

## Oberheim OB-6 - Module

Šifra: 20478

Kategorija prozivoda: Sound Moduli

Prozvodjač: Oberheim

**Cena: 295.800,00 rsd**

### Oberheim OB-6 - Module

#### **Oscillators:**

- 2 x discrete VCOs per voice
- Wave Shape per Oscillator (Continuously Variable): Sawtooth and variable-width pulse, plus triangle on oscillator 2
- Pulse width per oscillator
- Hard Sync: Oscillator 1 syncs to oscillator 2
- Square Sub-Octave Generator: Oscillator 1 per voice

- Low-Frequency Mode: Oscillator 2

- Keyboard Tracking: On/off (oscillator 2)

- Oscillator Detune: For increased tuning instability, from subtle to extreme

#### **Mixer:**

- Oscillator 1 amount
- Oscillator 1 sub-octave amount
- Oscillator 2 amount
- White noise amount

#### **State-Variable Filter:**

- Two-pole, resonant, filter per voice with low-pass, high-pass, band-pass, and notch functionality inspired by the original Oberheim SEM filter
- Bi-polar filter envelope amount
- Velocity modulation of envelope amount
- Keyboard tracking: off, half, full

#### **Envelope Generators:**

- Filter Envelope: Four-stage (ADSR) envelope generator with velocity modulation of envelope amount
- Amplifier Envelope: Four-stage (ADSR) envelope generator with velocity modulation of envelope amount

#### **LFO:**

- 5 x Wave Shapes: Sine, sawtooth, reverse sawtooth, square, and random (sample and hold)
- Clock sync (internal or external MIDI clock)
- Initial amount
- Mod Destinations: Oscillator 1 frequency, oscillator 2 frequency, oscillator 1 and 2 pulse width, filter cutoff, filter mode, amp

#### **X-Mod:**

- Sources: Filter envelope (bi-polar) and oscillator 2 (bi-polar)
- Destinations: Oscillator 1 frequency, oscillator 1 shape, oscillator 1 pulse width, filter cutoff, filter mode, normal to bandpass filter

#### **Aftertouch:**

- Source: Channel (mono) aftertouch with bi-polar amount
- Destinations: Oscillator 1 frequency, oscillator 2 frequency, LFO amount, amplifier envelope amount, filter envelope amount, filter mode

#### **Clock:**

- Master clock with tap tempo
- BPM control and display
- MIDI clock sync

**Arpeggiator:**

- Selectable Note Value: 16th note, 8th note triplet, 8th note, dotted 8th note, quarter note
- 1, 2, or 3 octave range
- Up, down, up/down, random, and assign modes

**Sequencer:**

- Polyphonic Step Sequencer: 64 steps and rests

**Effects:**

- Stereo analog distortion
- Dual, 24-bit, 48 kHz Digital Effects: Reverb (room, hall, plate, spring), delay (full bandwidth digital delay and emulated bucket brigade and tape delays), chorus, and phase shifter
- Delay sync
- True Bypass: Maintains fully analog signal path when digital effects are off

**Controls:**

- Transpose: 8-octave range
- Hold Switch: latches held notes on
- Polyphonic Glide: Portamento
- Unison (Monophonic) Mode: Configurable voice count, from one to all six voices, chord memory, and key modes
- Manual switch: when on, the front panel is live; what you see is what you hear

**Patch Memory:**

- 1000 Programs: 500 user / 500 factory programs in 10 banks of 100 programs each
- Direct program access, including single-button access to the current set of 10 programs

**Input & Output:**

- Left/Mono & Right Audio Outputs: 2 x 1/4" / 6.3 mm phone jack
- Headphone Output: Stereo, 1/4" / 6.3 mm phone jack
- MIDI: In, out, and thru ports
- USB: Bi-directional MIDI communication
- Filter cutoff expression-pedal input
- Volume expression-pedal input
- Sustain footswitch input
- Sequencer start/stop footswitch input

**Power:**

- 100/240 volts at 50/60 Hz
- Power Consumption: 30 W maximum
- IEC AC power inlet for internal power supply

**Dimensions:**

- 20.8 x 7.8 x 4.4" / 52.0 x 19.8 x 11.2 cm

**Weight:**

- 13.0 lb / 5.9 kg