



KilnLink

Installation Manual



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WWW.SKUTT.COM

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Specifications

Provided by Skutt with purchase of Skutt KilnMaster kiln with LinkBoard and KilnLink

- 1 KilnLink Box for every 4 kilns.
- 1 KilnLink Power Supply 110-120V, 50-60HZ, 0.15A
- 1 LinkBoard per Kiln (installed at factory when ordered with new kiln)
- Current Sensor (standard on newer KM kiln models)
- 1 Phone Jack with 3-way splitter (for use with multiple kiln installation)
- 2 - 14 ft. RJ11 Cable (Straight through*) - Kiln to KilnLink Box connection
- Current firmware in controller. Guaranteed with purchase of kiln manufactured after 7/19/2012.

** This looks like a standard phone cord, but it is different. Use only cords supplied by Skutt.*

Required by Customer for Installation

- Internet Connection (always on)
- 1 Ethernet Network Cable (sufficient length to connect KilnLink Box to internet.
- 120V Power Outlet within 6 ft of KilnLink Box location.
- KilnMaster Kiln controller with current firmware. Guaranteed with purchase of kiln manufactured after 7/19/2012. (Controller must be replaced or upgraded if manufactured prior to this date.)

Required by Customer for Operation - One or more of the following

- 1 Computer with Internet connection. Mac, PC or Unix/Linux.
- Cell phone plan with text (SMS) plan. (If text alerts are to be utilized. Unlimited text plan recommended.)
- 1 Smart Phone. IOS, Android, or Blackberry (tested) if mobile web app is to be used.

Installation Instructions

We recommend setting up your KilnLink system using the provided phone jack with 3-way splitter (as shown in Multiple Kiln Installation diagram on page 7), even if you are installing a system for just one kiln. This way, most of the components are in place if you want to connect more kilns.

1. Locate the KilnLink Box at a convenient location that will remain dry on a wall near the kiln so that either; a 14 ft. cable will reach between the KilnLink Box and the control box on the kiln, or so that the KilnLink Box is within a 14 ft. cable reach of a 3-way splitter and the 3-way splitter is within a 14 ft. cable reach of the control box on the kiln. The KilnLink Box will also need to be within 320 ft. of an Internet connection and within 6 ft. of a 120 volt power outlet. Be sure the intended routing of any cables or power cords will prevent them from lying against the (hot) sides or lid of the kiln(s). Mount the KilnLink Box to the wall using mounting screws or anchors appropriate for the type of wall material.
2. Plug one end of an Ethernet Network Cable (not provided) of appropriate length (with RJ45 connectors) into an Internet connection and plug the other end of the cable into the KilnLink Box.
3. Mount the phone jack with 3-way splitter to the wall using the double stick tape pad or screws (located inside the jack cover) so that it is within a 14 ft. cable reach of the control box on the kiln. Note: For multiple kiln connections, each phone jack with 3-way splitter will need to be within a 14 ft. cable reach of the next phone jack with 3-way splitter.
4. Plug one end of a 14 ft. RJ11 cable (included with the LinkBoard kit) into the KilnLink Box and plug the other end into the far left position of the 3-way splitter.
5. Using the second 14 ft. RJ11 cable (included with the LinkBoard kit), plug one end into the center position of the 3-way splitter and plug the other end into the LinkBoard receptacle on the kiln control box. This cable can be tied to the kiln's power cord with zip ties if desired.
6. If connecting multiple kilns, use another 14 ft. RJ11 cable (included with additional kiln LinkBoard kit) and plug one end into the far right position of the previous kiln's 3-way splitter and plug the other end into the far left position of the 3-way splitter being used for additional kiln. See illustration on page 7 for multiple kiln installation.
7. Plug in the KilnLink Power Supply to the building's 120 volt power outlet and plug the other end of the cable from the Power Supply into the KilnLink Box.

Setting the ID

If you are connecting more than one kiln to your KilnLink Box (you can connect up to four), you will need to have a unique ID for each kiln. All new kilns will leave the factory with a Kiln ID set to "1". If you are only installing 1 kiln, you may skip this step. To set the ID for each additional kiln, follow these instructions:

- From Idle press MENU until you see "CNFG" and press ENTER.
- Press MENU until you see "Id" and press ENTER.
- The display will flash the kiln ID currently set for the kiln. Change it to "2" by pressing the "2" key and press ENTER.
- If there are 3 or 4 kilns, change these Id settings to 3 and 4 respectively.

Testing the Unit

There are red and green indicator lights on both the LinkBoard and KilnLink Box. These are used for troubleshooting to make sure the two units are communicating correctly with each other and the Internet. After 1 minute the light should perform as follows:

KilnLink Box

- Red - Solid with brief flashing once a minute.
- Green - Blink once every 2 seconds with intermittent bursts of rapid blinking when communicating.

LinkBoard

- Red - Solid indicates good connection. No light often indicates you did not use proper cable.
- Green - Off with intermittent bursts of rapid blinking when communicating.

If you have problems connecting, please contact Skutt's Technical Support Department for additional help troubleshooting.

NOTE: Before you can activate your account, you will need to provide your Distributor with this completed form for each KilnLink box you have purchased.

