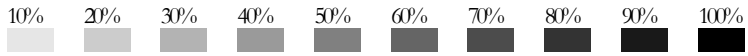


# **PicoVerb**

**Reference Manual**

**ALESIS**

This page intentionally left blank



# Table Of Contents

<b>Introduction.....</b>	<b>3</b>
Welcome! .....	3
<b>About the PicoVerb .....</b>	<b>4</b>
PicoVerb Key Features .....	4
What you can do with your PicoVerb .....	5
<b>How to Use This Manual .....</b>	<b>6</b>
<b>Important Safety Instructions</b>	
(English).....	7
(French).....	9
(German) .....	11
<b>CE Declaration Of Conformity.....</b>	<b>13</b>
<b>FCC Compliance Statement .....</b>	<b>13</b>
<b>Chapter 1: Quick Start Guide.....</b>	<b>15</b>
Step 1: Hook it up to a mixer.....	15
Step 2: Try some effects.....	16
<b>Chapter 2: Connections.....</b>	<b>17</b>
Unpacking and Inspection .....	17
AC Power Hookup.....	17
Connecting to an Instrument or Microphone .....	18
Connecting to the Effects Send and Return of a mixing console .....	18
Connecting to the Channel Inserts of a mixing console .....	19
Connecting to the Main Inserts of a.....	20
mixing console.....	20
<b>Chapter 3: Description of Programs .....</b>	<b>23</b>
Reverb Effects .....	23
Modulation Effects .....	24
Delay Effects.....	24
Multi Effects .....	24
Full Mix Effect.....	25
Rotating Speaker Effect.....	25

<b>Chapter 4: Troubleshooting Index</b> .....	27
Audio Input.....	29
Audio Output.....	29
Audio Performance.....	29
Mechanical:.....	29

<b>Alesis Limited Warranty</b> .....	31
--------------------------------------	----

<b>Alesis Contact Information</b> .....	32
---	----

# Introduction

## Welcome!

Thank you for making the Alesis PicoVerb™ a part of your studio. Since 1984, we've been designing and building creative tools for the audio community. We believe in our products, because we've heard the results that creative people like you have achieved with them. One of Alesis' goals is to make high-quality studio equipment available to everyone, and this Reference Manual is an important part of that. After all, there's no point in making equipment with all kinds of capabilities if no one explains how to use them. So, we try to write our manuals as carefully as we build our products.

The goal of this manual is to get you the information you need as quickly as possible, with a minimum of hassle. We hope we've achieved that. If not, please drop us an email and give us your suggestions on how we could improve future editions of this manual.

We hope your investment will bring you many years of creative enjoyment and help you achieve your goals.

Sincerely,  
The people of Alesis

***For more effective service and product update notices, please register your PicoVerb online at:***

***<http://www.alesis.com/support/warranty.htm>***

# Introduction

## About the PicoVerb

Alesis, the company that created affordable effects processing with the introduction of the MidiVerb, now offers the PicoVerb Compact Effects Processor. Following in the grand tradition of the MidiVerb, MicroVerb and NanoVerb products, the PicoVerb comes complete with 16 studio quality 24-bit digital effects in a compact, easy to use package. The PicoVerb is suitable for use in everything from guitar rigs to professional recording studios.

## PicoVerb Key Features

- 16 preset studio quality 24-bit effects including 2 Halls, 3 Rooms, 3 Plates, Chorus, Flange, 2 Delays, 2 Chorus / Rooms, Vocal Eliminator and Rotary Speaker Effect.
- High-quality 24-bit true stereo signal path.
- Easy, consistent operation from the front panel with no paging through windows of parameters on cryptic LCDs.
- Included external 9VAC power supply for low noise, hum-free operation.

## What you can do with your PicoVerb

When you have the PicoVerb properly connected, you can:

- add space or “room sound” to dry or sterile sounds using the Halls, Rooms and Plates reverberators.
- create a lively ensemble effect from a single instrument or static section using the Chorus program.
- introduce a classic warm, metallic sweeping effect that simulates analog tape fluctuation using the Flange program.
- add echoes (multiple repeats) to your source with the Delay programs.
- animate your instruments by adding the ensemble effect along with the reverberation effect with the Chorus / Room programs.
- remove the vocal and other lead instruments from an existing recording with the Vocal Eliminator program.
- apply the lush modulation effect of a spinning organ speaker horn with the Rotary Speaker program.

