

Column 1 · Lite Touch → Crestron

Pre-Survey

- Request original zone list and panel drawings
- Confirm panel location and enclosure dimensions
- Bring: tone generator, multimeter, cable tester, camera

Wiring Check — Do First

- ☐ 4-conductor confirmed at every keypad run
- ☐ Wire gauge: 22 AWG or better
- ☐ Run length within 1,000 ft Cresnet spec
- ☐ No splices in inaccessible locations
- ☐ Continuity tested end-to-end

! 3-conductor found → wireless keypad + local PSU

Panel

- ☐ Enclosure dimensions documented
- ☐ Space confirmed for CP4 processor + CNPWS power supply
- ☐ Power feed verified (voltage, amperage)

Common Gotchas

- 3-conductor runs are the #1 scope expander — check at keypad end, not panel end
- Cresnet max 1,000 ft — measure actual run, not blueprint
- Unenumerated devices after install → check 4-pin connector seating first
- Label all wires at panel before disconnecting anything

Commissioning Sign-Off

- ☐ All keypads enumerate in Toolbox
- ☐ All scenes confirmed with client
- ☐ App tested off-network
- ☐ Warranty registration done
- ☐ Client sign-off in writing

Column 2 · Legrand RFLC → Crestron

Pre-Survey

- Confirm LC7001 hub location
- Confirm total switch count and locations
- Bring: multimeter (neutral verification), camera

Wiring Check — Do First

- ☐ Neutral wire confirmed at every switch box
- ☐ Standard NM or conduit (no knob-and-tube)
- ☐ Box depth sufficient for Crestron dimmer

! No neutral → CLW-DIMNEX (no-neutral dimmer) or wireless

Hardware Selection

- Neutral present → CLW-DIMEX or CLW-DIM series
- No neutral → CLW-DIMNEX
- Controller → Crestron Home CP4N (full platform) or Crestron Home Hub (lighting focus)
- RF → infiNET EX (2.4 GHz, no conflict with Legrand 900 MHz legacy)

Common Gotchas

- Missing neutral is most common issue — verify at switch, not at panel
- Multi-gang boxes with shared neutrals may need rewire — assess at survey
- Crestron Home app account must be provisioned before commissioning day
- Legrand 900 MHz RF: confirm all devices actually offline before assuming clean slate

Commissioning Sign-Off

- ☐ All dimmers respond in Crestron Toolbox
- ☐ All scenes confirmed with client
- ☐ App tested off-network
- ☐ Warranty registration done
- ☐ Client sign-off in writing