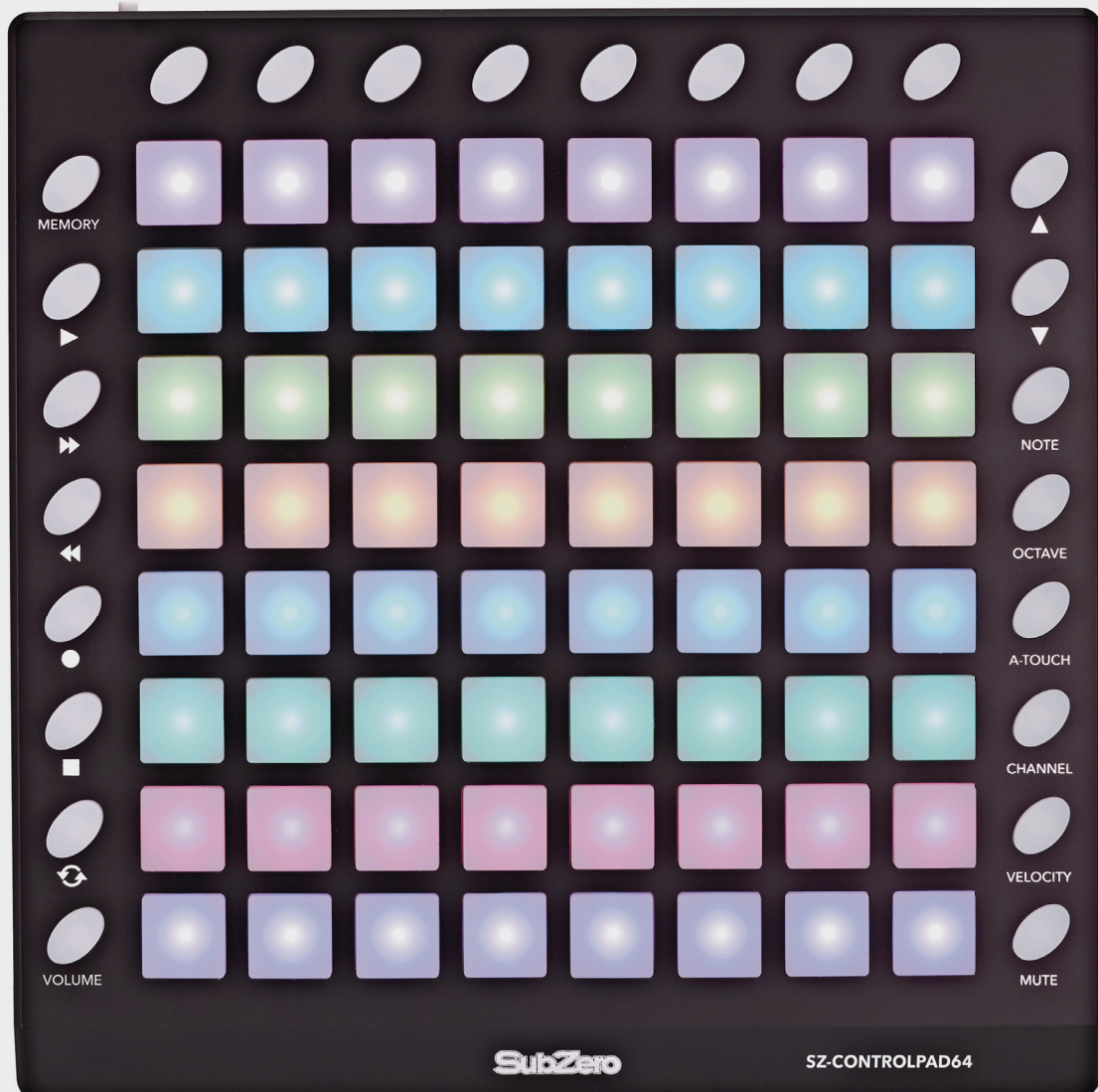
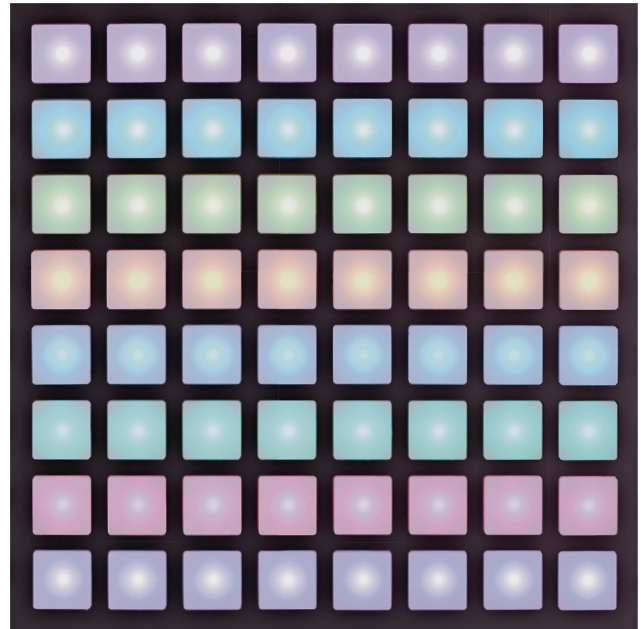


SubZero

CONTROLPAD64

USER MANUAL





WARNING!