# Introduction

## How to Use This Manual

This manual is divided into the following sections describing the various functions and applications for the PicoVerb. While it's a good idea to read through the entire manual once carefully, those having general knowledge about studio equipment should use the table of contents to look up specific functions.


*Chapter 1: Quick Start.* If you're already experienced with recording, this will get you started using the PicoVerb right away. It's a short guide to the essential elements of hooking it up and using it for the first time. A brief tour of the front and back panels is included.

*Chapter 2: Connection* give detailed instructions for connecting the PicoVerb to a variety of typical audio systems.

*Chapter 3: Description of Programs* gives you a detailed explanation of each of the PicoVerb's 16 effects programs.

*Chapter 4: Troubleshooting.* Refer to this chapter if you experience any problems while using the PicoVerb.

*Helpful tips and advice are highlighted in a shaded box like this*

 *When something important appears in the manual, an exclamation mark (like the one shown at left) will appear with some explanatory text. This symbol indicates that this information is vital when operating the PicoVerb.*



# Important Safety Instructions

## Important Safety Instructions (English)

### Safety symbols used in this product



This symbol alerts the user that there are important operating and maintenance instructions in the literature accompanying this unit.



This symbol warns the user of uninsulated voltage within the unit that can cause dangerous electric shocks.



This symbol warns the user that output connectors contain voltages that can cause dangerous electrical shock.

### Please follow these precautions when using this product:



1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a damp cloth. Do not spray any liquid cleaner onto the faceplate, as this may damage the front panel controls or cause a dangerous condition.
7. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Use only attachments or accessories specified by the manufacturer.

Continued next page

## Important Safety Instructions



12. Use only with a cart, stand, bracket, or table designed for use with professional audio or music equipment. In any installation, make sure that injury or damage will not result from cables pulling on the apparatus and its mounting. If a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.

14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

15. This unit produces heat when operated normally. Operate in a well-ventilated area with at least six inches of clearance from peripheral equipment.

16. This product, in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.

17. Do not expose the apparatus to dripping or splashing. Do not place objects filled with liquids (flower vases, soft drink cans, coffee cups) on the apparatus.

18. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

## Instructions de Sécurité Importantes (French)

### Symboles utilisés dans ce produit



Ce symbole alerte l'utilisateur qu'il existe des instructions de fonctionnement et de maintenance dans la documentation jointe avec ce produit.



Ce symbole avertit l'utilisateur de la présence d'une tension non isolée à l'intérieur de l'appareil pouvant engendrer des chocs électriques.



Ce symbole prévient l'utilisateur de la présence de tensions sur les raccords de sorties, représentant un risque d'électrocution.

### Veillez suivre ces précautions lors de l'utilisation de l'appareil:



1. Lisez ces instructions.
2. Gardez ces instructions.
3. Tenez compte de tous les avertissements.
4. Suivez toutes les instructions.
5. N'utilisez pas cet appareil à proximité de l'eau.
6. Ne nettoyez qu'avec un chiffon humide. Il est potentiellement dangereux d'utiliser des pulvérisateurs ou nettoyants liquides sur cet appareil.
7. Installez selon les recommandations du constructeur.
8. Ne pas installer à proximité de sources de chaleur comme radiateurs, cuisinière ou autres appareils (dont les amplificateurs) produisant de la chaleur.
9. Ne pas enlever la prise de terre du cordon secteur. Une prise murale avec terre deux broches et une troisième reliée à la terre. Cette dernière est présente pour votre sécurité. Si le cordon secteur ne rentre pas dans la prise de courant, demandez à un électricien qualifié de remplacer la prise.
10. Évitez de marcher sur le cordon secteur ou de le pincer, en particulier au niveau de la prise, et aux endroits où il sort de l'appareil.
11. N'utilisez que des accessoires spécifiés par le constructeur.

Suite de la page suivante

## Important Safety Instructions



12. N'utilisez qu'avec un stand, ou table conçus pour l'utilisation d'audio professionnel ou instruments de musique. Dans toute installation, veillez de ne rien endommager à cause de câbles qui tirent sur des appareils et leur support.



