



Support

Questions or problems: visit
morrisdynamix.com/drylogix

HAVE THIS READY

- Kiln: L53, L200S, L200M, or Wood-Mizer KD150 / KD250
- DryLogix P/N, serial, and MAC (on the unit labels)
- Your shop Wi-Fi name (SSID) and password

FITS

Nyle L53, L200S, L200M
Wood-Mizer KD150, KD250
Controller CN1 power · CN2 data



TOOLS YOU PROVIDE

- Flathead screwdriver
- Phillips screwdriver

Tool Kit option (if purchased): rivet gun and rivets, 3/16 drill bit, 3/8 step bit, wire strippers.

Quick Start

Do this in order. Keep kiln power OFF until wiring is finished.

- ☐ Turn OFF and lock out kiln main power
- ☐ Open the kiln control enclosure
- ☐ Mount DryLogix on the interior rear wall of the kiln controller (preferred)
- ☐ Fit antenna (and extension if used)
- ☐ Land white / black on CN1 (L53 / KD150: 9 & 10 · L200S / L200M / KD250: 10 & 11)
- ☐ Land data: red CN2-1, yellow CN2-2, green CN2-3
- ☐ If mounted outside, use the rubber grommet at the pass-through
- ☐ Restore power; confirm kiln controller starts as usual
- ☐ Join the **DryLogix Lite** Wi-Fi, open 192.168.4.1, set shop SSID
- ☐ Open the dashboard URL and confirm live readings

What you will see

Dry bulb
Chamber temperature

Wet bulb
Humidity temperature

Timber MC
Probe moisture

DRI / status
Drying rate and equipment

Monitoring only. DryLogix reads kiln data. It does not run the kiln or change schedules.

More detail: page 2 (box & mount) · page 3 (safety & wiring) · page 4 (steps & dashboard)



LITE · INSTALLATION GUIDE

Set up your module

Kiln Intelligence · Morris Dynamix Technologies Inc.



P/N MDTI-DLX-LT-A · L53 · L200S · L200M · KD150 · KD250 · 110/220 VAC 50/60 Hz

In the box

DryLogix Lite module P/N MDTI-DLX-LT-A	1 m harness 5 wires (power + data)
Antenna Screws to housing	Antenna extension Relocate the antenna if needed
Rubber grommet Exterior pass-through	4 mounting screws Outer-wing slots
Module mounting template Hole layout for the wings	This guide Keep with kiln records

You provide shop Wi-Fi. Standard kit does not include a drill or strippers.

TOOL KIT (OPTIONAL)

If purchased: rivet gun and rivets, 3/16 drill bit, 3/8 step bit, and wire strippers — for mounting and landing the harness.

Mounting

Preferred: inside the kiln controller, on the interior rear wall. Use the four slotted holes on the outer bottom wings. Do not hang the box from the lid screws.



- Fasten to the interior rear wall of the controller enclosure when it fits.
- Exterior mount only if the box is too tight: drill a pass-through and fit the grommet so the harness is not cut by metal.
- Screw the antenna onto the housing. Use the extension if the enclosure blocks Wi-Fi. Option A is weatherproof. Option B reaches farther but is not for long-term weather.

Safety



HAZARDOUS VOLTAGE — 110/220 VAC
Shock and fire hazard. Turn kiln power OFF and lock out the disconnect before you open the control box or land any wire. Line voltage is present on this module when the kiln is powered.

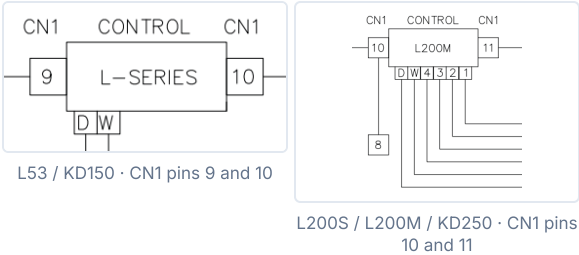
- Do not power the kiln while connecting CN1 or CN2.
- Do not disconnect factory cables unless the tap is landed in their place correctly.
- Keep the 5-wire harness clear of heater and contactor leads.
- If you are not qualified to work in an electrical enclosure, have a qualified technician install it.

Wiring — 5-wire harness

One meter, five conductors. Strip only as needed.

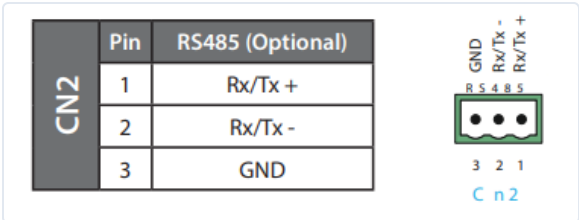
POWER — CN1 (WHITE / BLACK)

Kiln	White	Black
L53 / KD150	CN1 pin 9	CN1 pin 10
L200S / L200M / KD250	CN1 pin 10	CN1 pin 11



DATA — CN2

Wire	CN2 pin	Signal
Red	1	Rx/Tx +
Yellow	2	Rx/Tx -
Green	3	GND



Confirm pins on your kiln diagram before landing.

Install

- 1 Power off.** Open the control enclosure.
- 2 Mount.** Preferred: interior rear wall of the kiln controller. Fasten the four outer-wing slots. Grommet only if mounted outside.
- 3 Antenna.** Thread onto the housing. Extension if the signal is weak. Option A: weatherproof. Option B: longer range, not for long-term weather.
- 4 Power wires.** L53 / KD150: white CN1-9, black CN1-10. L200S / L200M / KD250: white CN1-10, black CN1-11.
- 5 Data wires.** Red CN2-1 (Rx/Tx +), yellow CN2-2 (Rx/Tx -), green CN2-3 (GND).
- 6 Close up.** Restore power. Kiln controller must start as before. The DryLogix module now has power.

Connect to the dashboard

After the kiln is safely powered ON, use a phone or PC. The MAC on the side label must match the module you are setting up.

- A** Join the module's own Wi-Fi named **DryLogix Lite**.
- B** Open a browser to **192.168.4.1**. First-time setup appears. Confirm the MAC matches this unit.
- C** Enter your shop network name (SSID) and password. Select **APPLY**.
- D** You will receive a URL to this kiln's dashboard. Bookmark it. Anytime the module has power and network, that URL is how you reach it.

No shop internet: an LTE hotspot is an option to purchase. Weak shop Wi-Fi: antenna extension — Option A weatherproof, Option B longer range (not for long-term weather).

PILOT LICENSE

90-day pilot. Affix supplied code sticker here, then enter the code in the dashboard.

PURCHASE LICENSE

Full unlock. Never expires. Affix supplied code sticker here if the product was purchased outright.

Need help? morrissdynamix.com/drylogix