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HI20

INSTRUCTION MANUAL & PRODUCT GUIDE

CONGRATULATIONS ON YOUR NEW V² SERIES EFFECTS PEDAL!

Bob Weil and R.G. Keen worked hard to design this pedal for you, using their ears and engineering skill to produce the best effects possible. They also tested the pedals during the design phase with many great guitarists to get their opinions on tone and features. What resulted is the pedal you're holding right now. Not only will you love the sound of your new pedal, but you can rely on it to last for many years to come.

The new switching system in the V2 Series is designed to last for 10 million foot-stomps...yes, that's basically forever! All the jacks including the power jack are hand-wired, point-to-point, to the circuit board so if you accidentally step on a plug, it will keep on working. Even if you plug in a 9VAC power supply by mistake, it won't burn up your pedal as would happen in most other effects...it won't work, but it won't do any damage. As always, Visual Sound effects pedals can take a variety of musician rated 9VDC adapters*, including of course the 1 SPOT® power supply made by Visual Sound.

You will also benefit from the Pure Tone buffer circuit used in all Visual Sound effects pedals since 1997. The Pure Tone circuit is a unity gain pre-amp buffer designed to make your guitar sound like it's plugged directly into the amp even if it's going through long cables and many other effects pedals...something "true-bypass" pedals could never give you.

Use this instruction manual as a guide for getting started with great tones from your new V2 Series pedal. Of course, you should experiment with your own settings as well...there are no rules when it comes to discovering your own sound. Just find the tones that inspire you to play. That's what it's all about!

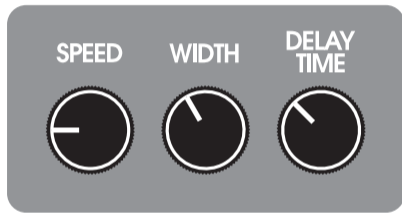
*Boss, Ibanez, Dunlop, Morley, Voodoo Labs and other musician rated 9VDC power supplies will also work (output plug with center pin negative)...do not use Radio Shack or other non-musician power supplies. Shameless promotional plug: The 1 SPOT is the best 9VDC power supply for all your pedals!

Anyone who has ever tried the **H2O** pedal has loved it. "Warm", "liquid", and "lush" are some of the words frequently used to describe this pedal. The new *V2 Series H2O* gives the same great tone guitarists have come to love over the years, but with all the advantages of *V2* construction.

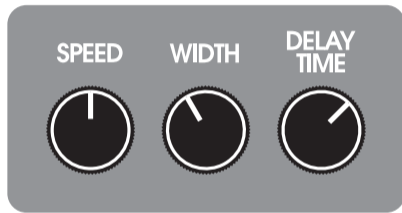
Chorus, *Echo*, or both...use each channel by itself or combine them just as you would two separate pedals! The *Chorus* channel is a wonderfully voiced effect for electric, acoustic, or bass guitar, using pure analog circuitry. At the heart of the *Chorus* circuit are custom designed Visual Sound "bucket brigade" chips. Use the *Norm/Lush* switch to set the overall style of Chorus and the user-friendly knobs for the settings. The *Echo* channel is a hybrid digital and analog circuit for the best of both worlds...long delay times with warm, natural repeats. There is even a second (non-effected) output jack for stereo amplifier setups. On the following pages are some settings to get you started...



CHORUS CHANNEL SETTINGS



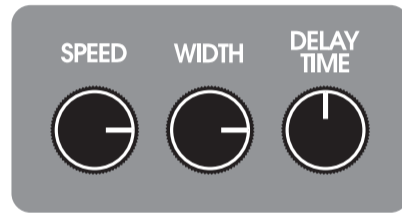
SUBTLE PHASING CHORUS



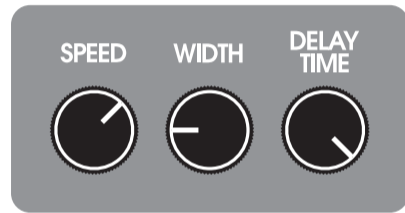
LUSH CHORUS

NOTE: USE THE 'NORM/LUSH' SWITCH TO CHOOSE BETWEEN A SUBTLE CHORUS OR A VERY LUSH, FULL CHORUS.