Do not open cover. No user-serviceable parts inside. Refer servicing to qualified service personnel
Do not place the product in a location near a heat source such as a radiator, or in an area subject to direct sunlight, excessive dust, mechanical vibration or shock
The product must not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the product
No naked flame sources, such as lighted candles, should be placed on the product
Allow adequate air circulation and avoid obstructing vents (if present) to prevent internal heat build-up.
The ventilation must not be impeded by covering the appliance with items such as newspapers, tablecloths, curtains etc.
The mains plug is used to disconnect the appliance from the mains supply. Ensure that the mains outlet is easily-accessible and remove the plug from the mains outlet if you notice any abnormality with the appliance.

VAROVÁNÍ!

Nezakrývejte. Uvnitř nejsou žádné součásti opravitelné uživatelem. S požadavkem na servis se odkažte na kvalifikované servisní oddělení.
Neumísťujte produkt v blízkosti zdroje tepla, jako je radiátor, nebo na místo s přímým slunečním světlem, nadměrným prášením, mechanickým vibracím nebo šokem.
Produkt nesmí přijít do kontaktu s vodou a žádné objekty naplněné tekutinami, jako například vázy, by neměly být umístěny na produkt.
Žádné zdroje otevřeného ohně, jako například svíčky, by neměly být umístěny na produkt.
Umožněte dostatečnou cirkulaci vzduchu a vyhněte se obstrukci ventilátorů (pokud jsou přítomné) pro předejítí interního přehřívání. Ventilace nesmí být narušena překrytím zařízení výrobky jako např. noviny, kuchyňské utěrky, záclony apod.
Hlavní kabel umožňuje odpojit zařízení od elektřiny. Ujistěte se, že hlavní napájecí výstup je snadno dostupný a odpojte kabel pokud zaznamenáte jakoukoliv abnormalitu na zařízení.

ADVARSEL!

Dækslet må ikke åbnes. Ingen bruger-udsiktelige dele indeni. Overlad service til kvalificeret service personale
Placer ikke produktet i nærheden af varmekilder såsom en radiator eller i direkte sollys, meget støv, mekaniske vibrationer eller stød
Produktet må ikke udsættes for vand eller stænk, og ingen genstande fyldt med væsker, f.eks. vaser, må anbringes på produktet
Må ikke placeres nær åben ild, tændte stearinlys må ikke placeres på produktet
Vær sikker på at der er tilstrækkelig luftcirkulation og undgår at dække ventiler (hvis der er nogen) for at undgå at produktet bliver varmt. Ventililationen må ikke blokeres med overdækning af apparatet med genstande som aviser, dug, gardiner osv.
Stikket bruges til at afbryde apparatet fra strømmen. Sikre at stikkontakten er let tilgængelige, og fjern stikket fra stikkontakten, hvis du bemærker noget unormalt med apparatet.

WAARSCHUWING!

Maak de behuizing niet open. Dit toestel bevat geen onderdelen die door de gebruiker kunnen worden vervangen. Laat onderhoud over aan bevoegd onderhoudspersoneel.
Plaats het product niet in de buurt van een hittebron zoals een radiator of in een direct zonlicht of in een stofrijke omgeving, mechanische vibratie of schok.
Plaats het product niet in de buurt van spatende of lekkende voorwerpen gevuld met een vloeistof zoals bijvoorbeeld een vaas.
Er mogen geen open vlammen zoals aangestoken kaarsen op de apparatuur worden geplaatst.
Zorg om overhitting te voorkomen voor voldoende ventilatie en bellemmer ventilatorroosters niet.
Bedeck het product niet met dingen zoals kranten, tafellakens, gordijnen etc.
De stekker van dit apparaat wordt gebruikt om het apparaat aan en uit te zetten. Zorg ervoor dat het stopcontact gemakkelijk bereikbaar is en haal de stekker uit het stopcontact als u enige onregelmatigheid ondervindt.

VAROITUS!

Älä avaa kanta. Ei sisällä käyttäjä-huollettavia osia. Huollot saa suorittaa vain pätevät huoltomies.
Älä säilytä tuotetta minkään kuumaa lähellä kuten patteri tai suorassa auringonpaisteessa, pölyisessä, mekaanisessa värinässä tai iskussa
Tuotetta ei saa altistaa tippuvallalle tai loiskeelle tai nesteitä sisältäviä tuotteita kuten maljakko eivät saa olla tuoteen lähetyksillä
Avotulia kuten sytytetty kynttilä ei saa olla tuoteen päällä.
Salli riittävä ilmankierto ja vältä tuuletusaukkojen tukkiminen (jos sellaisia on olemassa) estämään sisäisen lämmön muodostumisen. Tuuletusta ei saa estää peittämällä laite esineillä, kuten sanomalehdillä, pöytäliinoilla, verhoilla jne.
Verkkovirtapistoketta käytetään irrottamaan laite verkkovirrasta. Varmista, että pistorasia on helposti saatavilla ja irrota pistotulppa pistorasista, jos havaitset jotain epänormaalia laitteessa.

