

Wireless training

If the Tx's aren't already setup and paired follow instructions below

On the Slave Tx

Turn Tx on and select the model required. **NOTE:** If it is intended to use **Pilot Link Master mode** on the Master Tx then a **blank default model** (no settings applied) should be selected. If **Programmable Master mode** is being used (recommended) then the correct model should be selected.

On the Master TX

Select the model to be flown on the Master Tx

Bind Master Tx to the model if necessary using normal binding procedure

Select Trainer from Master Tx menu (this is found in the system setup menu). To access: From initial screen, click roller → scroll down and select system setup (near bottom of menu) by clicking on roller → select Yes and click on roller → scroll down and select Trainer and click on roller → select Wireless Trainer and click → select Programmable Master (recommended) or Pilot Link Master (**See note 1 below regarding choice of wireless training model**) → Scroll down to switch and select by clicking → operate the switch/button you wish to use to transfer control (recommend switch A – left, top rear) – this selection should now appear as the selection choice (**See note 2 below**) → Ensure master over-ride is showing active (if not then select and activate)

Select bind from the same menu (top right) and click. Master Tx, should display binding

Turn on **slave** Tx in bind mode. (To do this turn on the Tx while holding either the spring loaded switch or the push button as appropriate)

The Master and slave should now bind and on completion will be connected. Check master Tx's can operate model and when control is passed to slave it operates correctly. Move any stick on the master Tx and control should be back with Master Tx automatically. Note if binding doesn't occur repeat wireless training bind process and ensure Tx's are well apart.

Click on back button to exit menu

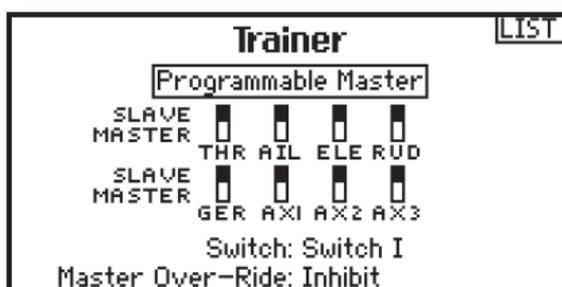
Ensure all surfaces respond in the correct direction for the command given from both Tx's (reverse any necessary in the servo setup menu – from initial screen click roller to access menu then select servo setup → select travel → click and scroll to reverse → click to select → scroll to surface to reverse and click). Click on back button to exit menu

Note 1

In **Pilot Link mode** all trims etc are controlled by the Master Tx. No trimming is done on the slave. The slave should be using a blank, default menu to ensure there are no unwanted inputs. The student doesn't get any experience of trimming in this mode and whatever rates/expo settings are used on the Master apply to the trainee as well. It may be necessary for the slave transmitter to be in Inhibit mode to allow trim changes to transfer over from the master transmitter.

In **Programmable Master mode** (recommended) the slave Tx has to have the correct model selected and the settings for the model need to be done on the Slave Tx. The required rates/expo for the trainee are set up on the slave Tx (Basically the TX has to be set up as if it were the only Tx in use). The Master Tx also has to be set up for the model BUT you can use whatever settings for rates and expo etc that you desire – these will only apply to the Trainer. This has the advantage that the trainee can be flying on low rates but the moment you take control you could have high rates applied. In circumstances where the trainee gets into difficulty then the trainer immediately having higher rates available to him can be a big advantage! As trimming is independent, the trainee can also get experience of trimming. When using this mode it is best for the trainer to initially trim the model on his Tx at a safe height then briefly transfer control to the student (telling him not to touch the controls). Watch for any changes in trim as transfer is made and tell the student to apply the appropriate trim to correct as necessary. Repeat until the model doesn't change attitude when passing control over. Remember – in this mode both Tx's are independent and when in control operate the model as they are each set up.

In both modes it is possible to transfer only certain controls. E.g. elevator and aileron, the Trainer retaining control of the remainder. To do this select the surface required e.g. rudder and click on it to remove the transfer of control (click again to revert). If the black blob is at the top for any given channel then control is transferred, if at the bottom the trainer retains control.



Note 2. The switch/button used to transfer control is down to the trainer's preference but I recommend using an unallocated two position switch (one not used to otherwise control the model). Using the button/self returning spring loaded switch means you have to hold it throughout the flight while the trainee is in control. This means that hand effectively cannot be on/near the stick. Any accidental release transfers control back to the trainer. The use of a two position switch means that control can be transferred to the student and both hands remain totally free to take control – note that touching any stick immediately transfers control to the trainer. To transfer control back to the trainee the switch has to be cycled i.e operated twice. Personal experience is that the use of a 2 position switch makes the Trainers job easier and more relaxing.