13. Débranchez l'appareil lors d'un orage ou lorsqu'il n'est pas utilisé pendant longtemps.

14. Faites réparer par un personnel qualifié. Une réparation est nécessaire lorsque l'appareil a été endommagé de quelque sorte que ce soit, par exemple lorsque le cordon secteur ou la prise sont endommagés, si du liquide a coulé ou des objets se sont introduits dans l'appareil, si celui-ci a été exposé à la pluie ou à l'humidité, ne fonctionne pas normalement ou est tombé.

15. Puisque son fonctionnement normale génère de la chaleur, placez cet appareil au moins 15cm. des équipements périphériques et assurez que l'emplacement permet la circulation de l'air.

16. Ce produit, utilisé avec un amplificateur et un casque ou des enceintes, est capable de produire des niveaux sonores pouvant engendrer une perte permanente de l'ouïe. Ne l'utilisez pas pendant longtemps à un niveau sonore élevé ou à un niveau non confortable. Si vous remarquez une perte de l'ouïe ou un bourdonnement dans les oreilles, consultez un spécialiste.

17. N'exposez pas l'appareil à l'égoutture ou à l'éclaboussement. Ne placez pas les objets remplis de liquides (vases à fleur, boîtes de boisson non alcoolique, tasses de café) sur l'appareil.

18. AVERTISSEMENT: Pour réduire le risque du feu ou de décharge électrique, n'exposez pas cet appareil à la pluie ou à l'humidité.

# Important Safety Instructions

## Lesen Sie bitte die folgende Sicherheitshinweise (German)

### Sicherheit Symbole verwendet in diesem Produkt



Dieses Symbol alarmiert den Benutzer, daß es wichtige Funktionen und Wartung Anweisungen in der Literatur gibt, die diese Maßeinheit begleitet.



Dieses Symbol warnt den Benutzer der nicht isolierten Spannung innerhalb der Maßeinheit, die gefährliche elektrische Schläge verursachen kann.



Dieses Symbol warnt den Benutzer, dem Ausgabestecker Spannungen enthalten, die gefährlichen elektrischen Schlag verursachen können.

### Folgen Sie bitte diesen Vorkehrungen, wenn dieses Produkt verwendet wird:



1. Lesen Sie die Hinweise.
2. Halten Sie sich an die Anleitung.
3. Beachten Sie alle Warnungen.
4. Beachten Sie alle Hinweise.
5. Bringen Sie das Gerät nie mit Wasser in Berührung.
6. Verwenden Sie zur Reinigung nur ein weiches Tuch. Verwenden Sie keine flüssigen Reinigungsmittel. Dies kann gefährliche Folgen haben.
7. Halten Sie sich beim Aufbau des Gerätes an die Angaben des Herstellers.
8. Stellen Sie das Gerät nicht in der Nähe von Heizkörpern, Heizungsklappen oder anderen Wärmequellen (einschließlich Verstärkern) auf.
9. Verfehlen Sie nicht den Zweck des grounding Terminals auf dem Netzstecker. Dieses Terminal wird für Ihre Sicherheit zur Verfügung gestellt.
10. Verlegen Sie das Netzkabel des Gerätes niemals so, daß man darüber stolpern kann oder daß es gequetscht wird.
11. Benutzen Sie nur das vom Hersteller empfohlene Zubehör.

Fortsetzung auf nächster Seite

# Important Safety Instructions



12. Verwenden Sie ausschließlich Wagen, Ständer, oder Tische, die speziell für professionelle Audio- und Musikinstrumente geeignet sind. Achten Sie immer darauf, daß die jeweiligen Geräte sicher installiert sind, um Schäden und Verletzungen zu vermeiden. Wenn Sie einen Rollwagen benutzen, achten Sie darauf, das dieser nicht umkippt, um Verletzungen auszuschließen.

13. Ziehen Sie während eines Gewitters oder wenn Sie das Gerät über einen längeren Zeitraum nicht benutzen den Netzstecker aus der Steckdose.