ATTENTION!

Ne pas ouvrir le couvercle. Aucune pièce interne réparable par l'utilisateur. Confier la réparation à du personnel de réparation qualifié
Ne pas laisser l'appareil à proximité d'une source de chaleur telle qu'un radiateur, dans un endroit directement exposé aux rayons du soleil, trop poussiéreux, ou pouvant subir des chocs mécaniques
L'appareil ne doit pas être exposé aux gouttes d'eau et aux éclaboussures, et aucun objet rempli de liquide, tel qu'un vase, ne doit être posé dessus
Ne placer aucune source de flamme nue, telle qu'une bougie allumée, sur l'appareil
Assurez une circulation d'air suffisante et évitez d'obstruer les fentes (le cas échéant) afin d'éviter une surchauffe interne. La ventilation ne doit pas être bloquée en couvrant l'appareil avec des objets tels que des journaux, des nappes, des rideaux, etc.
La prise secteur est utilisée comme dispositif de débranchement. La prise murale doit être facile d'accès, et en cas d'anomalie de l'appareil, débrancher la prise de courant au niveau de la prise murale.

WARNUNG!

Öffnen Sie nicht das Gehäuse. Im Inneren befinden sich keine vom Benutzer zu wartenden Teile.
Überlassen Sie Wartungsarbeiten qualifiziertem Fachpersonal.
Stellen Sie das Produkt nicht an einen Ort in der Nähe einer Wärmequelle wie etwa eines Heizkörpers oder in einem Bereich mit direktem Sonnenlicht, übermäßigem Staub, mechanischen Vibrationen oder Stößen.
Schützen Sie das Produkt vor tropfenden oder spritzenden Flüssigkeiten, und stellen Sie keine mit Flüssigkeiten gefüllten Gegenstände wie Vasen auf das Produkt.
Offene Feuerquellen wie Kerzen dürfen nicht auf dem Gerät abgestellt werden.
Sorgen Sie für eine ausreichende Luftzirkulation und vermeiden Sie, dass die Lüftungsschlitze (falls vorhanden) abgedeckt werden, um einen internen Wärmestau zu verhindern. Die Belüftung darf nicht durch Abdecken des Gerätes mit Gegenständen wie Zeitungen, Tischdecken, Vorhängen usw. blockiert werden.
Der Netzstecker dient zum Trennen des Gerätes vom Netz. Vergewissern Sie sich, dass die Steckdose leicht zugänglich ist, und ziehen Sie den Stecker aus der Steckdose, wenn Sie eine Anomalie mit dem Gerät bemerken.

AVVERTIMENTO!

Non aprire il coperchio. Se fosse necessario, riferirsi ad un esperto.
Non esporre il prodotto a fonti di calore, luce del sole diretta, polvere, vibrazioni meccaniche o altri possibili shock.

EN

Non esporre il prodotto a perdite di liquido o a spruzzi. Non appoggiare nessun oggetto contenente acqua sul prodotto.
Non esporre il prodotto a fuoco, candele o oggetti simili.
Assicurarsi la circolazione dell'aria e non ostruire le ventole, se presenti, per evitare il surriscaldamento. La ventilazione non deve subire impedimenti dovuti a giornali, tovaglie, tende, ecc.
La spina principale viene utilizzata per disconnettere il prodotto dalla principale fonte di energia. Assicurarsi che la spina sia facilmente accessibile e disconnettere l'unità nel caso si notassero dei difetti di funzionamento.

ADVARSEL!

Ikke åpne dekslet. Inneholder ingen deler som kan brukes. Overlat reparasjon til kvalifisert servicepersonell.
Ikke plasser produktet i nærheten av varmekilder som f.eks. en radiator, eller i områder som er utsatt for direkte sollys, mye støv, mekanisk vibrasjon eller støt.
Produktet må ikke utsettes for drypping eller sprutting, og gjenstander som er fylt med væsker, som f.eks. vaser, skal ikke plasseres på produktet.
Åpne flammer, som f.eks. tente lys, bør ikke plasseres på produktet.
Tillat tilstrekkelig luftcirkulasjon og unngå å blokkere ventiler (hvis tilstede) for å forhindre intern varmeoppsamling. Pass på at ventilasjon ikke hindres ved å unngå å dekke apparatet med ting som aviser, bordduger, gardiner osv.
Stikkontakten brukes til å koble apparatet fra strømforsyningen. Forsikre deg om at stikkontakten er lett tilgjengelig og ta støpelet ut av stikkontakten hvis du oppdager uregelmessigheter under bruk av apparatet.