CHORUS CHANNEL SETTINGS

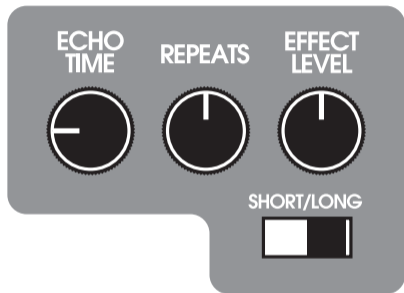


UNDERWATER LESLIE

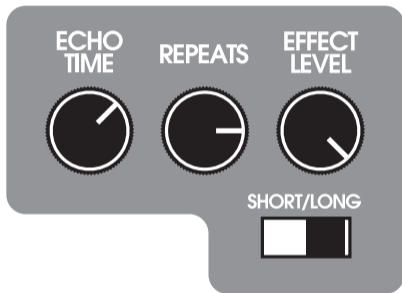


70s CHORUS

ECHO CHANNEL SETTINGS



CLASSIC SLAPBACK



HARMONY ECHOS

ECHO CHANNEL SETTINGS



SPACIOUS ECHO



ROCKABILLY ECHO

NOTE: 'OUT 2' IS A DRY, UNEFFECTED OUTPUT.

JEKYLL & HYDE

New noise reduction and improved Mid control on Hyde channel. Additional low-drive range on Jekyll channel. Same great overdrive and distortion tones that Jekyll & Hyde is famous for.



H2O

Normal/Lush switch added on Chorus channel. Same great chorus and echo tones that H2O is famous for.



V² SERIES

DOUBLE TROUBLE

Visual Sound's interpretation of the TS-808 (with bass boost and lots more volume), times 2! Use either overdrive by itself or combine them.



ROUTE 66

New noise reduction on Compressor channel. Additional low-drive range on overdrive channel. Same great compression and overdrive tones that Route 66 is famous for.



ANGRY FUZZ

A brand new effect unlike any fuzz pedal you've ever heard. Blend in an octave up with the Anger Level knob and get crazy low octave overtones to boot! Octave tracking is flawless even with the fastest shredding imaginable.



NEW!

SON OF HYDE

The Hyde distortion channel from the new Jekyll & Hyde in a single pedal.



NEW!

ROUTE 808

One channel of Double Trouble in a single pedal... Visual Sound's interpretation of the TS-808 (with bass boost and lots more volume).



NEW!

LIQUID CHORUS

The chorus channel of the new H20 in a single pedal, with an added Depth knob. Also has 2 outputs, normal and inverted, for running in stereo.



NEW!

COMP 66

The compressor channel of the new Route 66 in a single pedal.



NEW!

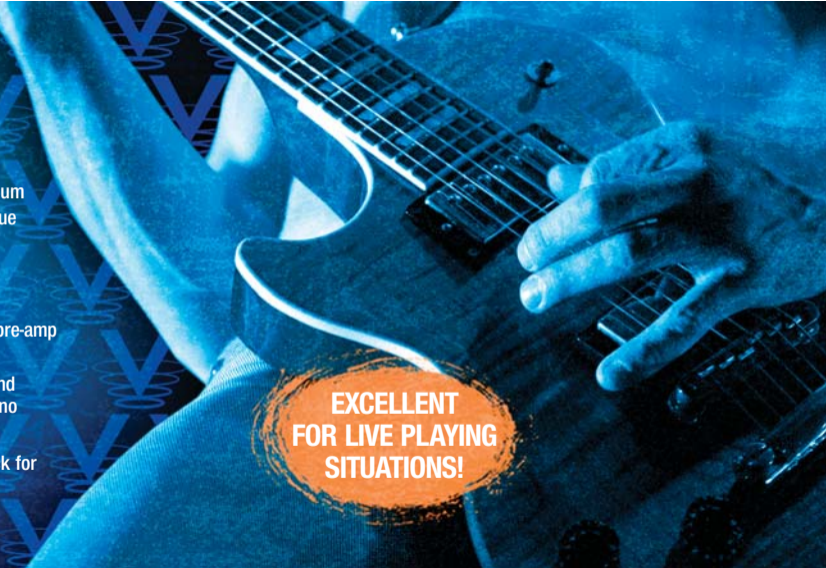


Visual VOLUME

Originally released in 1995 and now back by popular demand, the new **Visual Volume 10th Anniversary Edition** is the finest, most useful volume pedal ever created. Don't just try to find the right volume by ear, see it with the 0-10 LED readout!

- ▶ All new design with die-cast aluminum housing and blue LEDs!
- ▶ Active and Passive modes
- ▶ Clean boost pre-amp in Active mode
- ▶ Two inputs and outputs for mono or stereo use
- ▶ Tuner Out jack for silent tuning

**EXCELLENT
FOR LIVE PLAYING
SITUATIONS!**



Workhorse by Visual Sound

The Hubcap is a carefully designed, patent pending, sound dispersion speaker grill that disperses almost 180 degrees worth of quality, full range sound.

