

EFFECT PROCESSOR  
**MICRO VI**

USER'S MANUAL



**PHONIC**  
[www.phonic.com](http://www.phonic.com)

**SAFETY PRECAUTIONS!**

**WARNING - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.**

Do not allow water or liquids to be spilled into this unit. If the unit has been exposed to rain or liquids, please unplug the power cord immediately from the outlet (with DRY HANDS) and get a qualified service technician to check it. Keep this unit away from heat sources such as radiators, heat registers, stoves, etc.

This unit contains no user-serviceable parts. Refer all service needs

to a qualified service engineer through a Phonic dealer.

**CAUTION:**

**TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVERS (OR BACK). NO USER-SERVICEABLE PARTS ARE INSIDE. REFER ALL SERVICING TO A QUALIFIED SERVICE PERSONNEL.**

Keep this unit clean by using a soft dry brush and occasionally wiping it with a damp cloth. Do not use any other solvents, which may damage the paint or plastic parts. Regular care and inspection will be rewarded by a long product life and maximum reliability.

This unit was carefully packed at the manufacturing site and the packing box was designed to protect the unit from rough handling. We recommend that you carefully examine the packaging and its contents for any signs of physical damage which may have occurred during transportation.

If the unit is damaged: **Notify your dealer and the shipping company immediately.** Claims for damage or replacement may not be granted if not reported properly or in a timely manner.

**EFFECT PROCESSOR  
MICRO VI****USER'S MANUAL****CONTENTS**

<b>INTRODUCTION.....</b>	<b>4</b>
<b>FEATURES.....</b>	<b>4</b>
<b>GETTING START.....</b>	<b>4</b>
<b>FRONT PANEL.....</b>	<b>5</b>
<b>BACK PANEL.....</b>	<b>6</b>
<b>RACK MOUNTING .....</b>	<b>7</b>
<b>SPECIFICATION .....</b>	<b>8</b>

Phonic reserves the right to improve or alter any information supplied within this document without prior notice. V1.2 Nov.12, 2002

## INTRODUCTION

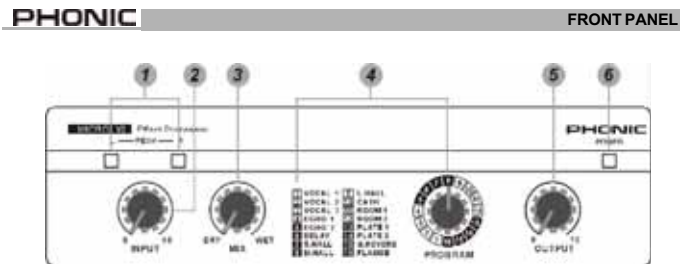
Congratulations on your purchase of the MICRO VI effect processor. MICRO VI is a high quality and user-friendly stereo digital effect processor. To take full advantage of the MICRO VI's functions, and enjoy a long and trouble-free operation, please read this user's manual carefully and keep it for future reference.

## FEATURES

- 16 digital effects
- Programs include reverb, delay, echo, flange and effect combinations
- 24-bit digital signal processing plus 20 bit AD/DA conversions
- True stereo reverb
- Compact 1/3 rack unit, can be easily rack-mounted with RT-3 (optional) rack tray
- Foot SW jack allows user to mute the effect via a footswitch
- Bi-color peak LEDs for easy setting of input level
- Two 10VAC power jacks(In & Through)

## GETTING START

1. Check the AC voltage before connecting the AC plug. This product is equipped with cord clinch, which enables securing the power cable to this unit. This is a safety feature and should not be defeated.
2. Run audio cables separately from dimmer wiring, using balanced lines wherever possible. If necessary, cross audio and lighting cables at 90-degree right angles to minimize the possibility of interference. Keep unbalanced cabling as short as possible.
3. Before plugging in the main power, keep the output level control knob all the way left to prevent damage of excessive noise caused by bad level adjustment, wrong wiring, defective cables, or bad connection.
4. Never use solvents on this unit; clean it only with a soft, dry cloth.



