

# *User's Guide FRSet4*

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Kennedy Technology Group, Inc.  
614 Ridgeway, Rose Hill, Kansas 67133 USA

voice 316.776.1111  
fax 316.776.9035  
email:kennedy@cellset.com  
www.cellset.com

*Thank you for purchasing our product!*

We hope that your new **FRSet4** gives you many hours of reliable operation.

This product was designed to connect to a variety of radios. It must be used in conjunction with a KTG Push to Talk Assembly or Interface; a KTG Radio Harness, and a KTG Intercom Harness:

A power harness is also required and is included in this kit. It is labeled pn 85623

Remove the four screws from the back of the **FRSet4**. Pull the back away from the main unit to access the circuit board and locate the Switch set labeled "SW1. Refer to the **Switch Chart**, (last page) and locate the switch diagram that corresponds to the Radio Harness you are installing (refer to the label located on the Radio Harness.) Set switches 3 through 7 so that they match the corresponding figure.

Do not close the box yet!

Refer now to the instructions sheets provided with the PTT Assembly, Radio Harness, Intercom Harness, and Power Harness. When you complete those installations refer back to this sheet.

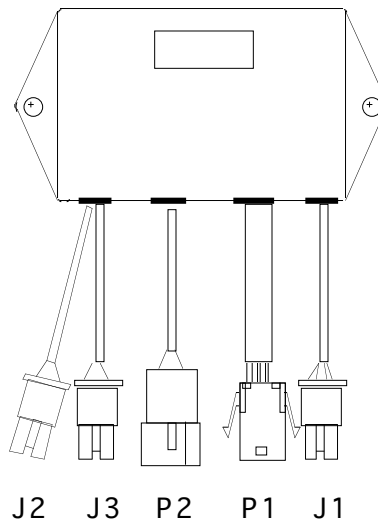
Connect **FRSet4** plug **P1** to the Radio Harness you purchased.

Connect **FRSet4** jack **J1** to the Intercom Harness you purchased.

Connect **FRSet4** plug **P2** to the Power Harness (pn 85623 provided with this kit).

Connect **FRSet4** jack **J2** to the mating connector of the rider PTT Assembly (sold and packaged separately).

If a passenger PTT Assembly was purchased, connect **FRSet4** jack **J3** to the mating connector of the passenger PTT Assembly.



Turn on the two way radio and turn its volume to a minimum.

**Turn on your intercom** and adjust the intercom volume to its usual settings. Put on your helmet/helmet.

Slowly increase the two way radio volume until its receive audio is at a comfortable level.

#### ADDITIONAL SWITCHES

SW1-2 provides a 20dB boost to the *incoming* radio audio level.

SW1-1 provides a 20dB boost to the *outgoing* radio modulation.

SW1-8 is not used

Typically, these switches are placed in the “on” position (top side of rocker switch “down”) if the intercom level is operated at a very low setting.

To check the modulation level, key your radio and have someone listen to your transmission on a receiving radio. If it sounds faint (under modulated) set switch SW1-1 to its “on” (top side of rocker switch “down”) position.

Replace the ***FRSet4*** back cover and four screws, and mount the box to the bike using tie wraps.

# Switch Chart

Note: ● = down position

<p>MWA</p> <p>1 2 3 4 5 6 7 8</p>	<p>SPTA</p> <p>1 2 3 4 5 6 7 8</p>	<p>MLD</p> <p>1 2 3 4 5 6 7 8</p>
<p>KW14</p> <p>1 2 3 4 5 6 7 8</p>	<p>IC28A</p> <p>1 2 3 4 5 6 7 8</p>	<p>FT90</p> <p>1 2 3 4 5 6 7 8</p>
<p>T91</p> <p>1 2 3 4 5 6 7 8</p>	<p>YFT50</p> <p>1 2 3 4 5 6 7 8</p>	<p>T2800</p> <p>1 2 3 4 5 6 7 8</p>
<p>FT857</p> <p>1 2 3 4 5 6 7 8</p>	<p>TH79</p> <p>1 2 3 4 5 6 7 8</p>	<p>MH48A</p> <p>1 2 3 4 5 6 7 8</p>