

# Binding

The AR7000 receiver must be bound to the transmitter before it will operate. Binding is the process of teaching the receiver the specific code of the transmitter so it will connect to that specific transmitter. Once bound, the receiver will only connect to the transmitter when the previously bound model memory is selected. If another model memory is selected, the receiver will not connect. This feature is called Model Match™ and prevents flying a model using the wrong model memory.

## SmartSafe Fail Safe

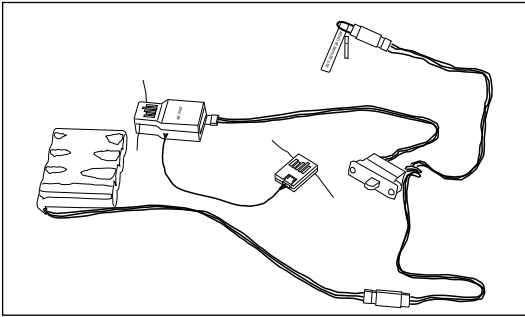
The AR7000 features the SmartSafe fail-safe system.

Smart Safe:

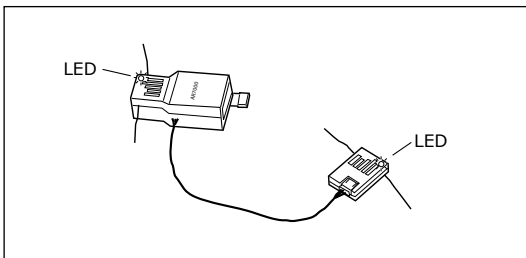
- Prevents unintentional electric motor response on start-up.
- Eliminates the possibility of overdriving servos on start-up.
- Establishes low-throttle failsafe if the RF signal is lost.
- Maintains last-commanded control surface position in the event of RF link interruption.

**Note:** Fail-safe positions are stored via the stick and switch positions on the transmitter during binding.

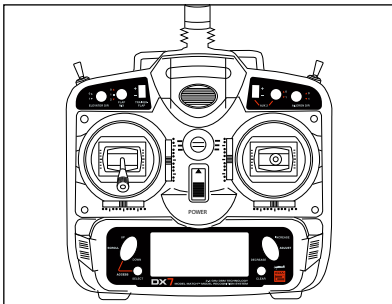
1. With the system hooked up as shown, insert the bind plug in the charge plug receptacle.



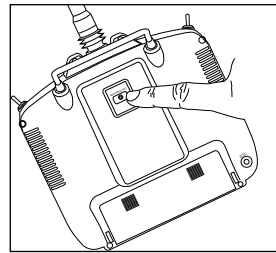
2. Turn on the receiver switch. Note that the LED's on both receivers should be flashing indicating that the receiver is ready to bind.



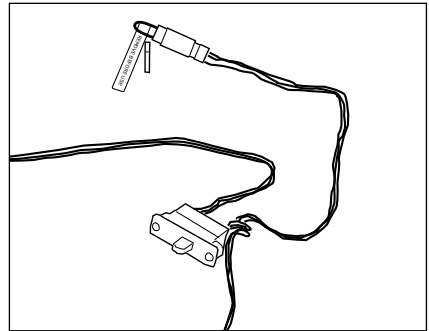
3. Establish the desired fail-safe stick positions: normally low throttle and flight controls neutral.



4. Press and hold the bind button on the back of the transmitter while turning on the power switch. The bind button should flash and within a few seconds the system should connect. The LED's on the receivers should go solid indicating the system has connected.



5. Remove the bind button and store it in a convenient place.



6. After you've programmed your model it's important to rebind the system so the true low throttle and neutral control surface positions are programmed.

**Note:** The AR7000 features DSM2™ technology and is only compatible with DSM2 transmitters. The AR7000 will not operate with the DX6 or Spektrum® surface systems.