14. Die Wartung sollte nur durch qualifiziertes Fachpersonal erfolgen. Die Wartung wird notwendig, wenn das Gerät beschädigt wurde oder aber das Stromkabel oder der Stecker, Gegenstände oder Flüssigkeit in das Gerät gelangt sind, das Gerät dem Regen oder Feuchtigkeit ausgesetzt war und deshalb nicht mehr normal arbeitet oder heruntergefallen ist.
15. Dieses Gerät produziert auch im normalen Betrieb Wärme. Achten Sie deshalb auf ausreichende Lüftung mit mindestens 15 cm Abstand von anderen Geräten.
16. Dieses Produkt kann in Verbindung mit einem Verstärker und Kopfhörern oder Lautsprechern Lautstärkepegel erzeugen, die anhaltende Gehörschäden verursachen. Betreiben Sie es nicht über längere Zeit mit hoher Lautstärke oder einem Pegel, der Ihnen unangenehm ist. Wenn Sie ein Nachlassen des Gehörs oder ein Klingeln in den Ohren feststellen, sollten Sie einen Ohrenarzt aufsuchen.
17. Setzen Sie den Apparat nicht Bratenfett oder dem Spritzen aus. Plazieren Sie die Nachrichten, die mit Flüssigkeiten (gefüllt werden Blumenvases, Getränk Dosen, Kaffeetassen) nicht auf den Apparat.
18. **WARNING:** um die Gefahr des Feuers oder des elektrischen Schlages zu verringern, setzen Sie diesen Apparat nicht Regen oder Feuchtigkeit aus.

# Important Safety Instructions

## CE Declaration Of Conformity

See our website at:

<http://www.alesis.com>

## FCC Compliance Statement

This device complies with Part 15 of the FCC rules. 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 communications. However, there is no guarantee that 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 into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## **Important Safety Instructions**



## If you can't wait to get started ...

The Alesis PicoVerb is a unique product, but its basic hookup and operation is similar to other effects processors in most respects. If you're experienced with signal processors, this chapter is a "shorthand" guide for those who want to start using the PicoVerb right away. If you have questions about any of the features, don't worry – later chapters will unveil the mysteries of the PicoVerb's special features.

### Step 1: Hook it up to a mixer

1. Pull the PicoVerb out of the package.
2. Plug the supplied power adaptor into the **POWER** jack on the back of the PicoVerb and then into a grounded AC power source.
3. Using a pair of 1/4" cables, plug the effects sends of the mixer to the left and right **INPUTS** on the back of the PicoVerb.
4. Connect the PicoVerb's **OUTPUTS** to the effects return of the mixer.
5. Using a pair of 1/4" cables, plug the effects sends of the mixer to the left and right **INPUTS** on the back of the PicoVerb.
6. Connect the PicoVerb's **OUTPUTS** to the effects return of the mixer.

*For more information on connecting the PicoVerb, see chapter 2: Connections*

# 1 Quick Start Guide

## Step 2: Try some effects

1. Play some audio into the PicoVerb. Turn up your mixer's effects sends to a moderate level and then turn up the level on your effects returns.
2. Adjust the **INPUT** knob on the front of the PicoVerb until you hear a strong, clear signal coming from the unit. If you hear distortion or clipping, turn down the **INPUT** knob until the distortion goes away.
3. Adjust the **MIX** knob on the front of the PicoVerb to set the dry/wet balance of the effect. To hear the effect only, as you will want to do in most effects send / return setups, turn the **MIX** knob fully clockwise.
4. Turn the program knob to change programs on the PicoVerb.

*While learning the unit, it is helpful to play a CD or a multi-track source into the effects processor. Choose a song or part that doesn't change much so that you can take your time experimenting with the different timbres.*

*If you are not hearing any effect, check your connections or try another program. Some programs' effects are easier to hear than others.*

## Unpacking and Inspection

Your PicoVerb was packed carefully at the factory. The shipping carton was designed to protect the unit during shipping. Please retain this container in the highly unlikely event that you need to return the PicoVerb for servicing.

The shipping carton should contain the following items:

- PicoVerb with the same serial number as shown on the shipping carton
- P3 Power Adapter
- This instruction manual

## AC Power Hookup

Plug the female end of the power adapter into the PicoVerb's **9V~POWER INPUT** jack and the male (plug) end into a good quality AC power outlet.

The PicoVerb works with the AC line voltage listed on the P3 adapter that came with the unit. To use the PicoVerb with a different voltage, contact your Alesis dealer for a compatible P3 adapter.

