

MOD DUOX



A MODULAR UNIVERSE AT YOUR FINGERTIPS

The standalone device with a whole new sonic world inside. Its cutting-edge audio processor, multiple connections and extensive actuators were designed to offer maximum versatility, control and audio quality to performing musicians and music producers.

Choose a new world of possibilities

Effects, virtual instruments, sequences and utilities, all in one sturdy standalone box that offer more freedom than any other competitor in the market

Take control

Assign different controls at one simple touch. Move back and forth to favorite moments of your performance at any moment of your set

Shape it for every scenario

A standalone device with a computer brain inside an ultra-resistant monolithic enclosure. MIDI Learn, Slave, and Sync make it extremely flexible to every application

Expand your gallery

Discover the MOD Plugin Gallery, with over 400 free plugins available and continuous new releases of both classic and innovative effects, utilities and virtual instruments

UNIQUE FEATURES

Open Source

At MOD Devices, we are firm believers in the power of collaboration. Therefore, we run an open-source system that allows you to use any LV2 Plugin, and even try out your own creations. There's an open world out there and we want everybody to use it. PS: And yes, the Duo X is Max/MSP compatible.

Signal Freedom

The Duo X offers you total signal freedom. Its modular quality enables you to drag multiple connections, split, join and feedback your signal freely. The versatility of its graphical interface is unprecedented. The sonic possibilities are pretty much endless.

Two Audio Channels

Plug any instrument or piece of gear you want. Control every input and output with individual gain control or link them in stereo. Your channels, your rules.

Triple Preamps

The MOD Duo X has three different analog preamps on its audio inputs, which means that input gain levels can be set to suit all types of instruments and audio devices. Whether you want to process beats, have an electronic jam, or play the guitar, the Duo X is the audio processor of choice for all types of musicians.

MIDI Manifold

The Duo X was created to be a great team player. It interacts with the rest of your setup thanks to its various connections. Plug a USB Hub and expand your setup. How far will you go? We've tried it with 16 different controllers at the same time. Seriously, who needs more than 16 MIDI controllers?

Control Voltage

The Duo X supports internal CV offering a variety of CV utilities and modules to choose from. Sweep filters, alter pitch and change volume of oscillators with an analog continuous feeling. The external CV and EXP ports enabled you to use the Duo X in modular synth setups.

The Knobs

We believe that the true proof of quality lays in the details. The Duo X knobs were carefully designed from scratch: a slight angle for a better grip, a skirt shape at the base to ease the rotation, and a carve under the knob for more water resistance. Sweaty hands proof without losing resistance. Made of sleek aluminium, their elegant look won't deteriorate over time.

UNIQUE FEATURES

Push Buttons

The Duo X has 4 fully assignable push buttons that grant you with extra control. They can be used to activate or deactivate different parameters, tap tempo, and pretty much anything you assign them to do.

Instant Recall

With Instant Recall, temporarily save different moments in your set and switch from one to another by the push of a button. These are ephemeral short-term saves to be used and reused many times in a session or even in a single song.

User Profiles

Save up to 4 different User Profiles with a number of device settings, including input and output gains & stereo link, HP, EXP/CV settings, clock source and others. Create your own tailored profiles to fit your needs, plug, and you're ready to play.

Pagination

This feature allows you to quickly switch between different control Pages, with completely different assignments to each of your knobs and push-buttons. This is a great added value for a smoother workflow during performances, as well as very useful in the studio. Set up your different Pages tailored to your needs and they will be saved inside the Duo X ready for use anytime, anywhere.

Control Chain

MOD Devices has created its own open Control Chain standard. Its "device descriptor" enables you to daisy chain up to four Control Chain peripherals to your Duo X, such as footswitch extensions, expression pedals, and your own DIY Arduino creations.



SPECS

Audio

Completely independent audio I/O with volume control

Digitally-controlled multi-stage analog pre-amplification

Commutable analog control inputs - 2 x Control Voltage / Expression Pedal

Commutable outputs - 2 x Control Voltage / Headphone

Cirrus Logic low noise AD/DA converter

Relay-based True-Bypass

Headphone out with dedicated volume control

Digital

Powerful 6-core processor with 2 A72 and 4 A53 cores

Classic DIN MIDI in and out ports + USB MIDI host port

USB-host port for connecting peripherals and Bluetooth

Expanded connectivity using a USB hub

USB-device port for computer connection

Control Chain port for MOD peripherals like the MOD Footswitch & MOD Expression Pedal

Control V and Monitoring

2 big multi-function 128x64 graphical displays (readable in sunlight and optimized for live use)

2 freely-assignable rotary encoders

8 freely-assignable potentiometers

4 freely-assignable push-buttons

Controller pagination system for multiple controlling scenarios

2 instant "snapshot" push-buttons for easy setting recall and alternation

4 LED audio meters