TRADITIONAL
AMP



20°
SOUND DISPERSION

WORKHORSE
AMP



160°
SOUND DISPERSION

STALLION
60w 212

PONY
30w 112

There are many amps with multiple channels, but few sound good on every channel and even fewer sound good with effects pedals. Finally, Visual Sound has designed a series of amps with just one great clean tube channel... perfect for effects pedals. And just to prove our point, we'll give you our #1 selling pedal, the Jekyll & Hyde, absolutely FREE! That gives you a total of four great sounding channels!

- ▶ Revolutionary easy user-biasing on all models! 6L6 tubes(stock) or switch to EL34 or similar without paying an amp tech
- ▶ Volume, Bass, Mid, Treble, & Reverb controls...5 knobs...simple!
- ▶ 9VDC output & cable for powering effects pedals
- ▶ Protection circuitry throughout the amplifier to prevent failure of all critical components
- ▶ Celestion speakers in an all wood cabinet
- ▶ Hand wired controls and jacks
- ▶ Toroidal power transformer

**FREE! JEKYLL & HYDE
ULTIMATE OVERDRIVE
PEDAL PLUS PADDED
COVER with POCKETS!**



1 SPOT®

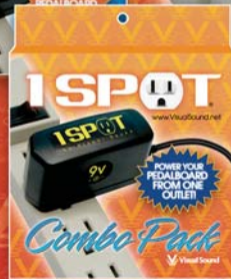
POWER YOUR PEDALBOARD FROM ONE OUTLET!

Pedal boards are for pedals...not power supplies.

Bigger is not always better. At a fraction of the cost, the 1 SPOT® is more powerful than the PedalPower™ or DC Brick™...and takes up NO space on your pedal board!

Frustrated with powering only two or three effects pedals with a 6-outlet power strip?

Visual Sound has created the perfect alternative to awkward transformer-type adapters. The 1 SPOT® 9VDC regulated power supply will work with virtually any pedal on the market today. It can even power many keyboards and other musical equipment. The 1 SPOT® features worldwide 100v-240v input voltage allowing it to be used anywhere in the world! With 1700mA Output Power, the 1 SPOT® can power all of your pedals from a single outlet* with the use of Multi-Plug cables.



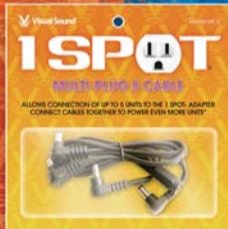
1 SPOT® Combo Pack Includes:
1 SPOT® Power Supply PLUS (1) MC8 Multi-Plug Cable, (2) CBAT Battery Clip Converters, (2) C35 3.5mm Converters, and (1) L6 Line 6 Converter



ORIGINAL 1 SPOT® AND THE 1 SPOT® COMBO PACK

1 SPOT®

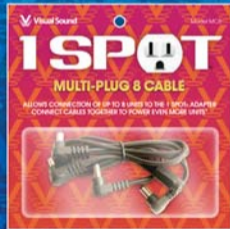
ACCESSORIES



MULTI-PLUG 5 CABLE (MC5)

Allows connection of up to 5 units to the 1 SPOT® adapter...Connect cables together to power even more units*

*Up to power rating of the 1 SPOT® Adapter



MULTI-PLUG 8 CABLE (MC8)

Allows connection of up to 8 units to the 1 SPOT® adapter...Connect cables together to power even more units*

*Up to power rating of the 1 SPOT® Adapter



3.5mm Converter (C35)

Allows the 1 SPOT® adapter and Multi-Plug Cable to be used with any 9VDC pedal* with a 3.5mm (1/8") power jack (E-H", old MXR", etc.)



L6 Converter (CL6)

Allows the 1 SPOT® adapter & Multi-Plug Cable to be used with Line 6** modeling pedals & Digitech** RP100



Battery Clip Converter (CBAT)

Allows the 1 SPOT® adapter & Multi-Plug Cable to be used with 9V guitar pedals* that only have a battery connection



Reverse Polarity Converter (CYR)

Allows the 1 SPOT® adapter to be used with Yamaha** keyboards, samplers, and drum machines

Unlike most companies, Visual Sound puts a lot of thought into cheap accessories. Believe it or not, the Multi-Plug 5 and 8 Cables are the only "daisy chain" cables featuring right angle plugs and over 12" (300mm) between each plug. We even designed spring-loaded input socket contacts so your MC5, MC8, or converter won't unplug unless you want it to.

**Brand names listed are trademarks of their respective companies and have no affiliation with Visual Sound.