OSTRZEŻENIE!

Nie otwierać pokrywy. W środku nie ma części nadających się do naprawy przez użytkownika. Prosimy pozostawić serwis dla wyszkolonego personelu.
Nie umieszczać produktu w pobliżu źródła ciepła, np. grzejnika, lub w bezpośrednim świetle słonecznym, kurzu, czy mechanicznym wibracjom.
Produkt ten nie może być ekspozowany na kapanie lub chlapanie, a przedmioty wypełnione płynami, takie jak wazy, nie powinny być na nim umieszczane.
Źródła otwartej ognia, takie jak np. świece, nie powinny być umieszczone na produkcie.
Należy zapewnić odpowiednią wentylację i unikać blokowania otworów wentylacyjnych, aby uniknąć wewnętrznej wzrostu temperatury. Wentylacja nie powinna być utrudniana poprzez nakrywanie urządzenia gazetami, obrusami czy zasłonami.
Wtyczka sieciowa służy do odłączenia urządzenia od zasilania sieciowego. Należy upewnić się, że gniazdo sieciowe jest łatwo dostępne, a w razie wystąpienia nieprawidłowości w funkcjonowaniu urządzenia odłączyć je od zasilania sieciowego.

ATENÇÃO!

Não abra a tampa. Não tente a reparação do instrumento por si. Dirija-se a pessoal qualificado
Não aproxime a uma fonte de calor excessivo ou exponha o produto à luz solar, poeira, vibração ou choque
Não mantenha o produto num local húmido ou perto líquidos como vasos, etc.
Não aproxime o produto a fontes de fogo vivo, como velas
Mantenha o produto num espaço suficientemente arejado de forma a evitar sobre-aquecimento. Não bloqueie a ventilação do instrumento, cobrindo-o com artigos como cortinas, toalhas de mesa ou jornais
O transformador é utilizado para conectar e desconectar o artigo da principal fonte de energia.
Certifique-se que a ficha é facilmente acessível e que o artigo está devidamente ligado à corrente se detectar alguma anomalia com o funcionamento

VÝSTRAHA!

Neotvárajte kryt. Vo vnútri nie sú žiadne súčasti, ktoré sú opraviteľné užívateľom. S požiadavkou na servis sa obráťte na kvalifikované servisné stredisko.
Nevystavujte produkt do blízkosti akéhokoľvek tepelného zdroja ako napr. radiátora, alebo do kontaktu so slnečným žiarením, nadmerným prášením prostredím, mechanickým vibráciám alebo šokom.
Produkt nesmie prísť do kontaktu s vodou a žiadny objekt naplnený vodou, ako napr. váza, nesmie byť umiestnený na produkt.
Žiadne výrobky s otvoreným ohňom, ako napr. sviečky, by nemali byť umiestnené na produkt.
Umožnite dostatočnú cirkuláciu vzduchu a zabráňte obštrukcii ventilačných otvorov (ak sú prítomné) kvôli prevencii vnútorného prehrievania. Ventilácia nesmie byť narušená prekrytím zariadenia výrobkami ako napr. noviny, kuchynské utierky, záclony a pod.
Hlavný kábel umožňuje odpojiť zariadenie od elektriny. Uistite sa, že hlavný napájací výstup je ľahko dostupný a odpojte kábel ak zaznamenáte akúkoľvek abnormalitu na zariadení.

OPOZORIO!

Ne odpirajte pokrova. V notranjosti ni nobenih delov, ki jih uporabnik lahko sam popravlja. Popravilo prepustite usposobljenemu osebi
Ne postavljajte izdelka na lokacijo v bližini vira toplote, kot je radiator, ali na območje, ki je izpostavljeno neposredni sončni svetlobi, pretiranemu prahu, mehanskim tresljajem ali udarcem
Izdelek ne sme biti izpostavljen kapljanju ali brizganju in nobeni predmeti, napolnjeni z vodo, kot so vaze, se ne smejo postaviti na izdelek
Nobeneha od virov odprtega ognja, kot so vžgane sveče, se ne sme postavljati na izdelek
Zagotovite zadostno kroženje zraka in umaknite ovire na odprtinah (če obstajajo), zaradi preprečevanja kopičenja notranje toplote. Ventilacija se ne sme ovirati s prekrievanjem naprave s predmeti, kot so časopisi, prti, zavese itn.
Omrežni vtič se uporablja za izklop naprave iz električnega omrežja. Poskrbite, da je omrežna vtičnica zlahka dostopna in izvlecite vtič iz vtičnice, če opazite kakršno koli nepravilnost pri napravi.

¡ADVERTENCIA!

No abra la tapa. No intente reparar el aparato usted mismo. Llévelo a reparar por personal calificado.
No coloque el aparato cerca de fuentes de calor excesivo o donde esté expuesto a luz solar directa, golpes, vibraciones o polvo.
Evite lugares expuestos a humedad. No ponga objetos llenos de líquidos en la superficie de este aparato.
No se deben colocar fuentes de llama desnuda, como velas encendidas, en la superficie de este aparato.
Mantenga suficiente espacio alrededor del aparato para permitir una ventilación adecuada. No obstruya o tape las aberturas con objetos como periódicos, manteles, cortinas, etc.
El enchufe se utiliza para desconectar el producto de la corriente. Si nota algún defecto, desconéctelo de la toma de corriente.