MySkutt Activation Request Form

Kiln Information

	Kiln 1	Kiln 2	Kiln 3	Kiln 4
Model	_____	_____	_____	_____
Voltage	_____	_____	_____	_____
Phase	_____	_____	_____	_____
Serial Number	_____	_____	_____	_____

KilnLink Box Information

Serial Number (Located on back of the KilnLink Box) _____

Distributor Information

Company Name _____

City _____ State _____ Phone _____

I Purchased My Service Plan Directly From Skutt

Location Information

Company/School District _____

Address _____

City _____ State _____ Zip _____

Phone _____

Primary User (Administrator) Information

Name _____

Phone _____

Email _____

Email this form to kilnlink@skutt.com or fax it to (503) 774-7833.

You may also provide it to your distributor to forward on to Skutt.

Activating KilnLink Service Plan

The Service Plan associated with each kiln begins the first time you login with the kiln connected to the KilnLink Box.

Once your KilnLink has been installed and all the indicator lights are flashing correctly, it is time to login and activate your account. You should have received a temporary User Name and Password when you received the KilnLink Box. If you did not, you will need to contact your Skutt distributor and give them the following information:

- Serial Number (S/N) (located on the side of your KilnLink Box)
- Name
- Location
- Service Plan (1 Yr or 5 Yr)

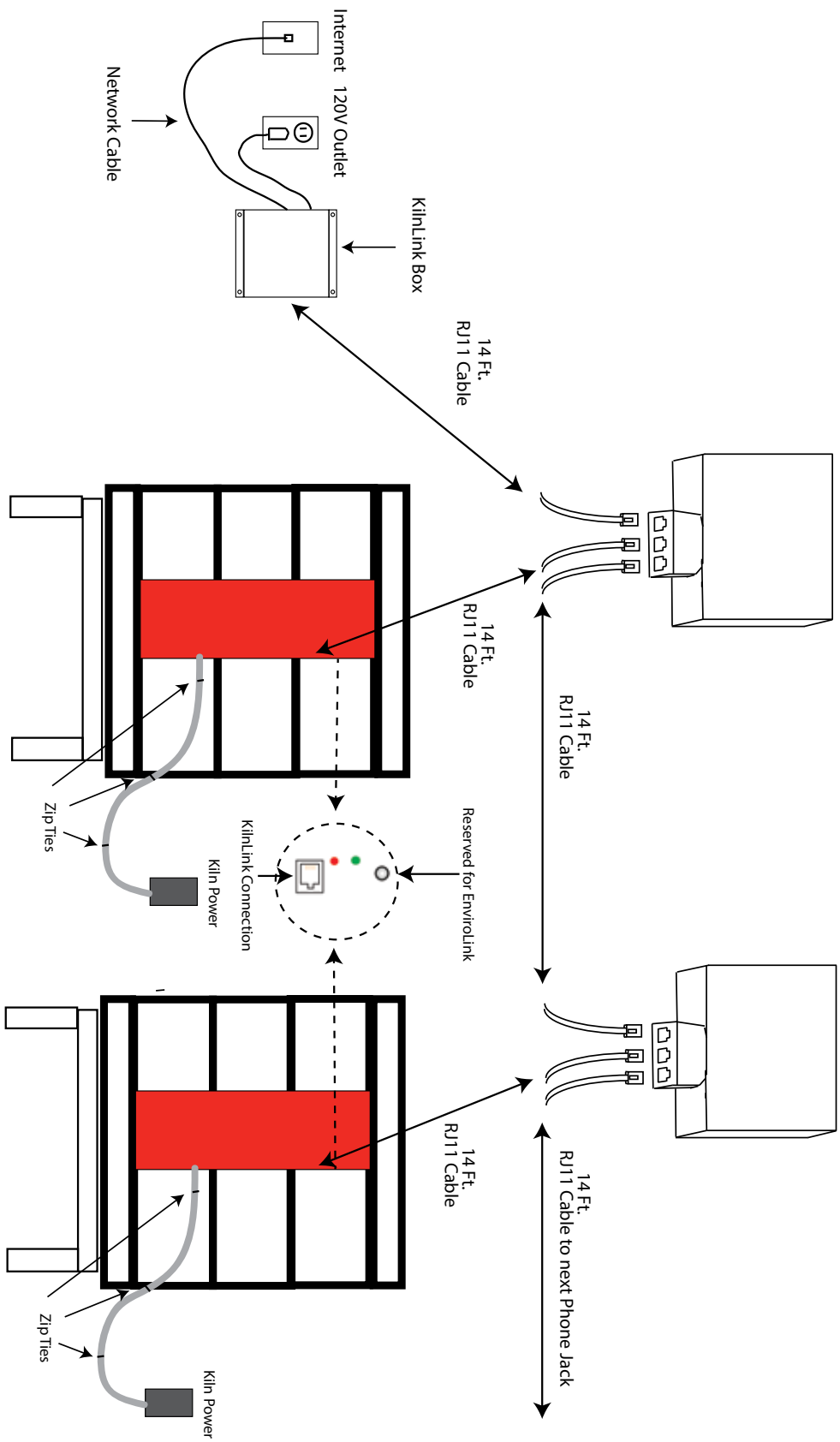
They will then contact a KilnLink administrator to assign you a temporary User Name and Password.

Each KilnLink Box requires its own User Name and Password, so if you have multiple KilnLink Boxes, you will need to login to them independently.

Login Instructions

1. Go to www.myskutt.com
2. Input your temporary User Name and Password. If you are installing an additional unit to an existing KilnLink Box you can login with your current User Name and Password.
3. Click on SUBMIT.

KilnLink - Multiple Kiln Installation



KilnLink - Single Kiln Installation

