KN-DIGICON20

English

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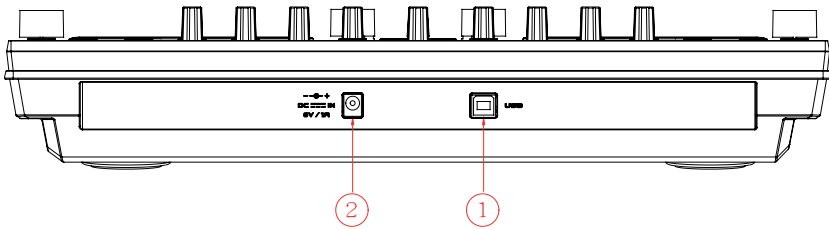**MANUAL (p. 2)**
DJ MIDI DIGITAL CONTROLLER

ENGLISH

Introduction:

The KN-DIGICON20 is a highly professional MIDI controller with two jog wheels. Together with the crossfader controls it gives the amateur DJ as well as the professional DJer true professional mixer features on this MIDI controller. The controller is suited for MP3/WAV/OGG-files from a PC or laptop. The scratch-function, seamless looping, the kill-functions and different effects gives the creative DJ complete control. The KN-DIGICON20 works plug & play with Mac OS X and Windows® XP SP2 and Vista™. Power is attained from a USB 2.0. (The included power adapter is recommended for greatest stability).
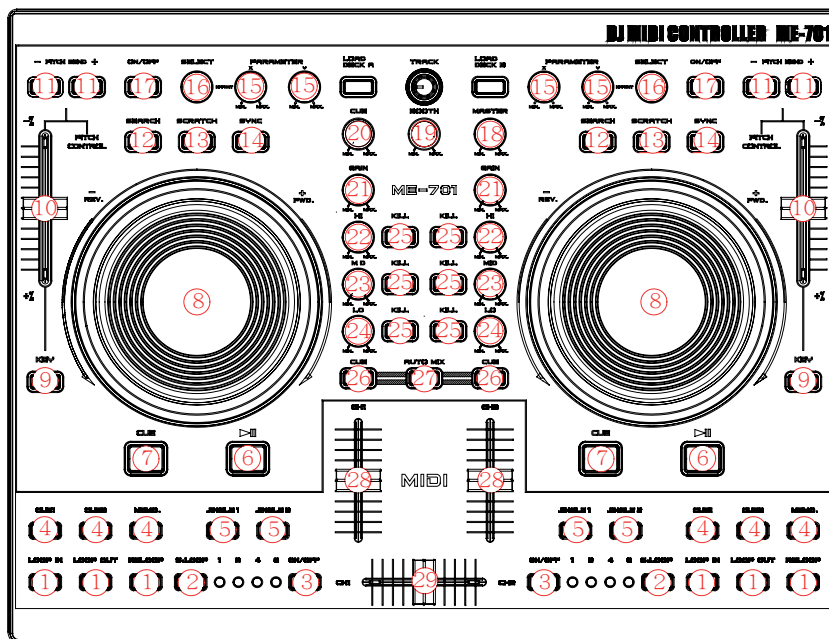
Description back view :

1. **USB port:**
    Install the attached Demo software (Emix) before connecting the USB cable with PC or Laptop.
2. **AC power for controller**

Function of the Control Unit

1. SEAMLESS LOOP

a. Loop-in

The Loop in point is able to be recorded during PLAY and PAUSE mode. If Loop-out point is recorded, and Loop-in point is re-set behind Loop-out point, Loop-out point will be cleared

b. Loop out / Exit

    i.   After Loop-in point is set, press this button to memorize the end point of the LOOP interval, and start looping.

    ii.   Press this button again to exit Looping.

    iii.   Reset Loop-out point: Press the button again to reset the Loop-out point and looping starts again

    iv.   Loop out point must be after the Loop-in Point, or the Loop-out point will be canceled.

c. Reloop

    i.   Press it to Re-start seamless loop.

    ii.   No function if Loop-in point is not recorded.

    iii.   If Loop-out point is not set, will back to Loop-in point and start playing.
        (similar to hotcue function)

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2. SMART LOOP (RANGE SELECT)
User is able to select the Looping interval between: 1/2/4/8 beat

3. SMART LOOP ON/OFF
LED ON: The Loop is playing at the interval as selected beats.
LED OFF: The Loop is playing at the interval between the Loop-in and Loop-out.

4. HOT-CUE
This unit will allow you to play from 2 cue points instantly.
a. Set CUE memory: Press the MEMO button first, and then press the CUE button to complete
    the CUE setting, then this CUE button will light up.
b. Play" CUE" memory: Upon pressing specific CUE button, it will flash about 5 seconds.
    Note: This function is not available during perform REVERSE sound effect.

5. JINGLE/SAMPLER
User can preset the Effects or Songs for Jingle on a computer.
a. Press Memo button and then press Jingle, a "Sampler track" will be created to the "Jingle list".
    User can set the recorded sampler to the Jingle from computer.
b. Maximum length of sampler time: 12 seconds.

