

Nemesis Student Bass Amplifier

OPERATION MANUAL

Covering Models N12, N15 and N28

FOREWORD

Congratulations on the purchase of your new light-weight NEMESIS N-Series Combo Amplifier system. All of us at Eden are totally committed to providing you with the very best Bass Guitar systems in their class in the world.

Our goals are to offer you the outstanding performance quality of a top-notch, professional Bass Amplification system at a reasonable price point, and to make the NEMESIS N SERIES line such a great value that you really can't afford not to own one.

The Nemesis Combo line is the result of our research and development in combining high performance and compact size together with lightweight construction and great value. It offers a great performance value for the Bass student (and teacher) and the working Bass player alike. A skilled craftsman needs good quality tools that won't let him down on the job and so does a good musician.

GENERAL FEATURES

	N-12	N-15	N-28
Power @ 4 Ohms	150W	200W	200W
Eden-designed Speaker	12"	15"	2 x 8"
Frequency Response	42Hz-12KHz	38Hz-10KHz	42Hz-13KHz
AGC Compression	YES	YES	YES
EQ Controls	3-band	3-band	3-band
Enhance Control	YES	YES	YES
DI OUT (XLR-type)	NO	YES	YES
Kickback Cabinet	YES	YES	YES
Dimensions (h-w-d)	20.5-18.5-13	25-18.5-17.25	20.5-18.5-15.5
Weight	43	45	41

CAUTION!

Your ears are your most important piece of equipment. Unfortunately, they cannot be replaced as easily as your other gear. Please take the following warning seriously.

This product, when used in combination with amplification and/or additional loudspeakers may be capable of producing sound levels that could cause permanent hearing loss. DO NOT operate at high volume levels or at a level that is uncomfortable. If you experience any discomfort or ringing in the ears or suspect hearing loss, you should consult an audiologist.

Thank you for your purchase of an Eden Bass Guitar product. This unit has been designed and constructed to give you years of trouble-free service.

Please take the time to review this manual and to send in your warranty registration card.

SET UP AND GETTING STARTED

Before turning on your Nemesis Combo, you need to do a few things first. If your unit was shipped directly to you from a dealer, check carefully for hidden freight damage before you attempt to operate the unit. If you find any damage, notify your dealer and the freight line immediately. If you picked up your unit from your dealer, it was probably set up and tested out already. Just in case, we suggest that you go through the set up now.

INITIAL SET UP

Before you plug in your unit for the first time, please do the following things. *First, turn the power switch to the off position. Check the back of your unit for the correct voltage notation for your county of operation.*

Once you've ensured correct voltage, set the Gain control to Minimum (0). Set the tone controls to center position (12:00 or 0). Next, plug in the power cord to the AC inlet on the back of the unit. *Use only a safe grounded receptacle for proper operation at the correct voltage for your country.* Double Check to make certain your amplifier is set for the correct voltage in your country.

Once you've completed the steps above, you can plug in your Bass and turn on the unit. Turn the volume up until you reach a comfortable sound level.

OPERATION & DESCRIPTION of CONTROLS

INPUT JACK

The Input Jack will accept most Bass Guitar output levels. If you have a dual-battery Bass with output in excess of +10dB, you will probably have to turn the output of your Bass down to avoid clipping the input. The jacks will accept most passive and active Basses.

TONE CONTROLS

Your new combo features a 3-band EQ section – Bass, Mid and Treble. When shaping your sound, always begin with these controls set FLAT (12:00). Make changes a little at a time. Too much EQ in any band can cause your sound to be muddy, and that's a **Very Bad Thing**.

ENHANCE CONTROL

This is a great sounding feature, seldom found on amplifiers at this price level. The Enhance control is a complex tone Pre-shaping curve that is set up to optimize your bass sound. It is designed to boost the low frequencies and upper midrange while at the same time reducing the lower midrange frequencies. The Enhance control is a quick and easy way to a quality bass tone. To try it out, set all the other tone controls to flat. Then rotate the Enhance control to around 9:00 to 11:00 for the full effect. This range is typically the best area for operation. The Enhance can also be used with the other tone controls.

