



Normal Start-Up Procedure For W-21

Insert Batteries	W-21 displays temperature after 20 second warm-up
Press and hold TEST for 3 seconds	W-21 beeps then displays 'PRE-SET CHANNEL' number
Momentarily press TEST	Control display returns to normal shows ambient temperature and is ready for use

Normal Start-Up Procedure For Fan

Turn on power	Wait 20 seconds for fan electronics warm-up
Next 120 seconds	Code acceptance window

Fan Microprocessor Normal Start-Up

After power is applied to the fan RCM it takes 20 seconds for the microprocessor to warm-up and stabilize.

During this time the microprocessor runs its own self check and then reads the last channel identity code stored in the NOVRAM memory chip.

Throughout the 20 second self check period the fan will not accept any transmitted signals.

After a successful self check the microprocessor allows up to 120 seconds for receipt of a new channel identity code and will reprogram the NOVRAM memory chip.

After 140 seconds from power turn on, the RCM blocks further access to the NOVRAM memory chip, re-reads the channel identity code now stored in the NOVRAM, and is ready for operation.

Changing The W-21 Channel Code

To change the operating channel of a fan:
 Press and hold the **TEST** button.

The control display will freeze and after about 3 seconds the control will beep rapidly and display the current 'SET' channel in place of the temperature.

Press the fan **UP** or **DOWN** buttons:



This will change the indicated control 'SET' channel number. Stop at a channel number that is not being used in the same area.

**USE ONLY CHANNELS
 49 THROUGH 63**



NOTE: You have twenty seconds in which to make a change. The control will return to normal operation unless a button is pressed.

Press **TEST** to save the new 'SET' channel number.

The W-21 returns to normal operation and displays the original fan settings.

NOTE: Installing fresh batteries in the W-21 will cause the control to revert back to the original factory 'PRE-SET' Channel.



Changing The Fan Receiving Channel

If you change the 'SET' channel number in the control you must then change the receive 'SET' channel number of the fan to match.

NOTE: You must change the control 'SET' channel first before changing the fan receive 'SET' channel.

Turn OFF the power to the fan for at least 10 seconds using the wall switch or breaker.

Turn the power back ON.

WAIT 20 SECONDS FOR MICROPROCESSOR WARM-UP AND SELF CHECK

YOU NOW HAVE ONE MINUTE TO COMPLETE THE NEXT STEP!

Using the W-21 control with the NEW channel setting: Press and hold both the TEST and AUTO buttons until you see "CC" (Change Channel) displayed.



CHANGE CHANNEL MODE

As "CC" appears on the display you will hear a rapid beep as the control sends out the new channel code to the fan.

Release the TEST and AUTO buttons.

The fan has now been programmed to receive the new 'SET' channel code. To confirm that the fan has received the new 'SET' channel code, operate the W-21 and see if the fan responds properly.

Turn off power ONLY to the fan that is to be re-programmed. This may require temporarily disconnecting other fans that are on the same switch or breaker. This can be done by disconnecting the power wires in the canopy.

NOTE: If power is turned off at the main breaker which also cut power to fans in other rooms, the control may have 'SET' the new receive channel to these fans.

DUAL REMOTE CONTROL

Where two remote controls are used to control a single fan, they must be set so that **BOTH** remote controls operate on the **SAME** channel. **ONE** of the remote controls is made into the **"BASE"** controller.

All remote controls leave the factory as **"BASE"**.

Initial Remote Control Settings

Set **BOTH** the controls to operate the fan.

Select one of the remote controls to be the **"BASE"** unit.

"BASE" Check

To confirm that the remote is the **"BASE"**:

1. Press **AUTO** for 3 seconds until a beep is heard.
2. Confirm the LCD display shows **'b'**.





3. Press **AUTO** again to set.

Change the other remote to be used in the room to "AUXILIARY".

1. Press **AUTO** for 3 seconds until a beep is heard.
 The remote will display **'b'**.



BASE DISPLAY

Note: These steps will need to be repeated when the batteries are changed.

Note: The fan will now respond to either of the remotes when pressed.

When **AUTO-SPEED, SECURITY, SAVER** or **TEST** modes are in effect at any control:

The fan will now only automatically respond to the control that was last manually operated.

2. Press the fan speed **UP** or **DOWN** buttons to change the display to **'A'**.

3. Press **AUTO** again to set.



AUXILIARY DISPLAY