6. PLAY/PAUSE
Each press of this button causes the operation to change between PLAY and PAUSE modes.

LED indicator:
i.   When track is playing, the LED indicator ON.
ii. When track is paused, the LED indicator flashes.

7. CUE
The cue function allows the CD returning to the memorized point. In PAUSE mode, pressing the
CUE button to set the cue point, and the CUE button blinks; in PLAY mode, press this button to
pause the unit at the memorized point.

8. JOGWHEEL
   • Speed Control (SEARCH indicator off)
Rotating the wheel, in play mode, will change the playback speed accordingly. While rotating
clockwise, the player speed increases; rotating counterclockwise, the speed decreases.

   • Search (SEARCH indicator lights)
Rotating the wheel, the player will forward or backward quickly. The searching speed changes
according to the dialing speed. It can be carried out by one frame increment.

9. KEY ON/OFF SWITCH (MT)
Press the button to switch KEY mode on or off.
If it is ON, unit maintains constant tempo this will not change while the pitch slider is moving.

10. PITCH CONTROL SLIDER
To match the choices of playback speed (8%, 16%, 32%, 100%), you can choose what range
you want between minimum (top) and maximum (bottom) by moving the pitch control slider.

11. PITCH BEND + / - BUTTON
When each of the two CD players is playing, the pitch bend function allows the position of the bass beat to be matched after the pitch has been adjusted. The pitch will automatically rise up to + 16% from the current setting while pressing the " + "button. While pressing the " – " button, the pitch will automatically drop to - 16 % from current setting. By the way of changing the pitch the position of the beats can be matched.

12. SEARCH BUTTON
Pressed the button to switch the function of Jog Dial between SEARCH and PITCH BEND.
- When the indicator LED is light, dial the jog for quick search forward and backward.
- When the indicator LED is off, dial the jog for pitch bend function.
- If the jog is unmoved for 8 seconds, the indicator is off, and the jog is for pitch bend function.

13. SCRATCH EFFECT
LED ON: Scratch ON
LED Off: Scratch Off

14. SYNC:
This function is to synchronize the BPM of Unit 1 & 2 automatically.

15. EFFECT PARAMETER
Adjust the parameter of the effect by turning adjust knobs. X for Strength control, Y for Length control

16. EFFECT SELECTOR
To select the effects from PC software

17. EFFECT ON/OFF
Effect On/off Switch

Mixer section

18. Master Volume control
Adjusts the master output sound level.

19. BOOTH Volume control
Used to adjust the level of the BOOTH MONITOR output. Level is not affected by the master volume and master balance.

20. CUE LEVEL (Cue level adjustment knob):
Adjusts headphone monitor sound. When CH-1 to CH-2 has been selected, the level is not affected by master volume or master balance adjustment

21. GAIN:
Adjust the input signal level LCD Display shows [Sam Forward] or [Sam Reverse] for 2 Sec.

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22. CHANNEL EQ COINTROL
   HI:
   Adjusts high-tone input sounds. At the center position, sound will be flat.

23. MID:
   Adjusts mid-tone input sound. At the center position, sound will be flat.

24. LOW:
   Adjusts low-tone input sound. At the center position, sound is flat.

25. KILL
   Press the buttons to mute the selected band (Hi/Mid/Low) of the track

26. CUE:
Used to select the source (CH-1 & CH-2, MASTER) to be monitored with headphones.
Press it again to cancel the selection. Pressing multiple buttons to derive mixed sound from the selected sources.

27. AUTO MIX:
Press the Auto Mix Button to mix unit 1 & unit 2 automatically (with fade in/out effect)

28. CHANNEL (CH-1 TO CH-4) FADER
Adjusts the channel output sound levels.

29. CROSS FADER
Used to adjust the sound mix volume of the sources set to Ch1 or Ch2.

Declaration of conformity

We,

Nedis B.V.
De Tweeling 28
5215MC 's-Hertogenbosch
The Netherlands
Tel.: 0031 73 599 1055
Email: info@nedis.com

Declare that product:
Name: König Electronic
Model: KN-DIGICON20
Description: Digital Controller

Is in conformity with the following standards
EMC: EN 55022:2006
               EN 55024:1998+A1:2001+A2:2003
               EN 61000-3-2:2000+A1:2005
               EN 61000-3-3:1995+A1:2001+A2:2005

Following the provisions of the 89/336/EEC directive.

's-Hertogenbosch, 2008, March 04

Mrs. J. Gilad
Purchase Director

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Safety precautions:
To reduce risk of electric shock, this product should ONLY be opened by an authorized technician when service is required. Disconnect the product from mains and other equipment if a problem should occur. Do not expose the product to water or moisture.

Maintenance:
Clean only with a dry cloth. Do not use cleaning solvents or abrasives.

Warranty:
No guarantee or liability can be accepted for any changes and modifications of the product or damage caused due to incorrect use of this product.

General:
Designs and specifications are subject to change without notice.
All logos brands and product names are trademarks or registered trademarks of their respective holders and are hereby recognized as such.

Attention:
This product is marked with this symbol. It means that used electrical and electronic products should not be mixed with general household waste. There is a separate collections system for these products.

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