

SURFY•INDUSTRIES

SURFYVIBE



USER GUIDE

DC jack	DC input jack. 9V DC for center-negative plug.
SWEEPING VIBRATO	Toggle switch for "SWEEPING" mode and "VIBRATO" mode
INTENSITY	Controls the amplitude of the LFO (Low Freq Oscillator)
SPEED	Controls the frequency of the LFO LED will indicate the frequency
OUTPUT	Guitar level output jack, unbalanced (TS)
INPUT	Guitar level input jack, unbalanced (TS)
FOOTSWITCH	Enables the LFO to activate the vibrato effect LED will indicate if tremolo effect is active No True Bypass

The original circuit in the Magnatone® 280 used a component called “varistor”, a type that has been obsolete for years. This is the reason modern circuits use other techniques to achieve pitch shift.

To get the sound as close to the original as possible, we have found a way to emulate the original circuit. We have replaced the tubes with JFET transistors and the varistors with special diode arrays. The circuit is not True Bypass.

VIBRATO

The vibrato effect is normally described as a variation in frequency controlled by a Low Frequency Oscillator. This is also called frequency modulation.

SWEEPING

The “sweeping” mode adds a feedback path to create a unique effect that is a mix of phaser / chorus / tremolo. Not very different to the UniVibe.

IMPEDANCE	
Input impedance, 1/4" TS	1 M Ω
Output impedance, 1/4" TS	10 k Ω
VOLTAGE AND CURRENT DRAW	
Supply voltage	9V DC, center-negative
Current draw	10 mA
DIMENSIONS AND WEIGHT	
Dimensions	117 x 60 x 50 mm (4.6 x 2.4 x 2 in)
Weight	0.2 kg (7 oz)