

Chopper Spotter Transmitter (*Handheld Controller*) Synchronizing and Cloning

TRANSMITTER AND RECEIVER SYNCHRONIZATION - *Use if only having one transmitter synced is desired*

Each radio remote system is designed to operate with a unique radio ID code and RF channel sequence. Each receiver is programmed to respond *only* to the transmitter with the correct ID code/RF channel sequence for which it is set. This feature allows multiple systems to work in close proximity to one another without interference.

In the event that a transmitter becomes damaged and a new one is needed, the receiver can be reprogrammed to respond to the new transmitter. To teach the ID code to the receiver, use the following procedure. ***Please note that if this procedure is interrupted before it has completed, the system may have intermittent operation:**

1. Turn the transmitter and receiver (Master Disconnect Switch) OFF
2. Press and hold the POWER button for more than 30 seconds. LEDs should blink at this point
3. Turn the Master Disconnect Switch ON and press any switch. Green LED will only start to blink on the transmitter
4. Teach complete

CLONING - Use if multiple transmitters synced at once is desired

Warning! This feature can pose a safety hazard for operators if both transmitters are used simultaneously! Use with caution! Occasionally, it is desirable to have more than one transmitter work with a single receiver. This is accomplished by a process called cloning. Cloning allows an additional transmitter (B) to have the same ID code as the original transmitter (A). If this feature is desired, use the following procedure:

1. Make sure transmitters and receiver are off
2. On transmitter A, press and hold POWER button for more than 30 seconds. LEDs should blink at this point. Release POWER button
3. On transmitter B, press and hold buttons FORWARD, DOWN, and POWER until the LEDs start to blink. Release buttons
4. Wait for a few seconds until the green LED only starts to blink on transmitter A and transmitter B
5. Turn off both transmitters
6. Synchronize one of the transmitters to the receiver

If the cloning feature has been invoked and is no longer desired, the ID code of one of the transmitters needs to be changed. This will unclone the transmitters. If this is desired, use the following procedure:

1. Turn receiver and transmitters OFF
2. Press and hold buttons DOWN, REVERSE, UP, and POWER until the LEDs start to toggle. Release buttons
3. Press any button again to select new ID
4. Uncloning complete
5. Use transmitter and receiver synchronization procedure above to link the uncloned transmitter to new receivers.