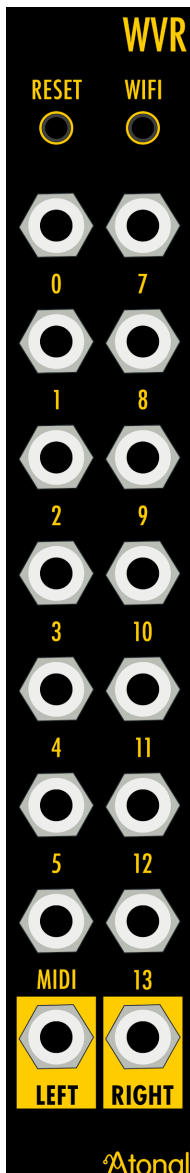# WVR - DATASHEET

EURORACK MODULE
FUNCTION: WAV sample player, memory: 8GB
DIMENSIONS: 4HP - 42 mm deep
CURRENT DRAW (max): 260* mA @ +12V - 18 mA @ -12V - 0 mA @ 5V

JACK			
LABEL	**TYPE**	**RANGE**	**WHAT**
0 > 13	signal input	0 - 5V	trigger input / analog input (see comments below)
MIDI	MIDI input	/	MIDI input - TRS type A or B (switch at the rear)
LEFT	AUDIO output	10V peak to peak	AC coupled audio output (left channel)
RIGHT	AUDIO output	10V peak to peak	AC coupled audio output (right channel)

BUTTON			
LABEL	**TYPE**	**ACTION**	**WHAT**
RESET	push	momentary ON	hold down to reset WVR module (needed to update pin config)
WIFI	push	momentary ON	toggle wifi on/off

Please stick to firmware version 3.8.0 or ask me before you plan to install a newer one.

Please PAY ATTENTION to connect power correctly. Bottom 10 pin IDC socket is the power connector.
The upper 16 pin IDC socket connects to the push button interface.

- every input is buffered and limit voltages to suits WVR bord requirements. A voltage of -12V may result in a high state.
- unconnected input state is low (0V).
- digital circuitery for inputs D0 to D5.
- analog circuitery for inputs D7 to D13 (A1 to A7). Range: 0V to 5V.
- input D6 / A0 is unavailable (reserved to toggle wifi on/off).
- touch capabilities are disabled by eurorack circuitery

- turn off wifi to reduce power, heat and noise.

* Idle state current drawn: 105 mA @ +12V
current drawn under use: 140 mA @ +12V
current drawn under active WIFI use: 260 mA @ +12V
(current drawn @ -12V is always 18 mA).

WVR
RESET WIFI
0 7
1 8
2 9
3 10
4 11
5 12
MIDI 13
LEFT RIGHT
Atonal