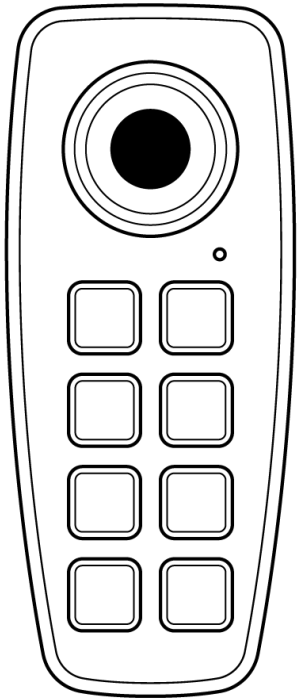
DIGIT
MUSIC

CMPSR

Mobile MIDI Instrument

Music Made Easier



Owners Manual

Table of Contents

Main Features

Fast, Simple Setup with immediate integration with your DAW, Software Instruments, Smartphone, Tablet or MIDI Hardware.

Play and control all of your favourite software/hardware instruments instantly. Works with Ableton Live, Apple Logic Pro, Bitwig, FL Studio, Cubase, Studio One, Pro Tools, and many other DAWs and KONTAKT, Vital, Serum, MASSIVE, MASSIVE X and many other software instruments.

Convenient USB and Wireless Compatibility with Desktop Computers, Laptops, Mobile Devices and MIDI Hardware and Synthesisers.

CMPSR is equipped to provide USB and wireless connections so you can select the optimal method for your operating environment. A USB connection is useful when you spend a lot of time using CMPSR with a desktop or laptop computer and don't want to worry about the battery power level; or, you can reduce cable-clutter and create a wireless connection between your Smartphone, Tablet, and/or Mac/Windows computer. The built-in wireless system is easy to use and simple to set up.

Dynamically control musical notes and mappable parameters in real time using a single fingertip gesture.

As well as playing musical notes dynamically, the faster you move it the louder the note is played, the joystick can also be assigned to a specific MIDI Control Change (CC) message so you can tweak the settings as you play your software/hardware synthesizers or while you record to your DAW.

Built in Keys, Scales and Chord Mode for an Error-Free Performance

CMPSR's key, scale and chord features allow anyone—regardless of keyboard skill—to give a performance or to play a distinct chord in key with the selected scale for fast audio production without ever playing an off-key note. Your free-form finger gestures translate into a perfect musical performance every time.

Analog Joystick

Provides Intuitive Fingertip Control of your favourite software and hardware synthesisers and mobile music apps at the touch of a finger!

Built in Haptic Engine

Haptic feedback is used to engage more senses and to receive vibrational feedback to provide a deeper and more immersive musical experience.

Preparation

Powering the Unit On

The power on/off button is located on the underside of CMPSR. To switch on, press and hold the button for 1 sec, CMPSR will vibrate and the pads (1, 2, 7 and 8) will light up and the power LED lights up Green.

Powering the Unit Off

To switch CMPSR off, press and hold the power on/off button for 3 secs or more, you feel one short vibration oas you press the button and then 3 short and one long vibration at the end of the long vibration release your finger from the button and CMPSR and the power LED turn off.

Auto Power-Off Function

In Battery mode, CMPSR automatically turns off if no operation is performed for an extended period of time.

Using a Wireless Connection

In order to use CMPSR wirelessly, a wireless connection must be established. Refer to “Using a wireless connection” in the Quick Start Guide to setup the wireless connection. With an iPhone/iPad or Mac, a wireless connection must be established each time.

Wireless Operation with USB Power

The wireless function of CMPSR can be used in combination with a USB connection. While power is supplied from the USB port of the computer, the wireless function of the CMPSR can be used to connect it to a smartphone, tablet, laptop, desktop etc.

Turning the Wireless Feature On and Off

With CMPSR powered on press the on/off button once to turn the wireless feature on, press again to turn the wireless feature off. If CMPSR is being used in an environment where radio waves cannot be transmitted, turn off the wireless function.

