

**IMPORTANT – READ FIRST**

Carefully consider your level of expertise in installing this product. Follow all precautions referred to in this document.

We recommend this product be installed and configured by a trained installation expert.

Warning: Installation shall be in accordance with the applicable section of the National Electrical Code, ANSI/NFPA 70, and/or the national Fire Alarm Code, ANSI/NFPA 72, as applicable.

**IMPORTANT SAFETY INSTRUCTIONS**

1. Read these instructions fully prior to installation.
2. Keep these instructions for future reference.
3. Install and operate in accordance with the manufacturer’s instructions.
4. Adhere to all warnings related to this guide and the product.
5. All accessories and included hardware should be considered the only options for installation.
6. Only the included hardware or related accessories available in this package or from Electric Mirror are considered genuine for the purpose of installation or operations. No substitutes are considered acceptable.
7. Keep away from heat sources including open flame.
8. At least two people are recommended for mirror installation. Mirror glass can be very heavy. If dropped or broken, it may crack or shatter, exposing sharp edges than can inflict bodily harm if proper care is not taken.



9. This product requires an electrical earth ground into the chassis for proper electrical performance and safety. Have a licensed electrician verify if you are unsure.
10. External dimmers are not supported. Use of external dimmers may damage the Keen One-Touch electronics.

**INSTALLATION**

For mirror installation reference the instructions that came with your lighted mirror.

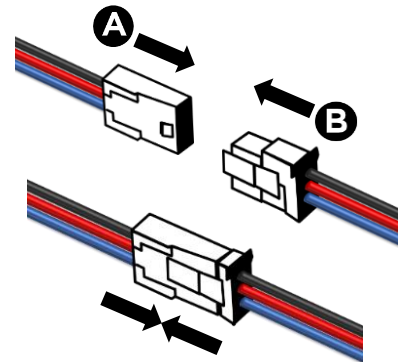
Installation of all accessories or related products should be completed according to their respective installation guidelines, available on electricmirror.com.



1. Turn power off to the electrical circuit at the breaker box.
2. The Keen One-Touch unit is pre-installed on the mirror at the factory. Do not remove the circuit board component.
3. Find the two wire leads and connectors. These are the harness cable connections. One is on the mirror connected to the Keen One-Touch unit, and the other is connected to the chassis. Prior to finishing the installation of the mirror, the Keen One-Touch harness cable connections need to be firmly joined (Fig. 1).

4. Connect **A** into **B**.

Fig. 1



**Harness Cable Connections**

5. Be careful when installing the mirror to not damage the Keen One-Touch component on the back of the mirror.
6. Complete entire installation process for lighted mirrors and accessories prior to re-establishing power at the circuit breaker and the wall switch (if installed).

**OPERATION**

Keen One-Touch uses exclusive technology to achieve preset lighting control of a lighted mirror. The unit is integrated into the back side of the mirror with a leaf icon on the face of the mirror. Preset light levels are quickly engaged with the touch of the leaf icon on the face of the mirror.

Once power is applied via a wall switch or dedicated electrical circuit, touching the capacitive touch leaf icon controls the mirror lighting.

Each touch changes the lighting mode and cycles through the following selections (see reverse).

Five-mode version with off mode (-KC)

Turn on wall switch (optional)	66%	Lighted mirror turns on at 66% light level for general room illumination.
First leaf icon touch	100%	Light level increases to 100%.
Second leaf icon touch	Off	Lighted mirror turns off. Leaf icon remains lit.
Third leaf icon touch	1.5%	Lighted mirror turns on at 1.5% light level for nighttime safety.
Fourth leaf icon touch	33%	Light level increases to 33%.
Fifth leaf icon touch	66%	Light level increases to 66%; cycle starts again.

Four-mode version without off mode (-KD)

Turn on wall switch	66%	Lighted mirror turns on at 66% light level for general room illumination.
First leaf icon touch	100%	Light level increases to 100%.
Second leaf icon touch	1.5%	Lighted mirror turns on at 1.5% light level for nighttime safety.
Third leaf icon touch	33%	Light level increases to 33%.
Fourth leaf icon touch	66%	Light level increases to 66%; cycle starts again.

Automatic Functions

- When light levels are at 66% and 100%: Energy Save mode is engaged. If lights remains on for more than 60 minutes, lighting automatically reduces to 33% light level.
- When Keen One-Touch is in off mode, if not touched for more than 60 minutes, the next touch turns light on to 66% light level. Otherwise a single touch will continue to the 1.5% Night Glow level.

- Night Glow light level 1.5%: Eye-Sensitivity Adjustment gradually reduces light level to 0.1% over 20 minutes as eyes adjust to low light.

**TROUBLESHOOTING**

**Unit does not operate the mirror's lighting**

Note: Do not replace the LED lighting with another brand not provided by Electric Mirror. This will void your warranty. Keen One-Touch is only approved for use with selected LED technology solutions from Electric Mirror.

- Turn off main power at breaker box.
- Carefully remove mirror from chassis.
- Verify the Keen One-Touch harness cables are connected correctly. (See Fig. 1).
- Carefully place mirror back onto the chassis.
- Turn on main power at breaker box, then at the wall switch (if installed).
- Touch the Keen One-Touch leaf icon to verify proper operation. If this does not fix the issue contact Customer Service at 425.776.4946.

**Touch button seems intermittent, flashes or won't respond to touch**

- Turn off main power at breaker box.
- Carefully remove mirror from chassis.
- Verify the Keen One-Touch harness cables are connected correctly. (See Fig. 1).
- Check Keen One-Touch mounting for loose adhesion to the mirror. If it is loose, re-

apply it to the mirror over the leaf icon area.

- Carefully place mirror back onto the chassis.
- Turn on main power at breaker box, then at the wall switch (if installed).
- Touch the leaf icon for proper operation. If this does not fix the issue, contact Customer Service at 425.776.4946.

**Button is not receiving power or the leaf icon is not lit**

- Visually confirm there is power coming to the mirror. Make sure the wall switch, if installed, is in the on position. If you have two or more switches controlling the same circuit in the room, toggle them to alternate positions to see if the mirror illuminates. Verify the power to this circuit is on at the breaker box. If these suggestions do not fix the issue, go to #2, otherwise #6.
- Turn off main power at breaker box.
- Carefully remove mirror from chassis.
- Verify the Keen One-Touch harness cables are connected correctly. (See Fig. 1).
- Using a multi-meter, test the power supply in the chassis for power. If there is no power, refer to the mirror installation instructions that came with the mirror.
- Carefully place mirror back onto the chassis.
- Turn on main power at breaker box, then at the wall switch (if installed).
- Touch the leaf icon for proper operation. If this does not fix the issue, contact Customer Service at 425.776.4946.