

AMT OZZULATOR CH-2

GUITAR, BASS GUITAR CHORUS EFFECT



USER'S MANUAL

Thank you for purchasing the AMT CH-2.

Please take the time to read through this manual to become acquainted with the AMT CH-2.

INTRODUCTION

The AMT CH-2 device implements a chorus effect and is designed to work in the chain of guitar or bass guitar signal. Chorus is a modulation effect simulating choral (polyphonic) sound of musical instruments.

When using this effect with a guitar, there is the illusion that not one guitar sounds but several ones at a time.

The effect is realized by adding to its original signal its own copies, delayed in time by values of the order of 10-20 milliseconds, and the value of the time shift is continuously changing.

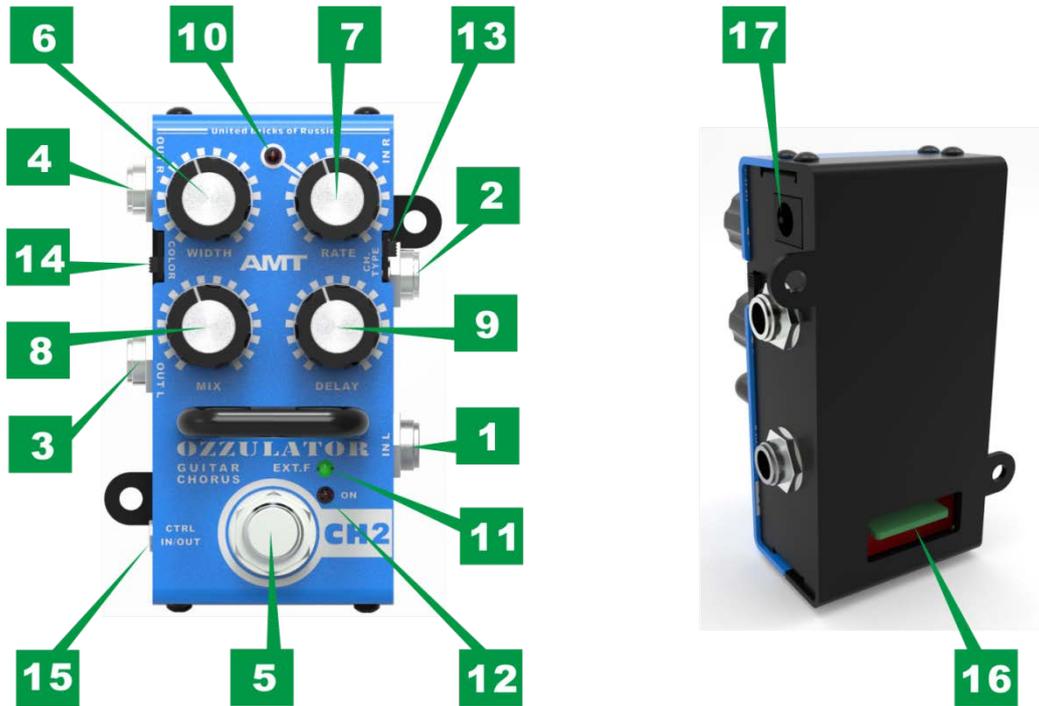
Features:

- 1- Small dimensions (Snickers-size).
- 2- A choice of one of two types of chorus effects (Chorus S or Chorus x3).
- 3- A wide set of the effect sound controls.
- 4- 100% analog direct signal in a mix with the effect signal.
- 5- Active bypass.
- 6- Ability to work as a part of the AMT Bricks Pedal board.