*It's good practice to not plug in the PicoVerb until all other audio cables are hooked up as well. Make sure your amplifier or powered speakers are switched off when turning the PicoVerb on or off to avoid damage.*

## 2 Connections

### Connecting inputs and outputs

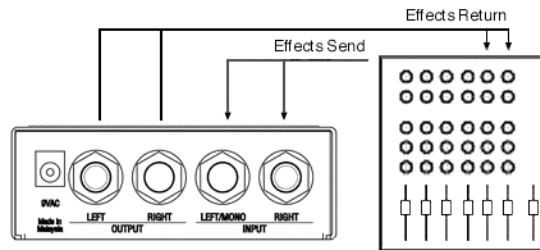
#### Connecting to an Instrument or Microphone

The PicoVerb's INPUT knob has been calibrated to accept "instrument level" signals such as a microphone or guitar input. To use the PicoVerb this way, simply plug the guitar or microphone into one of the PicoVerb's Input jacks and connect the output to an amplifier, mic preamp, mixer or recorder. When using the PicoVerb with a microphone, you may need an XLR to 1/4" adapter (not included).

*When connecting audio cables and / or turning power on and off, make sure that all devices in your system are turned off and the volume controls are turned down.*

#### Connecting to the Effects Send and Return of a mixing console

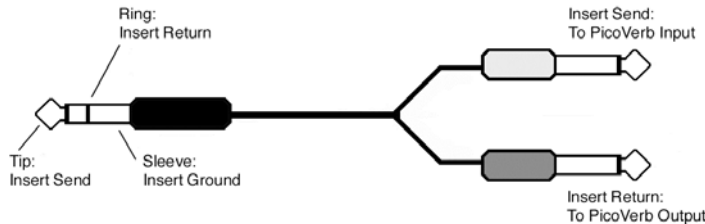
Most mixing consoles have post-fader effects send and return jacks on their rear panels. This is usually the best choice for connecting the PicoVerb as you will be able to use an effect on several sources at once.



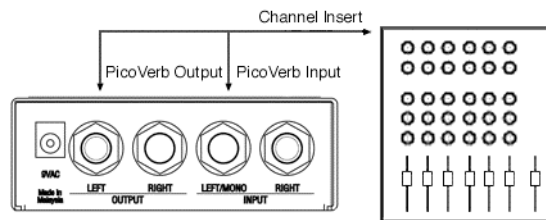
When you connect the PicoVerb in this way, you may hear an odd phasing sound on some of the reverb and delay programs. To prevent this, turn the **MIX** knob fully clockwise (effect only). You can then control the balance between the direct and effect signal with the effects return level control on your mixer.

**Connecting to the Channel Inserts of a mixing console**

Most mixing consoles have a jack near the mic and line inputs labeled “insert”. This is typically a TRS jack with the send and return on the same jack. To use the PicoVerb as a channel insert effect, you will need an insert cable (not included).



This cable splits the TRS insert jack into two unbalanced mono connectors. Usually the tip is connected to the **INPUT** of the effects processor and the ring is connected to the **OUTPUT** of the effects processor. However, this may be reversed on some mixing consoles. Check your mixer’s reference manual to be sure, or you can just try it both ways – plugging it in the wrong way won’t damage the PicoVerb. You may need to raise the mixer’s input trim if the signal coming back from the PicoVerb is too low.



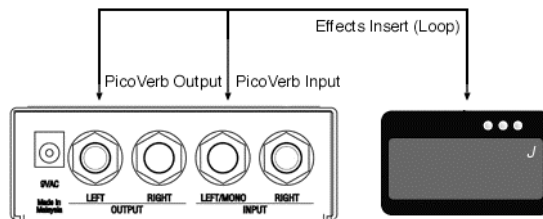
## 2 Connections

### Connecting to the Main Inserts of a mixing console

In addition to channel inserts, most mixing consoles have main insert jacks near the main outputs. You can use insert cables to connect the PicoVerb to the main L/R bus the same way you connect it to a pair of channels. Simply connect one insert cable to the left main insert of the mixer, and then connect the two mono plugs to the left **INPUT** and **OUTPUT** of the PicoVerb. Use another insert cable to connect the right main insert to the right **INPUT** and **OUTPUT** of the PicoVerb.

### Connecting to the Inserts of an instrument amplifier

Guitar and bass amplifiers often have insert points for effects as well. These are typically labeled “effects send and return”, “insert send and return” or “effects loop”.



## About Audio Cables

The connections between the PicoVerb and your studio are music's lifeline, so use only high quality cables. These should be low-capacitance shielded cables with a stranded (not solid) internal conductor and a low-resistance shield. Although quality cables cost more, they do make a difference.

