

# KICKER® KEY500.1™ Mono Amplifier

## Quick-Start Guide



Dear Music Enthusiast,

Thank you and congratulations on your purchase of the Kicker KEY500.1 smart audio amplifier! The KEY-Series amplifier combines our time proven audio designs with state-of-the-art patented digital technology, to provide the best audio performance in a vehicle. The KEY amplifier uses digital circuitry for gain-matching, frequency crossover control, AutoEQ, Compression, Limiter, Time Delay and more, that automatically tunes your system to audiophile performance in your vehicle. It's the best of all worlds, packed into a tiny powerhouse amp that delivers our signature Kicker Performance for your musical enjoyment.

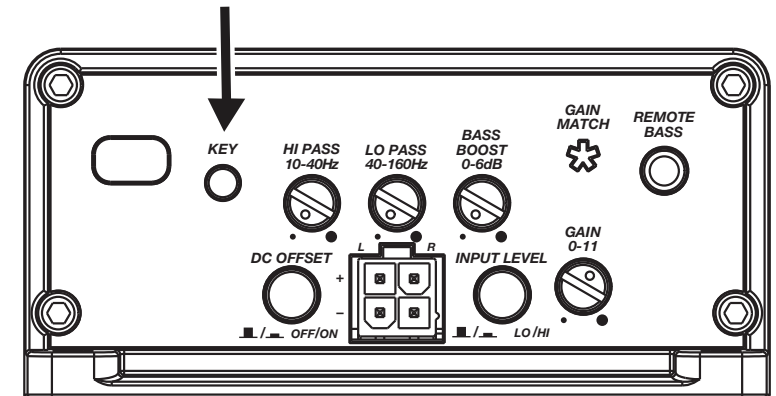
Sincerely  
Steve Irby  
President/CEO

**KEY Auto Setup:** Once the KEY has been wired and mounted, it's time to analyze and optimize the signal from your source unit.

1. Set the KEY amplifier gain to the minimum. Place all settings in the signal chain, such as the EQ on your head unit, to disabled or flat.
2. Press and hold the key button for 5 seconds to put the amplifier into gain match mode. Start the 50Hz test tone track and turn your source unit's volume to ¾.
3. Slowly turn the amplifier gain up until the gain match LED illuminates and then turn down until it is no longer on. Stop the track. Press the KEY button once to exit gain match mode.
4. Press and hold the Key button for 3 seconds to begin the auto setup process. Start the Key Sine Sweep track and allow it to run for 1.5 minutes.
5. Once the Auto Setup has completed, you will see the Green PWR LED flash rapidly. You may quick-press the KEY Activation Button, using the Gain Match LED as a visual aid, to toggle between the original, non-optimized audio (two flashes) or re-apply the KEY optimized audio (one flash).

Upon successful completion, if you wish to clear the Auto Setup settings and revert the KEY amp to “clean”, press and hold the KEY Activation Button for 10 seconds. You can then repeat the Auto Setup process if desired.

If the Auto Setup process did not complete successfully, you will see the Red PRT LED flash rapidly. Check the wiring and output of your audio source, then run Auto Setup again.



IMPORTANT: KICKER recommends a professional installation performed by licensed providers. You are solely responsible for safely mounting and wiring your products.

Looking for dependable car amplifiers? Rely on KICKER for quality and long-lasting products.