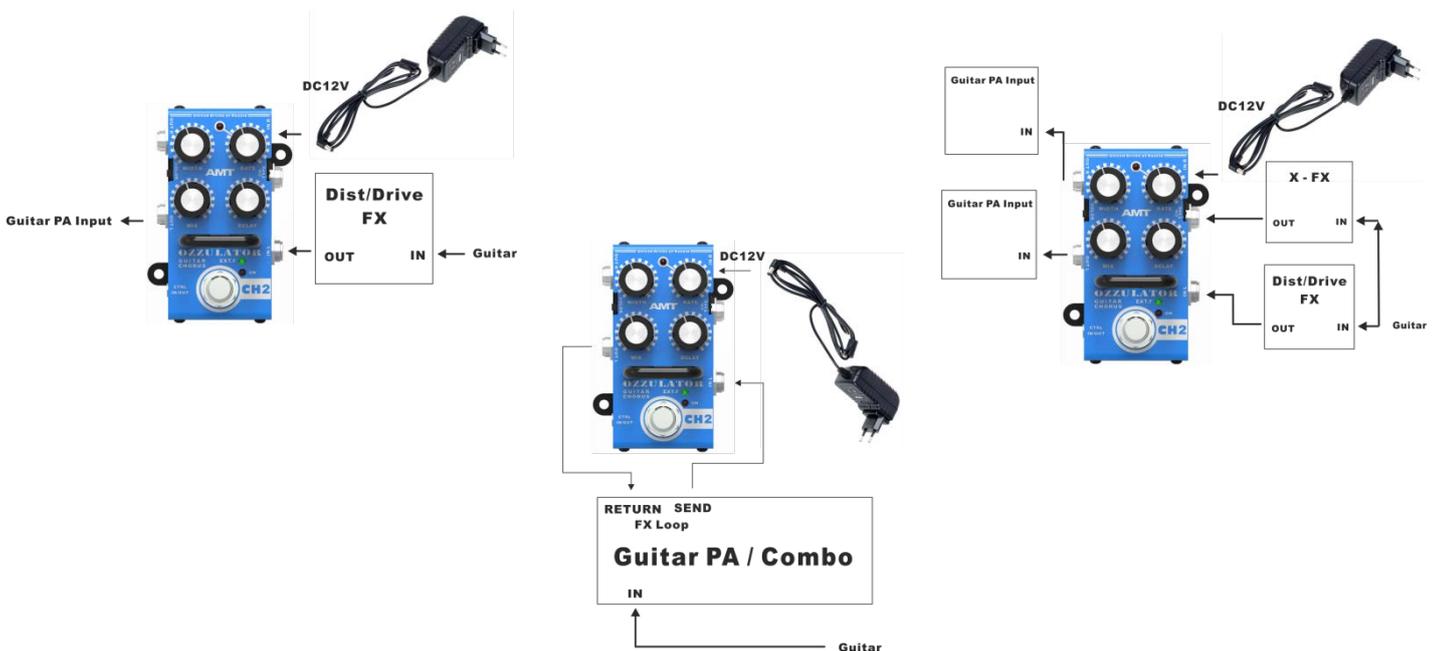
APPEARANCE, CONNECTORS AND CONTROLS

- 1- IN L - Left channel Input (TS - connector, 1/4").
- 2- IN_R - Right channel Input (TS - connector, 1/4").
- 3- OUT L - Left channel Output (TS - connector, 1/4").
- 4- OUT R - Right channel Output (TS - connector, 1/4").
- 5- Button to turn on/off the effect.
- 6- WIDTH - Determines how wide a modulation is produced.
- 7- RATE - adjusts modulation frequency (0.1Hz ... 10Hz).
- 8- MIX - sets the level of a processed signal when mixing with a direct signal.
- 9- DELAY - time delay regulator.
- 10- a LED indicator of modulation frequency (rate).
- 11- EXT.F - LED indicator. It is being used in a work with the AMT Bricks pedal board.

- 12- ON - LED indicator of the device's state (On/Off).
- 13- CH.TYPE - chooses a type of chorus. Upper position - Chorus x3 (Multiple voice Chorus with 3 Delay lines and sine modulation. This chorus effect uses the same LFO to modulate all of the delays in sync but at different phases of the oscillator cycle.) Lower position - Chorus S (Stereo Chorus with two Delay lines and square modulation. The delays share the same oscillator and are modulated 180 degrees out of phase. This creates a richer chorus and a wider stereo image).
- 14- COLOR - chooses the effect's brightness. Upper position - maximum, lower position minimum.
- 15- CTRL IN/OUT - a connector of external control (TRS 3,5 mm).
- 16- Signal connector for work with the AMT BRICKS pedal board.
- 17- DC 12V - power socket.



EXAMPLES OF THE AMT CH-2



TECHNICAL SPECIFICATION

IN L

input impedance 200 kOhm
nominal input level -10dBV

IN R

input impedance 200 kOhm
nominal input level -10dBV

OUT L

output impedance 10 Ohm

OUT R

output impedance 10 Ohm

FREQUENCY RANGE

+0 / -3 DB 20HZ - 20KHZ

POWER:

Voltage DC 12V
Consumed current (nom.) 75 mA

SIZE (HxWxD)

47mm x 55mm x 95mm

WEIGHT

(220g without package)