Route cables to the PicoVerb correctly by observing the following precautions:

- Do not bundle audio cables with AC power cords.
- Avoid running audio cables near sources of electromagnetic interference such as transformers, monitors, computers, etc.
- Do not place cables where they can be stepped on. Stepping on a cable may not cause immediate damage, but it can compress the insulation between the center conductor and shield (degrading performance) or reduce the cable's reliability.
- Avoid twisting the cable or having it make sharp, right angle turns.
- Never unplug a cable by pulling on the wire itself. Always unplug by firmly grasping the body of the plug and pulling directly outward.

*It is very important to keep your connectors clean. Every few months, unplug them and wipe off oxidation with a clean cloth soaked in alcohol or contact cleaner. Insert the plugs in the jacks a few times to clean the internal jack contacts. Although Alesis does not endorse any specific product, chemicals such as Tweek and Cramolin, when applied to electrical connectors, are claimed to improve the electrical contact between connectors.*





Your PicoVerb comes from the factory with 16 studio quality preset effects programs. Turn the program select encoder to choose an effects program.

### Reverb Effects

#### **HALL 1**

A large, bright concert hall reverberation effect suitable for vocals and instruments.

#### **HALL 2**

A large, warm concert hall reverberation effect suitable for drums, piano and other instruments.

#### **ROOM 1**

A medium-sized, moderately bright reflective room reverberation effect suitable for vocals, lead guitars and other instruments.

#### **ROOM 2**

A small, very reflective bright room reverberation effect suitable for drums and percussion as well as electric guitars and other instruments.

#### **ROOM 3**

A large, warm room reverberation effect suitable for acoustic instruments.

#### **PLATE 1**

A lush, smooth vocal plate reverb with a long decay time and warm tonality.

#### **PLATE 2**

An emulation of vintage plate reverb with bright, slightly tinny tonality and a medium-length decay.

#### **PLATE 3**

A short, bright plate reverb effective for creating subtle spaces.

## 3 Description of Programs

### Modulation Effects

#### **CHORUS**

A complex, 6-voice chorus ensemble effect with short delays often referred to as a “Chorus / Doubler”. Discrete stereo signal path. Slow and watery.

#### **FLANGE**

Classic stereo flange: a slow, slightly metallic sweep with a discrete stereo signal path.

### Delay Effects

#### **DELAY 1**

A simple slap-back echo with no feedback particularly effective on vocals and rhythm guitars.

#### **DELAY 2**

Medium-length poly-rhythmic delay with crossover feedback. 3 to 4 ratio between L and R delay times (291 to 388ms) for 3/4 vs. 4/4 feel. Useful for solo instruments where a long, trailing echo effect is desired.

### Multi Effects

#### **CHORUS - ROOM 1**

Room reverb into a slow flanging modulation creates a spacey effect.

#### **CHORUS - ROOM 2**

Fast modulation provides a dramatic chorus effect in a small room for a very lush chorus + reverb sound with a discrete stereo signal path.

**Full Mix Effect****VOCAL ELIMINATOR**

This program removes the vocal and lead instruments from the center of the stereo image of most audio sources. Use this to program to remove the lead guitar from your favorite recordings or make your own karaoke mix.

**Rotating Speaker Effect****ROTARY**

Fast rotary speaker simulator creates the classic, lush Doppler effect of an organ's spinning horn. Effective on guitars, vocals, keyboards and other instruments.

### **3 Description of Programs**

## Chapter 4: Troubleshooting Index

If you experience problems while operating your PicoVerb, please use the following table to locate possible causes and solutions before contacting Alesis Product Support for assistance.

Symptoms	Cause	Solution
No audio outputs.	No input audio.	Test with a known good input.
	Bad cables.	Replace the cables.
	Destination is turned down.	Check the connections and the level of the mixer or amp that the PicoVerb is connected to.
Output is distorted.	Too much input to effects processor.	Turn down Input knob.
Buzz from outputs	Cables are crossing a power cable	Make sure that the PicoVerb and its audio cables are kept away from power cables and wall warts.
	Bad cables	Replace the cable with a new, quality cable.
	Problem with the source	Try removing the PicoVerb from the signal path and see if the problem remains.
AC hum	Ground loop	Place all equipment in the studio on a common ground.



