M

CRAFT

SYNTH

BEFORE YOU BEGIN!

CRAFTsynth is not a toy, it is a musical instrument. Please:

• Read these instructions fully before assembly and use
• Do not put any part of the kit in your mouth
• Do not attempt to service the synthesiser
• Do not expose any part of the synthesiser to a dusty or moist environments, excess temperatures or vibration
• Do not apply excessive force to any part of the unit
• Keep the synthesiser away from all liquid
• Always unplug the USB cable and battery pack when not in use
• Do not leave the batteries inside the battery case when not in use for a long period of time
• Always keep out of reach of children under 10 years of age
• If the synth appears to be damaged, do not attempt to use it
• Use appropriate eye protection when assembling the synth

modalelectronics.com

ASSEMBLY

1x   2x

4x   1x   1x

2x

8x   1x   1x   1x

1

5

1x   1x

2

3x

6

1x

3

1x

7

8x

4

8

2x

QUICK START GUIDE

CRAFTsynth has a comprehensive synthesis engine with many hidden features and huge flexibility, this guide will provide a basic introduction to get you up, running and making sounds. Please refer to the full manual at **www.modalelectronics.com** for more information, including the synthesis engine overview and MIDI implementation.

POWERING CRAFT

CRAFTsynth can be powered by connecting to a computer or power source via the mini USB connector, or by a battery pack, for stand-alone use. Please see **www.modalelectronics.com** for details on where to find the battery pack.

BASIC USE

To play CRAFTsynth, simply power on the unit, attach headphones to the headphone output or the line output to your sound system or DAW, and touch the touchpads on the front of the craft.

When powered on, a single LED should be lit, indicating that you are on page 1 of the controls.

On page 1, the knobs control the parameters listed directly underneath, for example 'Wave', 'Mix', 'Detune' and so on.

To switch to page 2, simply tap the 'Page/Preset' button, and the knobs will control the second indicated parameters, for example 'Distortion', FM' and 'Fine'.

The top LED also indicates the status of the LFO, fading in and out with the level of the oscillator.

The touch pads double up to control additional parameters. By holding only the relevant touchpad and tapping the 'Page/Preset' button, CRAFTsynth will step through Octaves, musical scales, Portamento glide time, Filter and Amp envelope presets, and headphone volume. On page 1, tapping the button will scroll up through these presets, and on page 2, it will scroll down.

The 'Mix' control allows you to mix between Oscillator 1 and 2, as well as setting which oscillator the 'Wave' parameter affects. If you are predominantly listening to Osc1, the Wave control will set Osc1 shape, and vice versa.

PRESETS

CRAFTsynth comes with 16 preset sounds. You can save your own sound over any of these, and restore all factory presets at any time. To load or save a sound, first enter 'Preset mode' by holding the 'Page/Preset' button until the LEDs start spinning. Now you can scroll through the presets by tapping the 'Page/Preset' button. The preset number is displayed as a pattern on the LEDs (which is the patch number in binary for those of you who like that sort of thing!).

Once you reach the preset number you would like to **load**, simply hold the button until the LEDs start spinning, and then let go.

To **save** over a preset, use the same process, but hold the button a bit longer, until the LEDs Flash.

To **exit** preset mode, simply press nothing and wait a few seconds until the LEDs go back to normal, indicating you are on page 1.

To **re-load** all factory preset sounds, enter preset mode and hold all 5 touch pads. **This will overwrite any sounds you have made!**

MIDI

CRAFTsynth is fully USB-MIDI class compliant, meaning you can play it from a keyboard, sequence it from a DAW, automate all the parameters (Including the morphable filter, amp and filter envelopes), use it as a midi controller, sync the LFO to your track, change patches, and more.

It requires no drivers for Macintosh and Windows systems*, and will appear as a MIDI port called 'Craft Synth' on your computer.

Please refer to the full manual at **www.modalelectronics.com** for more information.

HAVE FUN!

* Macintosh is a trademark of Apple Computer Inc; Windows is a trademark of Microsoft.