

# NM-kickAMP-40

## 40 Watt Stereo Amplifier Miniature Class-D Digital Audio Amp



The NetMedia® kickAMP™ is a miniature digital Class-D 40 Watt (2 x 20W) stereo audio amplifier that enables laptop computers, musical instruments, and portable media players (iPod®, MP3/CD/DVD players) to drive audio through conventional floor, wall, bookshelf, or ceiling speakers. Designed for consumers on the go, kickAMP-40™ is perfect for homes, hotels, dormitories, churches, barracks, or anywhere its small size and big sound will enhance work or play.

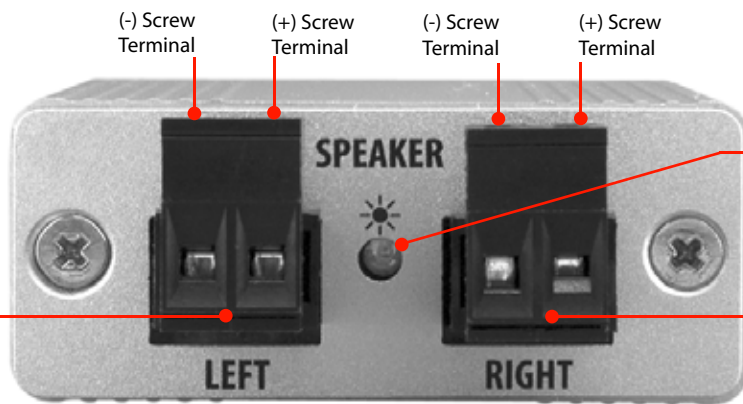
### Product Includes:

1. Amplifier Assembly (Left and Right Speaker Connectors, Audio Input Connector, Power Input Connector, Power LED).
2. 3.5mm Male-to-Male Stereo Audio Cable.
3. 24V DC 2A Power Transformer.



**Audio Input**  
Stereo input connects to audio source with included Audio Cable.

**Power Input**  
Connects 24V DC 2A power. **You must connect power transformer here before plugging it into the wall.**



**Left Speaker Output**  
Use quick-connector to easily attach and detach left speaker for maximum portability.

**Power LED**  
Indicates that amplifier is properly powered on.

**Right Speaker Output**  
Use quick-connector to easily attach and detach left speaker for maximum portability.

## FEATURES

Class-D stereo digital 40 Watt audio amplifier  
Works with iPod®, laptops, MP3/CD/DVD players  
Small, light, durable, for portable sound power  
Drives floor, bookshelf, ceiling, and wall speakers  
Speaker quick-connectors for easy portability  
Runs cool and green at 92% efficiency  
Quiet, fanless operation  
Rugged aluminum case  
Includes 24V DC 2 Amp Power Supply  
1 year limited warranty

## SPECIFICATIONS

Output:	40 Watts @ 8 ohms (2 x 20 W)
THD:	0.11% at 50% Power
Signal to Noise Ratio:	> 99dB
Input Impedance:	16K ohms
Audio Input Voltage:	0-4V peak to peak
Power Requirement:	24V DC 2A
Size:	2.7" long x 2.2" wide x 1.0" high
Weight:	5.6 oz.

(subject to change without notice)

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# NM-kickAMP-40

## Setup Procedures:

1. Connect each speaker wire's "+" and "-" leads to the kickAMP's Left and Right Speaker Output "+" and "-" terminals. Tighten the terminal screws to secure the connections. You may also detach the quick-connectors from the amplifier assembly to aid installation or to easily move the unit between locations. **To avoid damage to speakers, ensure that they are rated to safely handle the amplifier's 20 Watt per speaker maximum output.**
2. **Make sure the audio source has a volume control and that the volume is set to a low level.** Insert one end of the Audio Cable's 3.5mm plug into the kickAMP's Audio Input connector. Insert the other end of the Audio Cable into the audio source's headphone or speaker output.
3. Connect the 24V DC 2A power transformer to the kickAMP's Power Input connector. Connect the other end of the power transformer to an AC outlet; **you must connect the transformer to the kickAMP before plugging it into the AC outlet.**
4. Start the audio source and slowly increase the volume to the desired level.