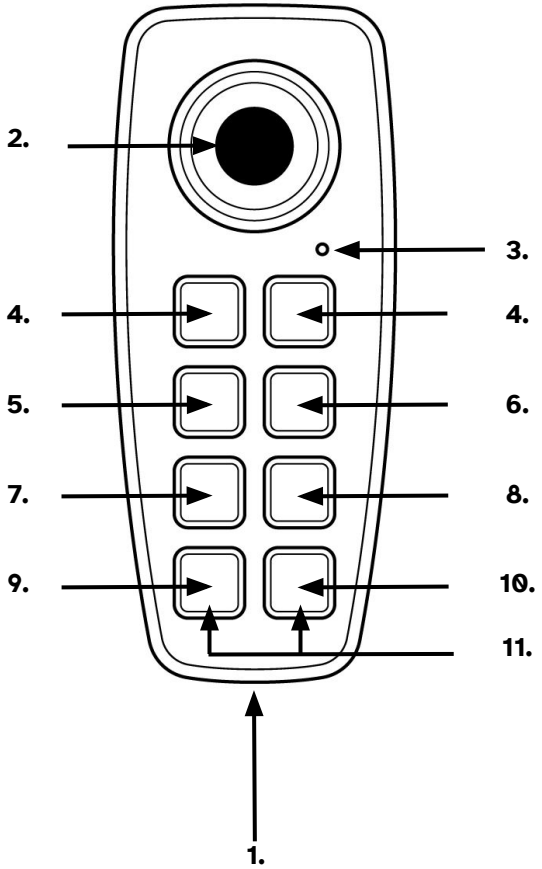
Using a USB Connection

Use the included USB cable to connect CMPSR to a USB port on your computer. CMPSR will turn on, and the power LED lights up Green. The included USB cable must be used.

Software Setup

Before using CMPSR it may be necessary to first connect CMPSR to your computer and specify the MIDI port settings, and/or to load any software synthesizers and to specify recording settings for individual tracks in your DAW software. For details, refer to your software’s Owner’s Manual.

Functions and Operations of Controls



1. Power On/Off
2. Analog Joystick
3. Power LED
4. Settings & MIDI CC Control (Button 1 + Button 2)
5. Sustain (Button 3)
6. Chord Function (Button 4)
7. Chord Extensions (Button 5)
8. Chord Inversions (Button 6)
9. Octave down (Button 7)
10. Octave Up (Button 8)
11. Accidentals (Button 7 + Button 8 pressed simultaneously)

Functions and Operations of Controls

Analog Joystick

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Function Pads

Settings (Pad 1 and Pad 2) and MIDI CC Control

Button 1 for details on setting the scale and key, refer to “Setting the Key and Scale” on page 8. Button 2 MIDI CC Control for details, refer to your software’s Owner’s Manual.

Smart Sustain (Button 3)

Pressing Button 3 will send a sustain message. The note being held when you press the sustain Button and subsequent notes played while the sustain Button is on will be sustained, even after you remove your finger(s) from the analog joystick. When in chord mode the notes played will be sustained until the next chord is played.

Chord Function (Button 4)

Pressing Button 4 switches the Chord Function on and allows you to play chords with a single finger. With the Chord Function on, chords are automatically assigned to the analog joystick, based on the current Scale and Key.

Chord Extensions (Button 5)

Adding extensions to your chords is how you bring that richness into your tracks. Pressing Button 5 once (white) adds a 7th extension to your chords, pressing it twice (yellow) adds a 9th extension to your chords and pressing it 3 times (purple) adds a 4th extension to your chords.

Chord Inversions (Button 6)

Inversions are chords with the same notes arranged in a different order. Pressing Button 6 once (white) gives a first inversion with the chord beginning on the first interval above the root. Pressing it twice (purple) gives the Second inversion where the chord begins on the second interval above the root. Pressing it again (no colour) returns to the Root position.

