

Whole House Fan Wireless Remote Kit Installation Manual

Model: RC-DTC-Kit

Thank you for purchasing this Wireless Remote Kit for your Tamarack Technologies whole house fan. The easily installed Wireless Remote will allow you to control your whole house fan from any location within your home. This wireless remote has a 1-year limited warranty.

Even if you intend to use this remote exclusively to control your whole house fan, the hardwired Digital Touch Controller included with your fan must still be connected to the RJ45 port labeled W/S on the electrical box mounted to your fan. YOUR FAN WILL NOT FUNCTION IF NOT CONNECTED TO A DIGITAL TOUCH CONTROLLER.

If it is not desired to be installed in a wall, the hardwired switch can be connected to the control box and left in the attic with the CAT5 cable kept spooled. For instructions on how to install the digital touch controller, please see the Installation and Operation Manual included with your fan.

Before installing this equipment, make sure to inspect it and all of its parts for any damage it may have sustained during shipping. **DO NOT INSTALL DAMAGED EQUIPMENT.** If you suspect this equipment has been damaged during shipping, please contact Tamarack Technologies, technical support by phone at 1.800.222.5932 8am-5pm Eastern Time, or email info@tamtech.com as soon as possible.

Please contact Tamarack Technologies technical support at the numbers listed above with any questions.

WIRELESS REMOTE

This wireless remote (shown at right) is an available accessory for your fan. It is not included as part of the standard control package.

To install this wireless remote, first mount the wireless remote receiver on an attic joist near the control box using wood screws and the pre-drilled mounting holes. Connect one end of the blue CAT5 cable provided with the remote control kit to the receiver's RJ45 port.

Next, run the free end of the cable to the electrical box mounted on the fan and connect it to the blue **RMT** port. **This cable is unshielded: do not run it parallel to high-voltage wiring.** Building codes generally require low-voltage wiring to be run through shielded conduit.

Your remote has a range of about 60 feet. It uses the same four-button interface as the Digital Touch Controller, with each button performing the same function(s) as the corresponding button on the hardwired controller. For instructions on how to use this interface to operate your fan please see the fan's Installation and Operation Manual.

Tamarack remote control transmitters and receivers are pre-merged at our factory. They may, however, become unmerged prior to installation. A remote control transmitter that has become unmerged from its receiver will not be able to control the fan. In this case, the transmitter and receiver will need to be re-merged.

To merge a remote control transmitter and receiver, follow these steps (a guide to identifying the various parts of the remote receiver is provided below):

1. Remove the receiver's top cover; plug the blue CAT5 cable into its RJ45 port.
2. On the receiver's circuit board, locate the black button labeled **LEARN**. Press and release this button to begin the merge sequence; the RJ45 port's yellow transmission LED will illuminate.
3. *Immediately* press and release any button on the wireless transmitter while the transmission LED is illuminated. If the merge is successful, the transmission LED will turn off.
4. Repeat steps 2 and 3 if there are any additional remote control transmitters to merge with the receiver.
5. Unplug the CAT5 cable; replace the top cover; replug the CAT5 cable.

If the remote stops communicating with the receiver, follow the steps above to remerge the transmitter. **Note: NEVER change the DIP switch configuration on the remote receiver.**

