DuraTime

DuraTime Site Survey Testing

1. Place one RC150 #1 in the proposed location of the master clock. Press the Yellow button to turn on the RC150. You should see the Red LED light up and blink twice a second. This is normal and means that it's not receiving a signal from the master clock.

2. Press the Red Button on the RC150 #1 to place it into the Transmit Time mode. This allows the RC150 #1 to transmit time just like the master clock. The light will flicker once per second.

3. Turn on RC150 #2. The Red LED should come on. Press the Blue button, the LED will flash once a second indicating that it is receiving the master clocks transmissions.

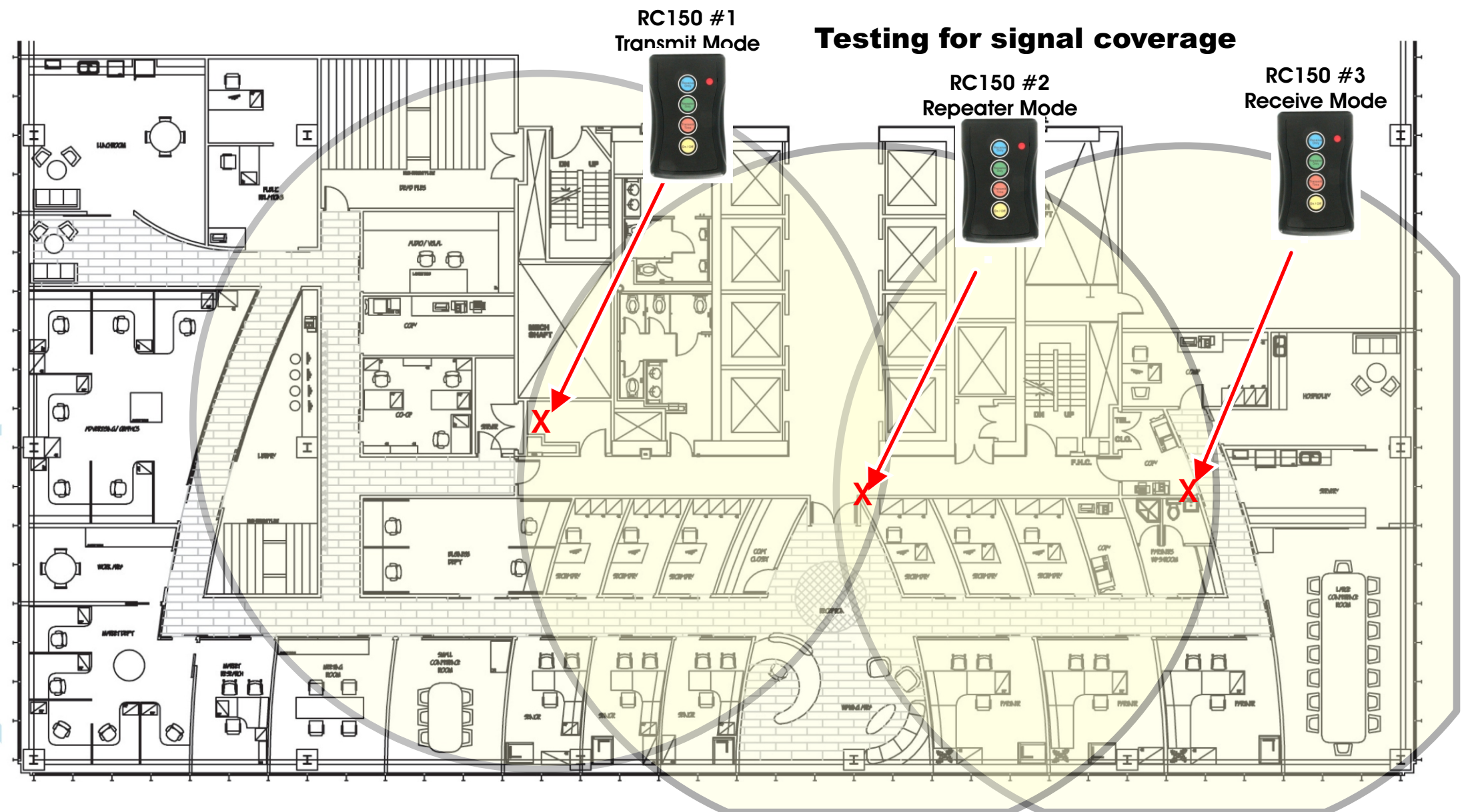4. Take a floor plan of your facility with you when you start your site survey.

5. Mark on your floor plan the location of the master clock

6. Walk through your facility watching the LED indicator light. As long as the LED is flashing once a second, you are receiving an adequate signal. When the RC150 #2 stops flashing and remains off you have moved past the signal area. Retrace your steps until the LED starts flashing once a second. Mark your floor plan where you have placed the RC150 #2 as a repeater.

7. Press the Green button to turn RC150 #2 into a signal repeater. Find a place to leave this RC150 #2.

8. Turn on RC150 #3 and press the Blue Receive Only button. Continue walking through your facility, watching the LED to make sure that it is flashing once a second. If you run out of signal coverage with RC150 #3, mark the location on your floor plan where the signal is located.

9. If you have additional area to test, you can take RC150 #2 and place it in the location that RC150 #3 had a signal and repeat steps 7 & 8 until you have surveyed your entire facility.

10. Please note that any analog or digital clocks that are placed in rooms or hallways between RC150 #1 and RC#2 or RC #3 will automatically receive the signal and actually **extend** the reach of the master clock in your facility.

11. Turn off after survey, Press the Yellow On/Off button to turn the unit off or the unit will turn itself off after 8 hours.

RC150
Mini Master

Allows the RC150 to be used to test for a network signal

LED indicator light shows:
- Unit has power
- Unit is transmitting
- Unit is receiving
- Unit is out of network range

Allows you to set the RC150 to be a signal repeater for site surveys

The RC150 acts as a master clock using this mode

This powers the RC150 on & off

RC150 #1
Transmit Mode

Testing for signal coverage

RC150 #2
Repeater Mode

RC150 #3
Receive Mode

Typical Network created by 1 master clock, 7 digital clocks and 8 analog clocks