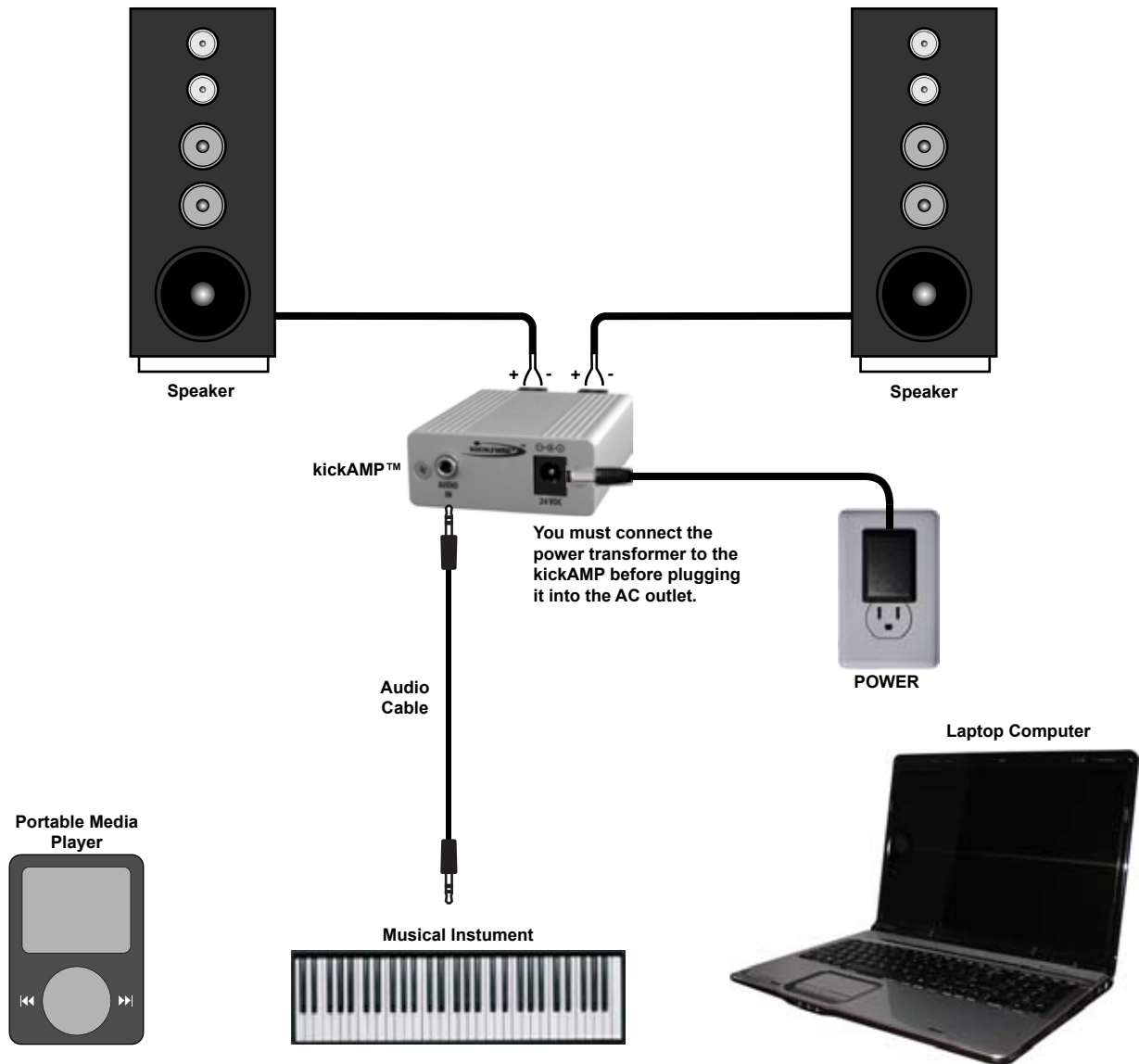


Figure 1 - Connecting the kickAMP to power, speakers, and various audio sources such as a portable media player, a musical instrument, or a laptop computer.