VARNING!

Öppna ej locket. Inga användarvänliga delar inuti. För reparationer vänd er till kvalificerad servicepersonal
Ställ ej produkten vid en värmekälla t.ex element, i direkt solljus, damm, elektronisk vibration eller shock.
Produkten bör ej bli utsatt för droppande eller stänk och inga objekt fyllda med vätskor som t.ex vaser skall ställas på produkten.
Ingen källa till öppna flammor som t.ex tända ljus bör placeras på produkten.
Tillåt tillräcklig luftcirkulation och blockera ej eventuella ventiler för att undvika intern överhettning.
Ventilen bör ej täckas av föremål såsom tidningar, dukar, gardiner etc.
Nätkontakten används för att koppla bort apparaten från eluttaget. Se till att eluttaget är lättåtkomligt och avlägsna kontakten från eluttaget om du upptäcker något abnormalt med produkten.

IT

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1. INTRODUCTION

Thank you for purchasing the SubZero SZ-CONTROLPAD64 controller. To help you get the most out of your new device, please read this manual carefully.

In order to use the functions of this product, you'll need to ensure the software you're using is set up correctly. For further information please refer to your application's user manual.

2. FEATURES

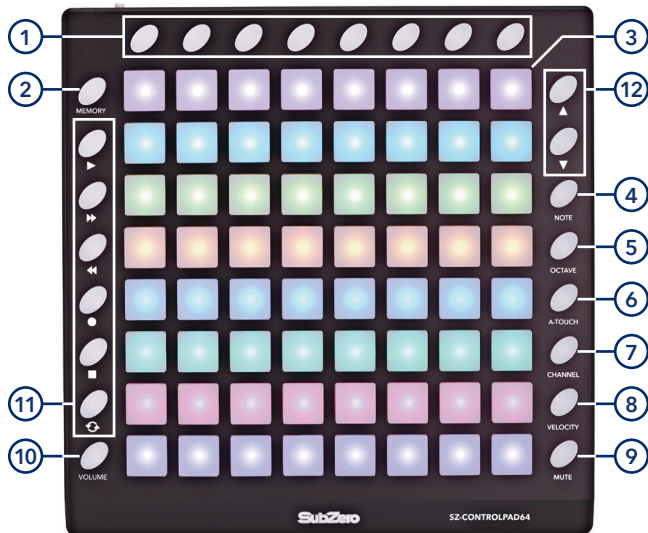
- 64 high-quality velocity and pressure sensitive performance pads with backlights. Can be assigned easily as pads, MIDI CC buttons or program change switches.
- Function buttons, providing features including: octave, aftertouch, velocity and mute.
- Powered by USB. No additional power supply is required.
- MIDI in and MIDI out.
- Compatible with Win10/8/7/XP/Vista and Mac OSX. No driver is required.
- Fully customisable by using the included MIDI Software Editor.



3. PARTS & FUNCTIONS

3.1 MIDI OVERVIEW

3.1.1 Top panel overview



1. Buttons

These buttons can transmit control change messages. Each button can be used to send continuous control data to a desktop audio workstation or external MIDI device.

2. [Memory] button

Hold the Memory button and press one of the pads to recall parameters stored in memory.

Press the Memory button. The system enters the storing state where it can store up to 6 group's setup values.

3. Trigger pads

Pads can transmit note messages or control change messages. The pads can be used to trigger drum hits to your software or hardware module. The pads are pressure and velocity sensitive, which makes them very responsive and intuitive to play.

Use the MIDI Software Editor to select the backlight colour of the 64 pads (see section 5.2 for details).

4. [Note] button

The 64 pads have dual modes: trigger pads mode and key note mode. Click the note button to start the note mode of the 64 pads. Then press the +/- button to increase or decrease the current note by a semitone.

5. [Octave] button

Press the Octave button to start the Octave function. Then use the +/- button to adjust the octave from 0 to 4. Press DATA +/- buttons at the same time to reset the octave to 0.

6. [A.Touch] button

Press the A.touch button to start the channel aftertouch and keyboard aftertouch functions. Channel aftertouch is activated when the LED on the A.touch button is red. Keyboard aftertouch is activated when the LED is blue. When channel aftertouch is on, the system sends channel aftertouch data when you press the pads. When keyboard aftertouch is on, the system sends keyboard aftertouch data when you press the pads.

7. [Channel] button

Press the Channel button to start the channel function. Use the +/-button to select the channel.

8. [Velocity] button

Press the Velocity button to start the velocity selection function. Medium = Green, Heavy = Red, Constant = Blue.

9. [Mute] button

Mute on/off button. Pressing the mute button will start the mute function. No message will be transmitted under Mute mode.

