



LIVE TO PLAY LIVE®



ZW38 BLACK LABEL CHORUS



JIMDUNLOP.COM

92503010547 REVA

# ZW38 BLACK LABEL CHORUS

## DESCRIPTION

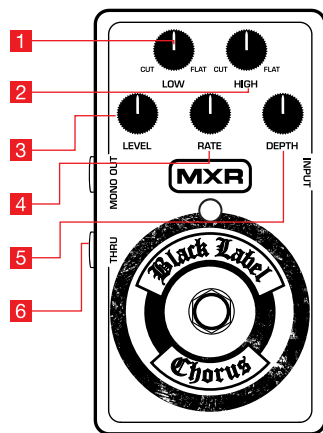
- Analog bucket brigade technology
- Small footprint saves pedalboard space
- High and Low filter cut controls for detailed tone sculpting
- Two outputs for a wide and sweeping stereo spread

## POWER

The MXR ZW38 Black Label Chorus can be powered by one 9 volt battery (accessed by removing the bottom plate of the pedal), a Dunlop ECB003 AC adapter (ECB003E in Europe) or a Dunlop DCB10 DC Brick power supply.

## CONTROLS

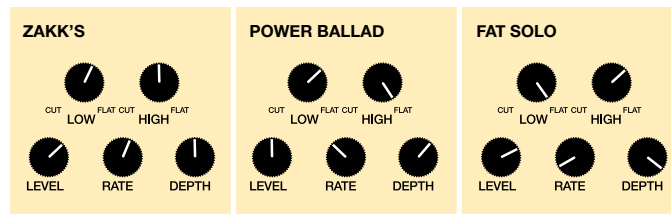
- 1 LOW Controls the amount of low frequency cut of effect
- 2 HIGH Controls the amount of high frequency cut of effect
- 3 LEVEL Controls the overall volume of the effect
- 4 RATE Controls the speed of the chorus effect
- 5 DEPTH Controls overall intensity of the chorus effect
- 6 THRU OUTPUT JACK Engages stereo mode



## DIRECTIONS

- Run a cable from your guitar to the Black Label Chorus' Input jack and run another cable from the Black Label Chorus' Mono Output jack to your amplifier (for mono operation). To use the Black Label Chorus in stereo mode, run an additional cable from the Thru Output jack to the input of a second amp. Using this jack automatically sends the delayed signal only to the Mono output jack when the effect is on and outputs a buffered copy of the input signal.
- Turn the effect on by depressing the footswitch. The illuminated blue LED indicates the unit is on.
- Rotate the Depth control clockwise to increase the intensity of the effect.
- Rotate the Rate control clockwise to increase the speed of the chorus effect.
- Adjust the Level control to set the overall volume of the effect.
- Adjust the Low and High controls to set desired tonality of the chorus effect.
- Start off with all of the controls set to 12 o'clock.

## SAMPLE SETTINGS



## SPECIFICATIONS

|                                      |                            |
|--------------------------------------|----------------------------|
| Input Impedance                      | 1 MΩ                       |
| Output Impedance                     | 1 kΩ                       |
| Signal to Noise                      |                            |
| Level, Rate, Depth Controls @ Max CW |                            |
| Tone Controls @ Center Position      |                            |
| Effect On                            | > 96 dBV                   |
| Bypass                               | > 106 dBV                  |
| Tone Controls (Effects On)           |                            |
| LOW                                  | Variable Shelf 12dB/Octave |
| CW                                   | 800 Hz                     |
| Center                               | 350 kHz                    |
| CCW                                  | 70 Hz                      |
| HIGH                                 | Variable Shelf 6dB/Octave  |
| CW                                   | Flat                       |
| Center                               | 1.2 kHz                    |
| CCW                                  | 660 Hz                     |
| Bypass                               | Buffered                   |
| Current Draw                         | 13 mA                      |
| Power Supply                         | DC 9 Volts                 |



DUNLOP MANUFACTURING, INC.  
P.O. BOX 846 BENICIA, CA 94510 U.S.A.  
TEL: 1-707-745-2722 FAX: 1-707-745-2658