



# KilnLink™ Specifications and Installation

## 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
- 25ft RJ11 Cable (Straight through\*) - Kiln to LinkBox Connection
- 1 LinkBoard per Kiln (installed at factory when ordered with new kiln)
- Current Sensor (standard on newer KM models)
- 1 Phone Jack with 3 way splitter (for use with multiple kiln installation)
- 2 - 14 Ft. RJ11 Cable (Straight) - (for use with multiple kiln installation)
- Current firmware in controller. Guaranteed with purchase of kiln manufactured after 7/19/2012.

### 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 kiln.
- 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

- 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 application is to be used.

\* This is not standard phone cord. Use only cords supplied by Skutt.

# KILN LINK INSTALLATION

## Installation Instructions

We recommend setting up your KilnLink system using the phone jacks (as shown in Multiple Kiln Installation diagram on page 4) even if you are installing a system for just one kiln.. This way all of the components are in place when you are ready to add more kilns.

1. Mount your KilnLink box to the wall using appropriate screw for the type of wall material. Locate it within 20ft of your kiln, 320 ft of an Internet connection and within 6 ft of a 120V outlet. Choose a spot high enough on the wall to ensure the unit will not get wet.
2. Plug one end of a Network Cable (not provided) of the appropriate length into an Internet connection and the other end 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) to the wall close enough to the kiln so you can reach the connection on the side of the control box with the 6.5 Ft. cord included with your kit.
4. Plug one end of the 25 ft cord included with your kit into the KilnLink Box and the other end in the far left position in the splitter.
5. Using the 6.5 Ft. cord included with your kit plug one end into the center position of the splitter and the other end into the LinkBoard receptacle on your control box.
6. Take the remaining 6.5 Ft. cord included with your kit and plug it into the far right position on the phone jack splitter. Plug the other end into the far left position of the 3 way splitter of the next phone jack in the system. (If you are only setting up one kiln, coil this wire and hang it on the wall for future use.
7. Plug in the power source to the 120V outlet and the other end into the KilnLink unit.

## 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.

### Link Board

- 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.

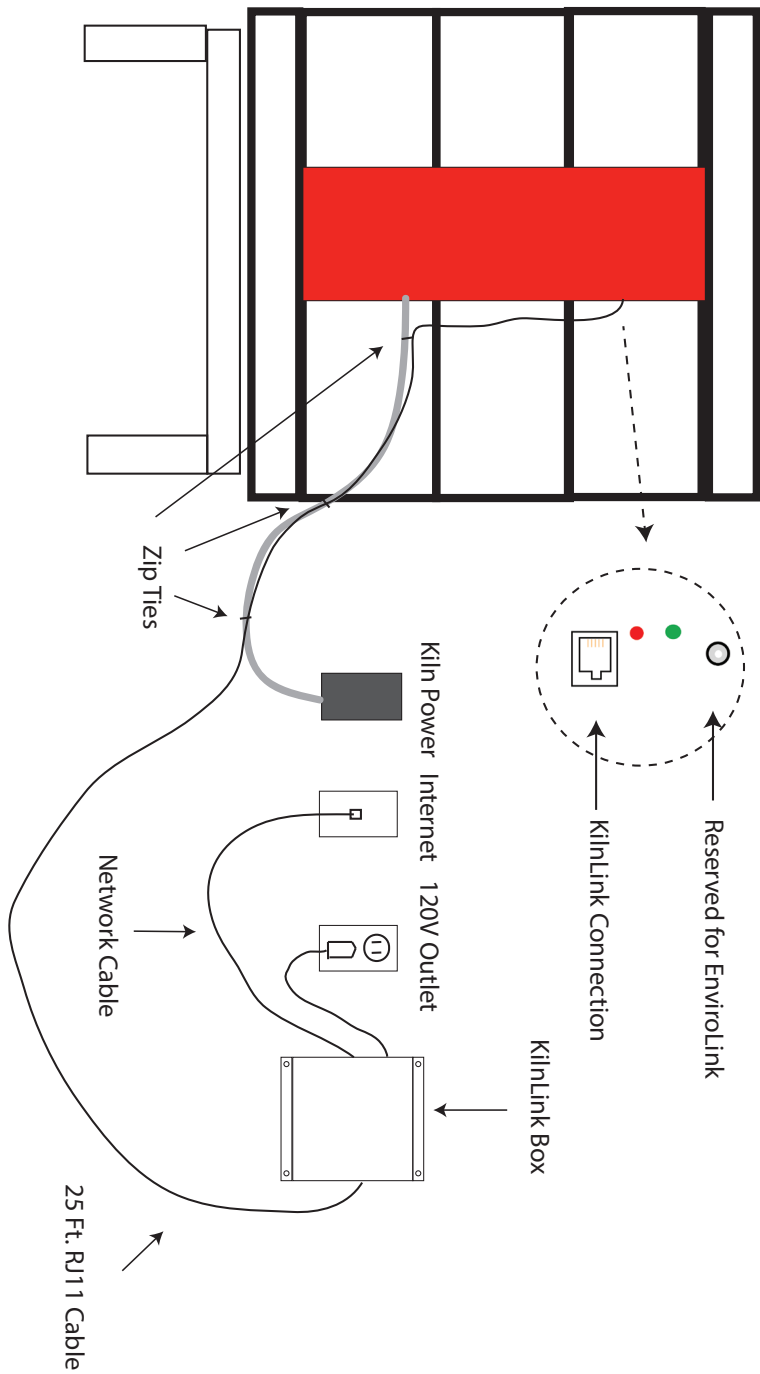
If you have problems connecting, please contact Skutt's Technical Support Department for additional help troubleshooting.

## Configuration and Operation

For instructions on configuring your KilnLink on your computer and directions for use, please visit the Skutt website at [www.skutt.com/kilnlink](http://www.skutt.com/kilnlink) and watch the video featuring Jim Skutt, President of Skutt Ceramic Products Inc. .

# KILN LINK INSTALLATION

## KilnLink - Single Kiln Installation



# KilnLink - Multiple Kiln Installation

