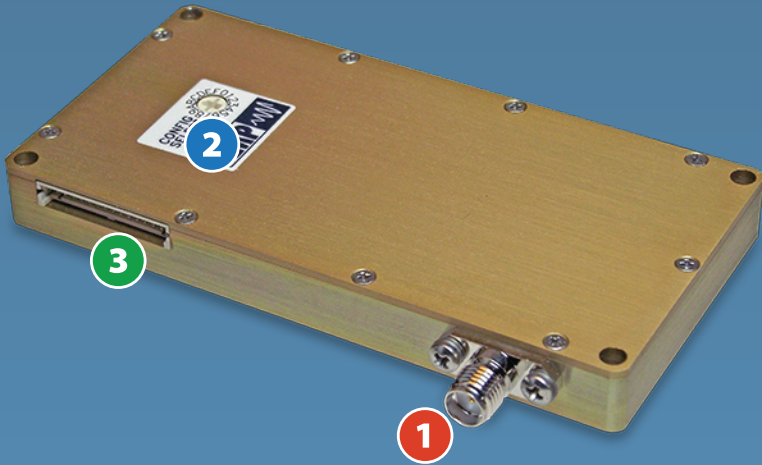


# FSX1 Transceiver Quick Start Guide



- STEP 1** Connect Antenna to SMA Connector
- STEP 2** Set configuration \*see reverse side
- STEP 3** Connect power, data, communications inputs to the supplied Hirose DF13 mating connector  
\*see reverse side

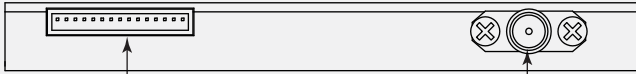
**Note** When setting up your system, the transceivers antennas should be greater than 25 feet apart to prevent serious damage to or destruction of the receiver front end



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## Wiring Your FSX1 Transceiver



**Hirose DF13:  
Power/Data/Programming**

**SMA Female  
RF Input/Output  
(Connect to Antenna)**

- Red** 1: +9 to 16 VDC Input
- Black** 2: GROUND
- Green** 3: TX COMM +
- Green/White** 4: NC/TX COMM -
- Blue** 5: RC COMM +
- Blue/White** 6: NC/RX COMM-
- Black** 7: GROUND
- Brown** 8: RS232-DATA-TX +
- Brown/White** 9: TTL-DATA-TX-
- Violet** 10: RS232-DATA-RX +
- Violet/White** 11: TTL-DATA-RX -
- Black** 12: GROUND
- Orange** 13: LINK STATUS
- White** 14: RF ENABLE
- Gray** 15: PA TX/RX

NC = No Connection

## How to Set Your Transceiver Configuration

The FSX1 transceiver has 15 pre-set configurations available for local selection via the rotary switch located on the lid. Transceivers ship from the factory with the 15 pre-sets configured with all options "ON" and set to their max settings with the frequencies set per the table below. Pre-sets may be changed as outlined in the ICD (Interface Control Document) via the communications port. Pre-sets are reprogrammable using Remote Mode, selected when the rotary switch is set to zero. "Remote Only" FSX1 transceivers do not have a rotary switch installed. See the product manual for more details.

*Frequency Band*

Preset	43	86	91	L1	L2	S1	S2	S3
<b>1</b>	433.0 MHz	868.0 MHz	902 MHz	1435 MHz	1700 MHz	2200 MHz	2400 MHz	2200 MHz
<b>2</b>	433.1 MHz	868.1 MHz	904 MHz	1442 MHz	1711 MHz	2214 MHz	2407 MHz	2221 MHz
<b>3</b>	433.3 MHz	868.3 MHz	906 MHz	1449 MHz	1721 MHz	2228 MHz	2414 MHz	2243 MHz
<b>4</b>	433.4 MHz	868.4 MHz	908 MHz	1456 MHz	1732 MHz	2243 MHz	2421 MHz	2264 MHz
<b>5</b>	433.5 MHz	868.6 MHz	909 MHz	1464 MHz	1743 MHz	2257 MHz	2428 MHz	2285 MHz
<b>6</b>	433.6 MHz	868.7 MHz	911 MHz	1471 MHz	1754 MHz	2271 MHz	2435 MHz	2307 MHz
<b>7</b>	433.8 MHz	868.9 MHz	913 MHz	1478 MHz	1764 MHz	2285 MHz	2442 MHz	2328 MHz
<b>8</b>	433.9 MHz	869.0 MHz	915 MHz	1485 MHz	1775 MHz	2300 MHz	2450 MHz	2350 MHz
<b>9</b>	434.0 MHz	869.1 MHz	917 MHz	1492 MHz	1786 MHz	2314 MHz	2457 MHz	2371 MHz
<b>A</b>	434.2 MHz	869.3 MHz	919 MHz	1499 MHz	1796 MHz	2328 MHz	2464 MHz	2392 MHz
<b>B</b>	434.3 MHz	869.4 MHz	921 MHz	1506 MHz	1807 MHz	2342 MHz	2471 MHz	2414 MHz
<b>C</b>	434.4 MHz	869.6 MHz	922 MHz	1514 MHz	1818 MHz	2356 MHz	2478 MHz	2435 MHz
<b>D</b>	434.5 MHz	869.7 MHz	924 MHz	1521 MHz	1829 MHz	2371 MHz	2485 MHz	2456 MHz
<b>E</b>	434.7 MHz	869.9 MHz	926 MHz	1528 MHz	1839 MHz	2385 MHz	2492 MHz	2478 MHz
<b>F</b>	434.8 MHz	870.0 MHz	928 MHz	1535 MHz	1850 MHz	2399 MHz	2499 MHz	2499 MHz

"Config Select" Preset