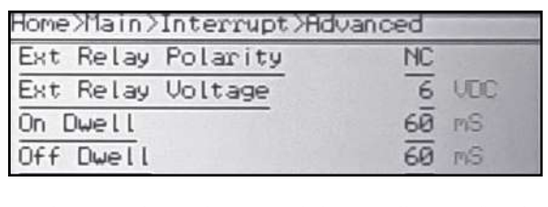
1. Select [Ch 2].



2. Enable Ch 2 by selecting [Ch 2 Mode] and change from [Disabled] to [External].

3. Select an appropriate [Cycle Length] & [Off Length].

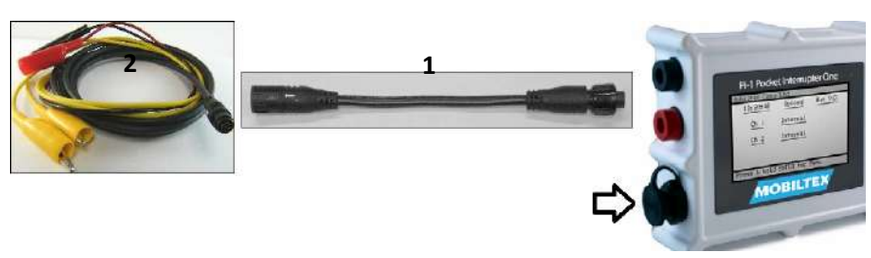
4. Press the [←] button and select [Advanced].



5. Configure Relay Polarity, Relay Voltage, and the Dwell times for the external relay you are using:

Option↓ / Relay type→	**Solid State**	**Mercury**
Polarity	NO	NC
Voltage	$6V_{DC}$	$12V_{DC}$
On/close Dwell	5ms	60ms
Off/open Dwell	5ms	45ms

6. Press the [←] button to navigate back to the main screen.



7. Connect the External Relay Cable (2) to the Pi-1 with the Multiport Adaptor Cable (1).

8. Connect the red and black leads to the control terminals of the external relay (check polarity if necessary).

9. If available, connect the yellow leads to a **6-20V$_{AC/DC}$** power source. This will charge the Pi-1 while in use (optional)

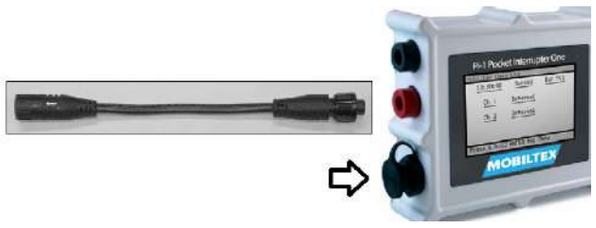
Mobiltex Smart Relay (SRL1 & SRL2)

1. Complete steps 1 to 4 of the External Relay instructions.

2. Use the following settings for Mobiltex smart relays in the [Advanced] menu:

Option↓	Relay type→	**SRL1 & SRL2**
Polarity		NO
Voltage		$6V_{DC}$
On/close Dwell		5ms
Off/open Dwell		5ms

3. Press the [←] button to navigate back to the main screen.



4. Connect the Multiport adapter cable to the Pi-1.



5. Connect the SRL1 (pictured) or SRL2 to the Multiport adapter cable.

6. If available, connect the yellow leads to a **6-20$V_{AC/DC}$** power source. This will charge the Pi-1 while in use (optional).

Warning: Only qualified personnel should install or operate this equipment. Company and industry safety procedures must be followed. The following is a quick start guide only; refer to the Pi-1 manual for further detail and additional features.

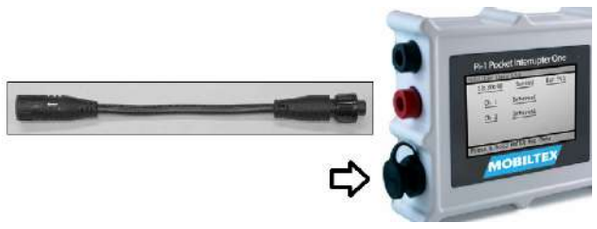
Mobiltex Smart Relay (SRL1 & SRL2)

1. Complete steps 1 to 4 of the External Relay instructions.

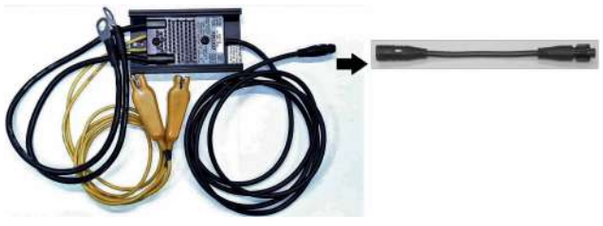
2. Use the following settings for Mobiltex smart relays in the [Advanced] menu:

Option↓	Relay type→	**SRL1 & SRL2**
Polarity		NO
Voltage		$6V_{DC}$
On/close Dwell		5ms
Off/open Dwell		5ms

3. Press the [←] button to navigate back to the main screen.



4. Connect the Multiport adapter cable to the Pi-1.



5. Connect the SRL1 (pictured) or SRL2 to the Multiport adapter cable.

6. If available, connect the yellow leads to a **6-20$V_{AC/DC}$** power source. This will charge the Pi-1 while in use (optional).

Warning: Only qualified personnel should install or operate this equipment. Company and industry safety procedures must be followed. The following is a quick start guide only; refer to the Pi-1 manual for further detail and additional features.

MOBILTEX

Pi-1 Quick Start Guide

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