# 40 Watt Stereo Amplifier

## Miniature Class-D Digital Audio Amp



### FCC Information (U.S.A.):

Important: This product, when installed as specified below, meets FCC requirements. Modifications not expressly approved by NetMedia may void your authority, granted by the FCC, to use the product. Failure to follow all installation instructions could void your FCC authorization to use the product in the USA.

Compliance Information Statement  
(Declaration of Conformity Procedure)

We,  
NetMedia, Inc.  
10940 N. Stallard Pl.  
Tucson, AZ 85737  
(520-544-4567)  
declare under our sole responsibility that the following products,

Type of Equipment: Audio Amplifier

Model: NM-kickAMP-40

to which this declaration relates are in conformity with the Title 47  
of the US Code of Federal Regulations, Part 15 covering Class B digital devices.

Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio or television communications. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- \* Reorient or relocate the receiving antenna.
- \* Increase the separation between the equipment and receiver.
- \* Connect the equipment to a different outlet on a circuit other than the one the receiver is connected to.
- \* Consult the dealer or an experienced radio/TV technician for help.

### One Year Limited Warranty

NetMedia, Inc. warrants this product to be free from defects in materials and workmanship under normal use and service for One Year from the date of purchase or NetMedia will repair or, at its option, replace the defective product. Please keep your purchase receipt. In the unlikely event that you need warranty service, call NetMedia at 1-520-544-4567 for a Return Material Authorization (RMA) number. Then, return the product, with the RMA number clearly marked on the package, by a traceable method with freight pre-paid and accompanied by a copy of the purchase receipt to:

Attn: Customer Service, NetMedia, Inc. 10940 N. Stallard Place, Tucson, AZ 85737-9527

No expressed or implied warranty is made for any defects in this product which result from accident, abuse, failure to operate the product in accordance with relevant instructions, neglect, immersion in or exposure to chemicals or liquid, extreme climate, excessive wear and tear and defect resulting from other extraneous causes such as unauthorized disassembly, repair and or modification. Any implied warranty arising from the sale of this product, including implied warranties of merchantability and fitness for a particular purpose, are limited to the warranty stated above. NetMedia shall not be responsible for any loss, damages or expenses, whether direct, consequential or incidental that arise from the use or inability to use this product. Some states do not allow limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

## Frequently Asked Questions

### Q- Why aren't there any volume or other controls on the kickAMP™?

A- Volume, equalization, and left/right balance are centrally controlled by the audio input device. Therefore, the audio device must have at least a volume control in order to connect it to the kickAMP.

### Q- Why does the sound sometimes cut out when I'm playing my music loud?

A- The kickAMP's automatic protection circuitry is momentarily shutting the unit down. This prevents damage to the amplifier when the audio source volume is too high or the peak demand exceeds the amplifier's capacity. This shut-off is not intended to protect the speakers.

### Q- Why don't my speakers work anymore?

A- First, make sure that the wires are properly connected to both the speakers and the amplifier. Make sure no strands of speaker wire are shorting + and -. If everything else is good, then you may have damaged the speakers. **To avoid damage to speakers, ensure that they are rated to safely handle the amplifier's 20 Watt per speaker maximum output.**

### Q- Why do I still hear sound or still see the Power LED lit after I unplug power?

A- The amplifier design uses many capacitors, which store extra energy like batteries, to ensure that it has enough power for the sudden peak demands which are common in music. It takes a few seconds after unplugging, for all the capacitors to discharge enough to quit driving the speakers and around a minute before the power is too low for the blue LED. Turn the audio source off before disconnecting power to avoid hearing music afterwards.

### Q- Why is there sometimes a spark when I connect power to the amplifier?

A- The amplifier's high power requirements increase the potential for sparking/arcing between the case and the transformer's connector tip. The amplifier's case is grounded to reduce the risk of damage but to avoid this effect, **you must connect the power transformer to the amplifier before plugging it into the AC outlet.**

### Q- Why do the speaker connectors stick out so far?

A- The connectors are designed to quickly attach and detach speakers to or from the amplifier for maximum portability. They can be disconnected by pulling them straight out and reconnected by pushing them in until they click (see Figure 2). Use more connectors (available from NetMedia) to integrate additional speakers and locations into your kickAMP sound empire.



Figure 2 - Attach and detach the kickAMP's speaker quick-connectors for maximum amplifier portability.