10. [Volume] button

Volume button. Sends a General MIDI message to the DAW.

11. [MMC] button

There are 6 buttons used for MIDI Machine Control (MMC): [||<<], [<<], [>>], [O], [stop], [play]. Use these to control your master application's functions (eg DAW playback).

12. [<] and [>] button

These buttons are used for navigating through menus and options.



13. [MIDI OUT] Connector

Use a five-pin MIDI cable to connect the MIDI OUT of the CONTROLPAD64 to the MIDI IN of an external device.

14. [MIDI IN] Connector

Use a five-pin MIDI cable to connect the MIDI OUT of an external MIDI device to the MIDI IN of the CONTROLPAD64.

16. [OFF/ON] button

Turns power off/on.

17. Full-sized USB connector

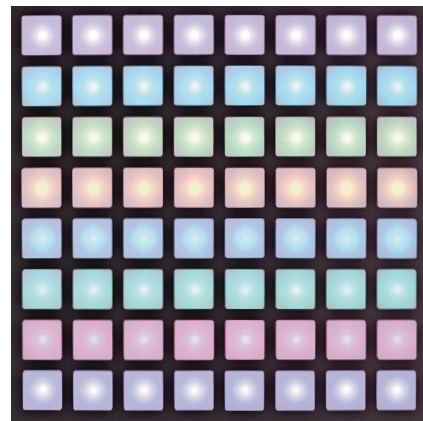
Connect the CONTROLPAD64 to your computer with the supplied USB cable via this port.

15. DC 5V

5V power input.

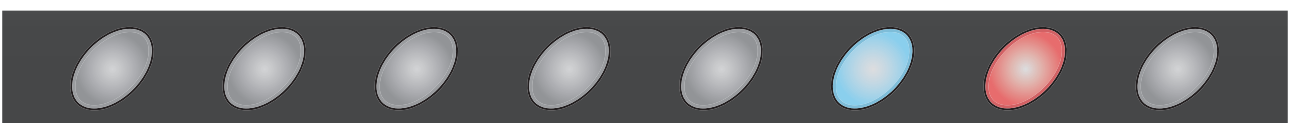
3.1.2 The pads/preset buttons

The CONTROLPAD64 has 64 high-quality, backlit performance pads. They can be easily assigned as pads, MIDI CC buttons or program change switches. The pads are all pressure and velocity sensitive.



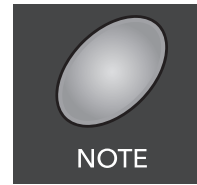
3.1.3 Parameter control buttons

These buttons transmit control change messages. The 8 buttons can be assigned to control any editable parameter on the selected device. Each button can be used to send continuous control data to a desktop audio workstation or external MIDI device.



3.1.4 Note button

The 64 pads have dual modes: trigger pads mode and key note mode. Press the note button to start the note mode of the 64 pads. Then press the +/- button to increase or decrease the current note by semitone.



3.1.5 Octave button

Pushing the Octave button will transpose the keyboard by as much as four octaves up or down. The further from the center note of the keyboard, the faster the buttons will flash.



Press the Octave button to start the Octave function. Then use the +/- button to adjust the octave from 0 to 4. To reset, press the DATA +/- buttons at the same time.

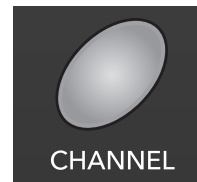
3.1.6 A. Touch button

Press the A.touch button to start the channel aftertouch and keyboard aftertouch functions. Channel aftertouch is activated when the LED on the A.touch button is red. Keyboard aftertouch is activated when the LED is blue. When channel aftertouch is on, the system sends channel aftertouch data when you press the pads. When keyboard aftertouch is on, the system sends keyboard aftertouch data when you press the pads.



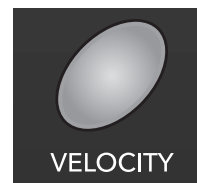
3.1.7 Channel button

Select the current MIDI channel. Press the Channel button, then use the +/- button to select the MIDI channel from 1 to 16. The default setting is MIDI channel 1.



3.1.8 Velocity button

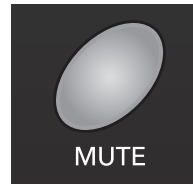
Every time you press a key, a MIDI note message is sent with a velocity value between 0 and 127. This value describes how hard you pressed the key. Since different people have different playing styles, the CONTROLPAD64 offers a number of different velocity sensitivity curves. You should experiment with the different velocity curves to find the setting that best suits your playing style.



Press the velocity button to start the velocity selection function. The medium (or normal) velocity is selected when the velocity button is green, heavy velocity when it's red, and blue for constant velocity.

3.1.9 Mute button

Mute on/off button. Press the mute button to start the mute function. No messages will be transmitted in Mute mode.