GAIN CONTROL

This control regulates the first amplification stage and controls the gain of the first stage in the overall system. The compressor automatically tracks the input level and follows the gain. This is a fixed-threshold type compressor. You control the compressor threshold by setting the gain higher or lower; depending on how much compression effect you want. The compressor is also provided with a bypass switch to defeat the compressor operation if desired. For most instruments, you should set the control between 9:00 and 3:00 to match your instrument and playing style to the amplifier.

HEADPHONE OUTPUT/ Aux. Line Out

This jack provides the output for headphones for practicing. If you switch off the internal speaker, you can use your amplifier to rehearse with just the headphones. It can also be used as an Aux. line level output to run additional amplifiers. This output will function as the final master control and the additional amplifiers will be slaved to it.

D.C. INDICATOR

This indicates that both the D.C. power supplies are operating properly and the amplifier is turned on.

BACK PANEL FEATURES

VERY IMPORTANT NOTE: The unit is set at the factory to operate at the correct voltage for your country. It cannot be changed.

A.C. FUSE

The fuse for US operation is a 2.5 Amp. 5x20 MM slow-blow type fuse. In Europe, use a 1.2 Amp or 1.6 Amp 240v slow-blow fuse and the appropriate AC connector for your country. *Make certain that your unit is set for the correct voltage for your country.*

HEAVY DUTY PROFESSIONAL USE

The Nemesis N Series Combos are primarily designed for personal practice. Your unit is designed to be played hard and to hold up well. However, it is not designed to replace, or to perform as loudly as, the more powerful Eden separate systems. If you find you are pushing your amplifier so hard that you are encountering thermal standby and shut down on more than a very occasional basis, you are pushing the unit well above the intended operating parameters and should consider stepping up to a bigger rig.

SETTING UP YOUR OWN SOUND

Start by setting the pre-amplifier tone controls to the flat position. Set the Master volume control to 0. Set all the tone controls to 0. Plug in your Bass and turn on your unit. Set the Gain control to around 10:00 and move the master up to around 11:00, or to a comfortable listening level.

To sum things up, you will always have the best results creating a great bass tone around the natural tone of your instrument. Use the minimum amount of EQ required to get your sound.

SPEAKER BREAK IN

It is recommended that you play for a few hours at low to medium volume before you push your new Combo to the max. This will extend the life of the speaker system.

FOR YOUR SAFETY

Always use a correctly grounded receptacle for your Amplifier A.C. receptacle. If your fuse should ever need replacement *use only the same size and type* that came with your unit from the factory.

WARRANTY

Your Nemesis N Series combo comes with a two-year warranty described in the warranty section of the manual. If you have any questions about your unit, or encounter any problems with your unit, please contact your local Dealer or Distributor for assistance, or contact us directly by calling 1-847-949-0444; ask for the Nemesis Customer Service.

The USM Service Dept. is open Monday through Friday between 8:30 AM and 5:00 PM Central Time. U S Music Corp. is located at 444 East Courtland St., Mundelein, IL 60060 USA.

You can also contact us via the Internet at info@usmusiccorp.com. Visit our web sight at www.eden-electronics.com.

International customers please contact your local Dealer or Distributor.

Learn More – If you'd like to learn more about your amplifier (or about our company and its activities), we invite you to visit our website – www.eden-electronics.com. There you'll find articles to help you better understand our products and the technical stuff some people find so interesting. You'll also find our FAQ (Frequently Asked Questions) file, which is updated regularly.

While you're there, check out our on-line forum. There you can meet hundreds of other Edenites who'll be glad to help you with any questions you may have about our gear. Not to brag too much, but we think our forum is a **Really Neat Thing**, filled with **Really Neat People**. We're pretty sure you'll think so, too.

Service – In the event of amplifier malfunction, or questions about your unit's operating features that aren't answered in this manual or on our website, you should contact your Dealer. Once you and your dealer have determined it's definitely a malfunction (and not an operator error) you must call our Customer Service Department and **obtain a Return Merchandise Authorization (RMA)**. We WILL NOT accept any gear sent without an RMA, so save the time and money by calling first, ok?

Please Note – International purchasers need to contact their local dealer or distributor for warranty terms, conditions and service providers in their own countries.