

Hitec Spectra 75 Synthesized RF Module Instructions

Congratulations, you now own the world's most versatile RF module on the planet! The Spectra 75 gives you the freedom to access all 30 channels on the 75MHz band by simply dialing channel 61 through 90 on the Spectra 75 transmitter module and installing the matching crystal in your receiver.

Instructions

To install the Spectra 75 into your Lynx 3D, make sure the power switch is in the "Off" position. Remove the single frequency RF module by pressing the top and bottom tabs then gently pull the module out of the socket. On the side of the Spectra 75, you will find two rotary dials marked 1st digit and 2nd digit. With the supplied plastic screwdriver, carefully turn the slots in each dial corresponding to the channel number you wish to transmit on. (Caution: do not push down dials as this may cause damage to the unit.) Next, change the receiver crystal to match the channel you have selected. (Note: you must use a genuine Hitec crystal in any manufacturer's receiver to work with the Lynx 3D and Spectra 75.) Next, plug the Spectra 75 in place of the old module. Place it all the way in until you hear it "Click" to ensure all contacts are in place.

To make sure everything is working properly it is advised that you perform a range test. With the transmitter antenna down you should get a minimum of 35ft. before the servos start to jitter. (Caution: when performing a range test make sure your vehicle is secure or remove the pinion gear to prevent it from running away if the signal is lost.)

Flexibility

-The Hitec Spectra 75 is a direct replacement of the RF module for the Hitec Lynx 3D.

Frequency Safeguards

-Because the Spectra 75 Module is designed to be completely removed from the transmitter prior to the channel change, there is no chance of broadcasting an unwanted signal during the channel change procedure.

Specifications

-Frequency range:	75.41 to 75.99 (CH 61~90)
-RF input power:	400mW
-Modulation:	2.8kHz +/- 200Hz
-Current Drain:	150mA +/-30mA

Care and Operation

- Please prevent excessive moisture, fuel and dust from entering the module.
- Avoid excessive force when turning the channel dials.
- Prior to changing frequency, please check to make sure no one else in the vicinity is operating on the channel you wish to change to. If your track uses a frequency control system, please obtain the clip before making the actual channel change.

Caution: Although the dials are clearly marked 1st digit and 2nd digit to correspond to the proper channel number, it is imperative that no confusion occurs in dialing in the new channel number. Transposition of the channel numbers such as 67 instead of 76 could result in interfering with another radio already in operation. Always verify the channel before plugging the module back into the radio. Additionally, there is a one second delay in the activation of the RF signal at the instant the transmitter is turned on. As a safety measure you are cautioned no to drive your vehicle until the control link has been established.