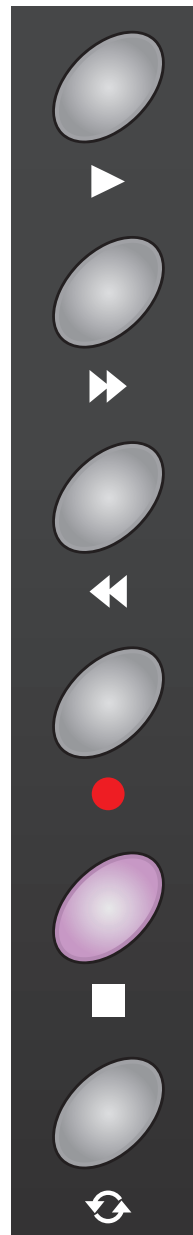
3.1.10 Volume button

Sends a General MIDI Master Volume message to the DAW



3.1.11 [MMC] button

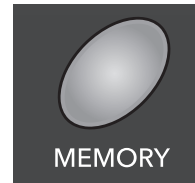
There are 6 buttons used for MIDI Machine Control (MMC): [||<<], [<<], [>>], [O], [stop], [play]. These can be assigned to the same controls in your software application (eg for DAW playback).



3.1.12 Memory button

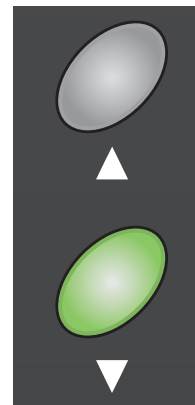
Hold the Memory button and press one of the pads to recall parameters that have been stored in the memory.

When you press the Memory button, the system enters a storing state.



3.1.13 [<] and [>] button

These buttons are used for navigating menus and options.



3.1.14 Back panel overview

On the back panel of the CONTROLPAD64, you will find: USB type B connection, MIDI in, MIDI out, DC 5V and the on/off button.



4. SETUP

4.1 MINIMUM SYSTEM REQUIREMENTS

Windows	Mac OS
Pentium 3 800 MHz or higher (CPU requirement may be higher for laptops)	Macintosh G3*800/G4*733 MHz or higher (CPU requirement may be higher for laptops)
256MB RAM	OS X 10.3.9 with 256 MB RAM,
Direct X 9.0b or higher	OS X 10.4.2 or greater with 512 MB RAM
Windows XP(SP2)or higher	*G3/G4 accelerator cards are not supported

4.2 Making detailed settings

For additional customisation and settings, you will need to use the CONTROLPAD64 Software Editor (explained below).

5. USING CONTROLPAD64 WITH SOFTWARE

5.1 CREATING MIDI PRESETS WITH THE CONTROLPAD64 SOFTWARE EDITOR

5.1.1 Overview: What is a CONTROLPAD64 Preset?

Thanks to the CONTROLPAD64 Software Editor, it's possible to configure your CONTROLPAD64 to work with almost any device or software capable of responding to MIDI information.

To summarise, here are some examples of what you can do with a CONTROLPAD64 preset:

- Assign pads to send MIDI Machine Control commands (MMC).
- Use the pads to transmit MIDI notes.
- Switch between two values of any MIDI CC# by playing a pad.
- Assign a button to control any MIDI CC# and define its operational range.
- Save the entire set of altered controls to one of the CONTROLPAD64's 8 preset locations.
- Define another 7 sets of parameter assignments and save each one to a different memory location.
- Recall any of the 8 personalized presets easily and immediately.

5.1.2 Assigning pads to MIDI notes

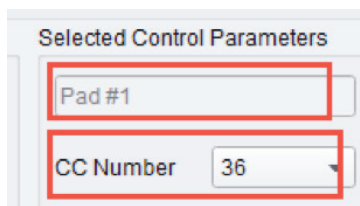
The natural thing to do when you're starting a song is to lay down the kick and snare tracks. The CONTROLPAD64's pads can be assigned to any MIDI note number that you like. For this example, we'll set pads 1 and 2 to trigger the General MIDI note numbers for the bass drum and snare drum (MIDI note numbers 36 and 38, respectively).

By default, the pads have their Mode set to MIDI note. For now, we'll leave the mode setting to Gate, so that notes stop playing when you lift the pad. You can try the Toggle value later if you'd like the MIDI note to stay on until you hit the pad a second time.

5.1.2.1 Select the MIDI note number: Kick

The CC number field is used to set the MIDI note number. Click the CC Number pull-down menu and set this value to 36, which is the General MIDI Kick drum note number.

We'll show you how to set pad 2 to the snare drum note number in section 5.1.3.2.



5.1.2.2 Select the MIDI note number: Snare

Setting pad 2 to trigger the snare is done the same way. This time, we will be choosing a different MIDI note number (38 in this case):



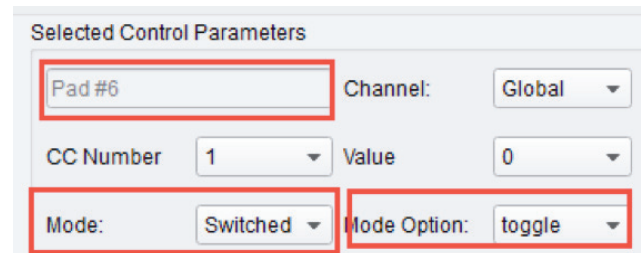
Now you're ready to lay down the groove for your song, with pads 1 and 2 set to play the kick and snare.

