RETROAKTIV

MPG-8

MANUAL VERSION 1.0 for MPG-8
OS 1.0

FEATURES:

- Real time controls of all 44 original PG-800 parameters

- Page-2 mode allows real time access to all additional tone parameters added by Vecoven 3.x and 4.x PWM upgrades, allowing access to a total of 88 parameters on the JX

- Supports stock and Vecoven modded JX-8P, Super JX and MKS-70 synths

- Scratch tone generator lets users select from 3 different starter tones for easy creation of new sounds

- Random tone generator creates musically useful sounds at the press of a button

- Compact enclosure fits on top of JX-8P and Super JX keyboards

GETTING STARTED:

The MPG-8 is powered directly from the synthesizer using the included DIN 6 cable. All communication with the synth is done through this cable as well. To connect MPG-8 to the synth, plug the DIN 6 into the synth's PG-800 port, and plug the cable into the MPG-8. It is recommended that the power on the synthesizer be turned OFF when connecting and disconnection the DIN 6 cable.

STOCK AND VECOVEN MODE:

The MPG-8 can control a stock JX or a JX modified with Vecoven firmware. If the unit is configured to boot in STOCK MODE, the PAGE 2 LED will blink once. When the unit is set to boot in VECOVEN MODE, the PAGE 2 LED will blink 4 times.

It is not recommended that you use Vecoven mode with a stock unit, as the unrecognized parameter commands can cause erratic behavior in the stock JX. It is also important that Vecoven users be sure that they have updated their Vecoven firmware to the latest version, as early Vecoven 3.X and 4.X firmware had a bug that caused erratic behavior when the synth received unrecognized parameter commands. For Vecoven 4.x users, be sure that your firmware is 4.15 and above for best results.

To toggle between STOCK MODE and VECOVEN MODE, power up the MPG-8 while holding both buttons down. The MPG-8 will blink the PAGE 2 LED 3 times when the MODE has been toggled. This procedure gets saved each time the mode is toggled, and only needs

Power indicator LED and PAGE 2 indicator LED

SPECIAL FUNCTIONS:

MANUAL button:

Tapping the manual button once will transmit all of the 44 knob positions on the current page (There are 2 pages of parameters if in Vecoven mode.).

Holding the MANUAL button down will generate one of 3 "scratch tones". When the button is held, the PAGE 2 LED will blink once to indicate that scratch tone 1 is selected, twice when scratch tone 2 is selected, and 3 times when scratch tone 3 is selected. Release the button when the tone type of your choice is selected, and the tone will be generated on the synth. The 3 scratch tones are as follows:

SCRATCH TONE 1 - Basic Dual Saw Tone

SCRATCH TONE 2 - Basic Oscillator Sync Tone

SCRATCH PATCH 3 - Basic Dual LFO PWM Tone (For Vecoven PWM users)

PAGE-2 BUTTON:

The Page 2 button is used when toggling the front panel pots between the stock JX parameters (Labeled in white) and the Vecoven 4.x parameters (Labeled in yellow). The Page 2 LED lights indicating that the MPG-8 is transmitting page 2 parameters. When in Vecoven mode, there are 5 parameters not labeled on the front panel:

MIX DCO-1 Knob = DCO-1 LFO Select

MIX DCO-2 Knob = DCO-2 LFO Select

CHORUS knob = VCA Aftertouch Amount

VCF ENV DYN Knob = DCO Vibrato Aftertouch Amount

VCF ENV SEL Knob = VCF Aftertouch Amount

RANDOM TONE GENERATOR:

The MPG-8 has a random tone generator on-board, which can generate musically useful sounds at the press of a button. To use the randomizer, press and hold the PAGE 2 button until the PAGE 2 LED blinks once. Release the button and the MPG-8 will generate a new tone on the synthesizer. This is a fun way to discover new sounds from the JX.to be done again when the mode is changed again.

WEIGHT & DIMENSIONS:

MPG-8 is 20.5 cm x 11.5cm x 6 cm (From bottom to the top of the knobs) in height. The unit weight 2.1 lbs.