

## CCT Tunable Panel Zone Creation:

1. Please review the Handheld Remote Controller and Wall Type Remote Controller instructions with the following understanding:
  - For zone creation purposes, turning the lights on and off cannot be done at the wall switch, since even in an “off” position very slight power is still supplied to the panels. Power must be disconnected through 1) flipping the circuit breaker tied to all CCT tunable fixtures already installed in the ceiling plane or 2) unplugging CCT tunable panels designated for a specific zone which have been connected in series with a wall receptacle plug or whip before installation in the ceiling plane or 3) any other means your electrician devises.
  - All installed CCT tunable panels in a specific zone must be within approximately 100’ unobstructed line of sight of the Handheld Remote Controller or the Wall Type Remote Controller or another controlled panel within the specific zone.
2. Controllers must first be matched to the CCT tunable panels.
  - For the Handheld Remote Controller, follow the “Matching code for light” directions.
  - For the Wall Type Remote Controller, simultaneously press and hold the ON and CCT buttons, then turn on the lights. Release the ON and CCT buttons when the lights flash.
3. To assign CCT tunable panels to a specific zone 1-4 on the Handheld Remote Controller, follow the “Group selecting button” directions.
4. Please remember that Wall Type Remote Controllers can control only 1 zone of CCT panels positioned within the room where the controller is installed (within approximately 100’ unobstructed line of sight of the Wall Type Remote Controller or another controlled panel within the specific zone).

Every color tunable panel can work with both 1 hand held remote and 1 wall mount remote. You cannot have multiple hand held remotes nor multiple wall mount remotes paired to a single panel.

One Handheld Remote Controller can control 4 zones of CCT tunable panels. One Wall Type Remote Controller can control only 1 zone of CCT tunable panels.

You can have as many color tunable panels as you want per zone; however, one panel cannot be in multiple zones. Standard non-CCT tunable panels are grouped in zones by branch circuits. Branch circuits are often laid out by room (one room is on one branch circuit, and another room is on a separate branch circuit). CCT tunable panel zones are not restricted by wired branch circuitry, since the CCT tunable panels are wirelessly controlled.

All color tunable panels in a zone can be controlled in 1-4 ways:

1. On/off by a normal wall switch (or switches in a 3-way application) with normal power conductors run through the building;
2. 0-10V dimming IF additional 0-10V dimming conductors (low voltage purple and gray) are run through the building and normal 0-10V dimmers are installed;
3. Hand held remote; and/or a
4. Wall mount remote.

3-way wiring is viable for Control Option 1 above (normal building wiring). So even though you cannot control color tunable panels from multiple wall mount remotes, those same color tunable panels CAN be controlled from multiple standard 3-way switches.

“Prewiring” normal power conductors to each color tunable panel is not contradictory, but necessary. The panels need power to operate.

“Prewiring” 0-10V dimming conductors (Control Option 2 above) is not contradictory, but is redundant if Control Options 3 and/or 4 above are employed. Therefore, your customer can save / avoid the labor and materials expense of 0-10V dimming (Control Option 2) if Control Options 3 or 4 are employed.

The two AA batteries included in each hand held remote and wall mount remote (Control Options 3 and 4) last more than 1 year. When they fail, they can be easily replaced.