5.1.3 Assign a pad to toggle a MIDI CC # between two values

One popular musical effect these days is to take an audio loop, filter it heavily for certain sections of

a song, then switch it back to the full-open sound later in the song. You can pre-configure one of the CONTROLPAD64 pads to send those commands to a filter plugin that should be readily available in your DAW software.

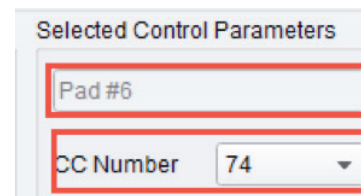
We'll use pad 6 for this example. Select it and then use the pull-down Mode menus to select Switched and Toggle:



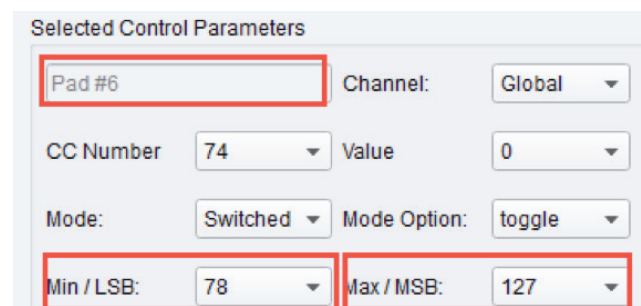
These settings will allow you to send two different values of a particular MIDI CC number each time you press the pad.

There are a couple of MIDI CC numbers that have been assigned the task of controlling filter brightness (CC# 74) or harmonic content (CC# 71). We'll use CC# 74 for this example.

Click on the CC number field and select the brightness controller number as shown:



Next, we'll set some minimum and maximum values (adjust them to suit your audio source):



The first press of pad 6 will send a CC# 74 command with a value of 78, which will close the filter down part way but still let a lot of the audio pass through. The second press of pad 6 will send a

value of 127, opening the filter completely.

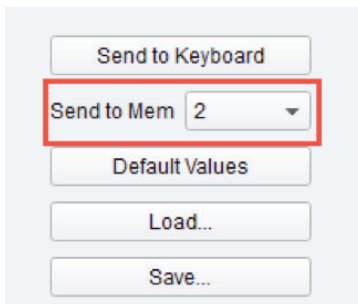
Note: Be sure to check the MIDI channel assignment to make sure it matches that of the receiving device.

5.1.4 Save changes to a preset

Let's make sure your new custom configuration is available whenever you want it. To do that, you need to save these settings as a group into one of the CONTROLPAD64's eight memory locations .

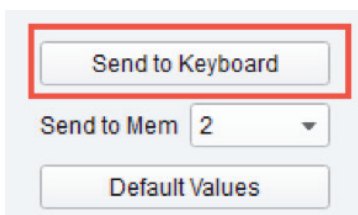
In the upper right-hand section of the MIDI Software Editor, there is a button called Send to Keyboard. Right below that is a pull-down menu that allows you to specify which of the CONTROLPAD64's 8 memory locations will be the destination for the preset you've created.

First, select a memory location you know is available. We'll use memory location #2 for this example:



Select #2 in the drop-down list as pictured above.

Once you're sure where the preset will be stored, click the Send to Keyboard button:



5.1.5 Recalling a preset / Switching between presets

Once you've created a couple of presets, you can switch between your personalised configurations very quickly. Simply hold the Memory button and press one of the 4 pads as shown in picture below.



The combination of the Memory button and pad 2 will recall preset #2 from the CONTROLPAD64's memory.

To switch from preset #2 to preset #1, hold Memory again and press pad 1 instead.

5.2 Select the backlit RGB colour of 64 pads

Using the CONTROLPAD64 Software Editor, press the pad and the red circle button ✓ will appear. Then select the colour range number for CR, CG and CB. Press the Send to Keyboard to send the parameters to the CONTROLPAD64 and then press the OK button to confirm. The colour range is from 0 to 127 for each red, green and blue channel.

COLOR	R.	G.	B.
WHITE	127	127	127
BLACK	0	0	0
RED	127	0	0
GREEN	0	127	0
BLUE	0	0	127
CYAN	0	127	127
MAGENTA	127	0	127
YELLOW	127	127	0
ORANGE	127	82	0

SPECIFICATIONS

Connectors:USB connector

Power supply:USB bus power mode

Current
consumption:100 mA or less

Dimensions
(W x D x H):256x256x36mm

Weight :840g

Included items:USB cable, owner's manual

*Specifications and appearance are subject to
change without notice.

If you have any more questions about this product, please do not hesitate to contact the Gear4music Customer Service Team on: **+44 (0) 330 365 4444** or **info@gear4music.com**