## FRONT PANEL

### 1. SIGNAL/PEAK (L/R) INDICATOR

There is one bi-color LED for left and right channel respectively. In most cases, they light up green as signal LEDs, and turn red when receiving a peak level signal. In general, a few red flashes every now and then will not be a problem. If one of the LEDs flash red very often or remains on, the input level should be reduced.

### 2. INPUT LEVEL CONTROL

The input control knob sets the level going into MICRO VI. The level should be set so that Peak indicators flash red only occasionally.

### 3. MIX (DRY / WET) CONTROL

This control sets the balance between the unaffected signal coming through the inputs and the effect-processed signal being generated by MICRO VI (i.e.: the balance of *wet* and *dry/effect-processed* and *with no effect*). By keeping it somewhere in the center, a blend of dry and wet signal can therefore be produced.

### 4. PROGRAM

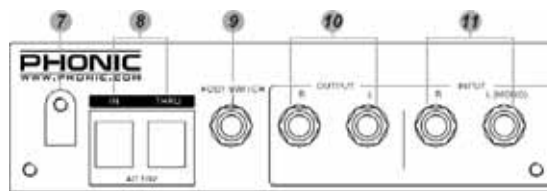
The list on the left shows you the 16 effect programs available on MICRO VI. Use the detented control knob to select one of the 16 effects for the main output.

### 5. OUTPUT CONTROL

This rotary control knob sets the signal level going to the amplifier or mixer from the output of MICRO VI.

### 6. POWER INDICATOR

This red LED will illuminate when adapter is plugged in.



## BACK PANEL

### 7. CORD CINCH

After connect the power cord to the AC input, use a screwdriver to unscrew it and place the power cord inside of the cinch to safely secure the power cable.

### 8. POWER SUPPLY INPUT SOCKET

Connect the power cable in the IN socket. You may use another power cable to connect one MICRO VI to another by connecting the THRU to IN.

### 9. FOOTSWITCH

A 1/4" mono phone jack for connecting a momentary foot switch; users can easily activate/cancel the effect program via the foot switch.

### 10. OUTPUT (LEFT & RIGHT)

They are two 1/4" mono jacks for connection such as effects returns on a mixing console.

### 11. INPUT (LEFT/MONO & RIGHT)

A pair of 1/4" mono jacks for user to connect to sources such as effects sends of a mixing console. For mono applications, use only the "L(MONO)" input.

**MOUNTING YOUR MICRO SERIES ONTO THE RACK:**

All of the MICRO series can be easily rack mounted. Use a 19" wide, 1 rack unit high RT-3 rack tray (optional) to mount one to three MICRO series onto the rack.

Fix the MICRO with the hook under the unit, and fix it with two screws (optional) unto the back panel. After fixing your MICRO series(s), mount this rack tray onto the rack.

**SPECIFICATIONS**

MICRO VI	
Frequency Response	20Hz ~ 20kHz
Dynamic Range	90dB
AD/DA	20bit delta-sigma modulation, 64X oversampling
Maximum Input Level	0dB
Residual Noise	< -80dB (20Hz ~ 20kHz)
T.H.D.	< .05% (typical)
<b>Input</b>	
Number of Channel:	2 (1/4" phono jack)
Nominal Level:	-20dB
Impedance:	20k ohms (mono: 10k ohms)
<b>Output</b>	
Number of Channel:	2 (1/4" phono jack)
Nominal Level:	-20dB
Impedance:	600 ohms
16 Effect Programs	VOCAL 1, VOCAL 2, VOCAL 3, ECHO 1, ECHO 2, DELAY + REVERB, SMALL HALL, MEDIUM HALL, LARGE HALL, CATHEDRAL, ROOM 1, ROOM 2, PLATE 1, PLATE 2, G. REVERB, FLANGE
Front Panel Controls	Input Level, Mix, Program Select, Output Level
Real Panel Jack	2 Input 1/4" Phone Jacks, 2 Output 1/4" Phone Jacks, 10VAC jack (In & Through)
Dimensions (WxHxD)	145 x 42 x 130mm (5.7" x 1.65" x 5.1")
Net Weight	0.65kg (1.43 lbs)