AFS CONNECTOR

Automatic Frequency Scanning - AFS

AFS (Automatic Frequency Scanning) is an advanced feature that allows the change of operational frequency without the need of a programmerl. Please note that the SL-8 is backwards compatible with the Shadow Programmer and either the programmer or the AFS can be used to program a new operating frequency. To initiate AFS process, please follow these steps:

CAUTION !!

NEVER attempt the AFS process with the motor connected to the ESC. Disconnect the motor from your ESC or disconnect the ESC completely from the SL-8 receiver and use a freshly charged 4.8v-6V battery to power the receiver for the AFS process.
Similarly, gas/glow engines on the model should be **POWERED-DOWN** during the AFS process.

Always remove the "AFS Connector" from servo pin 8 once the AFS process successfully completes, any attempt to fly the model with the connector in place can result in unpredictable behavior of the model.

Ignoring this "CAUTION" note could result in **PERSONAL INJURY** due to sudden motor movements during the AFS programming procedure

1) Turn ON your transmiter, making sure that it is in FM-PPM mode and is operating in either one of the 72 MHz or 75 MHz bands.

2) For the remainder of the process keep the transmitter aside and don't touch any sticks or buttons.

3) Insert the "AFS Connector", included with the SL-8 Rx, on servo pin-8 of the SL-8 receiver.

4) Power cycle the SL-8 receiver. The AFS process will start and is indicated by small oscillatory servo movements.

5) The AFS process is complete once the servo movement stops. Move the transmitter sticks to confirm control. The SL-8 is now ready to operate on this new frequency and will remember this frequency assignment until re-programmed either through AFS or through the Shadow Programmer (this frequency will be remembered even if the SL-8 is power-cycled). At this point the "AFS Connector" should be removed from the servo pin 8 **AND the receiver needs to be power cycled for proper operation.**

6) If for any reason the transmitter doesn't get the controls after the AFS is finished (servos stop moving), or if the AFS takes longer than 2 minutes to complete, power-cycle the receiver with the "AFS Connector" in place to start the process again. Please note that in extremely busy RF environment there is a very small possibility that it takes a few tries (e.g. 2-3) to acquire your channel frequency, however, the whole process even with re-tries will not take more than 3 minutes. *

**** It is imperative that the sticks/buttons on the transmitter are not moved during the AFS process, otherwise the SL-8 will not capture the transmitter frequency.***