# Specifications

## Audio Input

Input Connectors: 2 1/4" TS Jacks (unbalanced)  
Maximum Input Level: +7 dBu (Input Knob at nominal 12 o'clock position)  
Input Impedance: 10k $\Omega$

## Audio Output

Output Connectors: 2 1/4" TS Jacks (unbalanced)  
Maximum Output Level: +5dBu  
Output Impedance: 100 $\Omega$

## Audio Performance

Signal To Noise Ratio: 101 dB A-weighted  
THD+N: <0.011% @ +5dBu  
Frequency Response: 20-20k Hz +0.0/-2.0 dB

## Mechanical:

Size: 1.5" H x 4.25" W x 5.30" D Rack  
Spaces: 1/4 Rack Space  
Weight: 1 lb. (0.46 kg)

This page intentionally left blank



# Warranty / Contact

## Alesis Limited Warranty

ALESIS CORPORATION ("ALESIS") warrants this product to be free of defects in material and workmanship for a period of one (1) year for parts and for a period of one (1) year for labor from the date of original retail purchase. This warranty is enforceable only by the original retail purchaser and cannot be transferred or assigned. For the most effective service, the purchaser should register the purchase on the ALESIS website at <http://www.alesis.com/support/warranty.htm>. During the warranty period ALESIS shall, at its sole and absolute option, either repair or replace free of charge any product that proves to be defective on inspection by ALESIS or its authorized service representative. In all cases disputes concerning this warranty shall be resolved as prescribed by law.

To obtain warranty service, the purchaser must first call or write ALESIS at the address and telephone number available on the Alesis Website to obtain a Return Authorization Number and instructions concerning where to return the unit for service. All inquiries must be accompanied by a description of the problem. All authorized returns must be sent to ALESIS or an authorized ALESIS repair facility postage prepaid, insured and properly packaged. Proof of purchase must be presented in the form of a bill of sale, canceled check or some other positive proof that the product is within the warranty period. ALESIS reserves the right to update any unit returned for repair. ALESIS reserves the right to change or improve design of the product at any time without prior notice.

This warranty does not cover claims for damage due to abuse, neglect, alteration or attempted repair by unauthorized personnel, and is limited to failures arising during normal use that are due to defects in material or workmanship in the product. THE ABOVE WARRANTIES ARE IN LIEU OF ANY OTHER WARRANTIES OR REPRESENTATIONS WHETHER EXPRESS OR IMPLIED OR OTHERWISE, WITH RESPECT TO THE PRODUCT, AND SPECIFICALLY EXCLUDE ANY IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY OR OTHER IMPLIED WARRANTIES. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. IN NO EVENT WILL ALESIS BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, INDIRECT OR OTHER DAMAGES RESULTING FROM THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY, INCLUDING, AMONG OTHER THINGS, DAMAGE TO PROPERTY, DAMAGE BASED ON INCONVENIENCE OR ON LOSS OF USE OF THE PRODUCT, AND, TO THE EXTENT PERMITTED BY LAW, DAMAGES FOR PERSONAL INJURY. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

THIS CONTRACT SHALL BE GOVERNED BY THE INTERNAL LAWS OF THE STATE OF CALIFORNIA WITHOUT REFERENCE TO CONFLICTS OF LAWS. This warranty gives you specific legal rights, and you may also have other rights required by law which vary from state to state.

This warranty only applies to products sold to purchasers in the United States of America or Canada. The terms of this warranty and any obligations of Alesis under this warranty shall apply only within the country of sale. Without limiting the foregoing, repairs under this warranty shall be made only by a duly authorized Alesis service representative in the country of sale. For warranty information in all other countries please refer to your local distributor.

***For more effective service and product update notices, please register your PicoVerb online at:***

***<http://www.alesis.com/support/warranty.htm>***

---

## **Alesis Contact Information**

Alesis Distribution, LLC  
Los Angeles, CA USA

E-mail: [support@alesis.com](mailto:support@alesis.com)  
Website: <http://www.alesis.com>

Alesis PicoVerb Reference Manual  
Revision 1.0 by Erik Norlander

Copyright 2002, Alesis Distribution, LLC. All rights reserved  
Reproduction in whole or in part is prohibited. "PicoVerb" is a  
trademark of Alesis Distribution, LLC. Specifications subject to  
change without notice.

7-51-0096  
5/26/2002