Functions and Operations of Controls

Octave Shift (Button 7 and Button 8)

The range of CMPSR can be shifted up (Button 8) or down (Button 7) in octave steps. Each press of the Octave + (Button 8) or Octave – (Button 7) shifts the range one octave higher or lower. CMPSR has a 5 octave range. The amount of shift is indicated by the lighting in the Octave + and Octave – buttons:

Accidentals (Button 7 and Button 8)

The pitch of CMPSR can be transposed down one semitone for the next note. Simultaneously pressing down the the Octave plus (Button 8) and Octave minus (Button 7) buttons flattens the next note played by one semitone.

Setting the Scale and Key

The Scale function allows you to easily play melodies or chords that are in tune with the selected scale and key. Press and hold Button 1 for 3 secs or more. The Scale function uses the buttons backlighting to indicate the root note that has been selected.

CMPSR allows you to choose a particular musical scale and set the key, or root note, of that scale. The Key and Scale you choose will determine the musical notes and chords that can be played by the analog joystick. The selected key and scale is indicated by the buttons backlighting.

The current scales available are:

Major
Natural Minor

Customising CMPSR (directly on the device)

Settings

CMPSR has 2 settings pages on the device itself. The first is accessed by holding button 1 for 3 or more seconds, the second is accessed by holding button 2 for 3 or more seconds.

Settings 1 allows you to change your root note using buttons 7 + 8. Button 6 cycles between scale modes, currently Major or Natural Minor. Button 5 locks the velocity of notes played with the joystick.
Button 2 cycles between the various Control Change (CC) Modes available.
See **MIDI CC Modes.**

Settings 2 allows you to change the MIDI channel being used by pressing buttons 7 + 8 to decrease (7) or increase (8) the MIDI channel.

Changing CMPSR orientation

This settings page is also where you can change the orientation of CMPSR by using button number 4. Once pressed, turn the device around 180 degrees so the joystick is at the bottom and the pads are at the top. Now press button 1 to come out of settings.

MIDI CC Modes

CMPSR features a number of CC modes when using the joystick. They are selected in Settings page 1 by pressing button 2 to cycle through.

1 - Blue - CC across every direction
2 - Red - Different CC for each direction
3 - Purple - A combination of both options 1&2, Blue&Red
4 - Green - 4 CC (Up, Down, Left, right) creating nested XY
5 - Yellow - 2x CC (both ~64 in the centre)

Operating Specification

Wireless method: Bluetooth low energy
Jacks: USB port (Type C)

Power supply: USB bus power supply

Battery service life: Approx. 12 hours

Current consumption: 500 mA or less
Dimensions (W x D x H): 78 x 187 x 90 mm*
Weight: 320 g/0.7 lbs
Included items: USB cable

Operating requirements (CMPSR MIDI Instrument)**

Windows (USB connection): Microsoft Windows 7 SP1 or later (32 bit/64 bit)
Windows (wireless connection): Computer installed with Microsoft Windows 8.1 or later and compatible with
Mac (USB connection): OS X 10.9 Mavericks or later
Mac (wireless connection): Mac installed with OS X 10.10 Yosemite or later and compatible with Bluetooth 4.0
iOS (wireless connection): iPhone/iPad installed with iOS 8 or later and compatible with Bluetooth 4.0

* For the purpose of improvement, the specifications and appearance are subject to change without notice.
**CMPSR operation is not guaranteed with all devices that satisfy these operating requirements.

Safety

Battery Safety

5V at 1A USB charger or USB port that is compliant with safety standards, such as IEC 62368.

Your device contains a rechargeable lithium-ion battery and should be replaced only by a qualified service provider.
Do not disassemble, open, crush, bend, deform, puncture, shred or attempt to access the battery in your device.
Do not modify or remanufacture the battery, attempt to insert foreign objects into the battery, or immerse or expose it to water or other liquids, expose to fire, explosion or other hazard.
Avoid dropping the device or battery. If the device or battery is dropped, especially on a hard surface, and the user suspects damage, do not attempt repair.

Do not dismantle
Do not use if casing is damaged
Do not leave exposed to high temp or in direct sunlight

Contact **support@digitmusic.co.uk** for service assistance.

Button Numbers