

DK10 UPGRADE GUIDE(S)

Includes Versions 1.4 - 1.8

October 1998

DK10 1.4 Upgrade...

NEW FEATURE:

- PAD SENSITIVITY

USES:

Your dk10 comes loaded with new 1.4 "Finger Friendly" software that was designed to improve the performance and sensitivity for both sticks and fingers. Version 1.4 of the dK10 allows the user to adjust the sensitivity thresholds to make the dK10 more sensitive to light playing. This will make the dk10 up to twice as sensitive!

On power-up the dK10 measures the idle level of all 10 playing pads and sets each of their thresholds at safe levels so that the user is not troubled with false triggering and interactions between pads. However, this safety margin that we add to the thresholds makes the dK10 less sensitive than it could be. Now, the user has the option of lowering the thresholds, in steps, to increase the sensitivity of their dk10.

HOW TO SETUP:

To **increase sensitivity** on a dk10:

1. Press down on both pad4 & pad5.
2. While pad4 & pad5 are both being held, depress the Note Edit footswitch and release it. Each depression of the Note Edit footswitch (while pad4 & pad5 are being held down) will increase the sensitivity of all 10 pads and give a verification beep. After 7 sensitivity increases, the thresholds reach as low as we will let you go. Further footswitch depressions will result in an error beep which indicates you may not increase the sensitivity any further.

*NOTE: It may happen that if you raise the sensitivity too far you may get some false triggering or interactions between pads. If that happens you have two choices - to lower the sensitivity back down (one step at a time) or simply power the dK10 off and back on. These changes are temporary - they remain in effect until you turn the dK10 off. Upon re-powering up the thresholds are all back at very safe levels.

To **reduce the sensitivity** on a dk10:

1. Press down on both pad5 & pad6.
2. While pad5 & pad6 are both being held, depress the Note Edit footswitch and release it. Each depression of the Note Edit footswitch (while pad5 & pad6 are being held down) will reduce the sensitivity of all 10 pads and give a verification beep.

DK10 1.7 / 1.8 Upgrade...

NEW FEATURES:

- GATE TIME
- ROLL MODE
- LATCH MODE
- PROGRAM CHANGE MODE

GATE Time / ROLL Mode

USES:

Choose between 7 different GATE Time settings to optimize the performance of the DK10 and your sound source. ROLL Mode allows certain drum machines and samplers to respond better to fast playing, eliminating the "machine gun" effect. *Gate Time / ROLL Mode is a Global setting.

HOW TO SETUP:

1. Press and hold PADS 3 and 4 and press Footswitch 1. You will hear either 1, 2, 3,... or 6 beeps, each corresponding to 6 different GATE Times...

1 Beep	=	25 milliseconds
2 Beeps	=	100 milliseconds
3 Beeps	=	250 milliseconds
4 Beeps	=	1 second
5 Beeps	=	6 seconds
6 Beeps	=	ROLL MODE (last note shuts off after 6 seconds)

LATCH Mode

USES:

LATCH Mode, "latches or locks" a pad to continuously play until the pad is hit again, stopping it. This is a great feature allowing you to sustain notes or trigger loops from samplers and sequencers.

HOW TO SETUP:

1. To set a pad to play in Latch Mode, you must enter Latch Edit Mode. To do this, hold down Pads 1 & 3 and press the NOTE footswitch. You will hear 2 high pitched beeps letting you know you've entered Latch Edit Mode.
2. Hitting any of the pads now will toggle them in and out of Latch mode. High beep = pad in Latch mode; Low beep = pad out of Latch mode.
*NOTE: you are in Latch Edit Mode - you will not hear any sounds other than the high and low beeps until you exit Latch edit Mode.
3. To exit Latch Edit Mode, simply press and release the NOTE footswitch.

*NOTE: If a Hi-Hat pad is placed in Latch Mode, only the OPEN note will act as a Latch.

PROGRAM CHANGE MODE

USES:

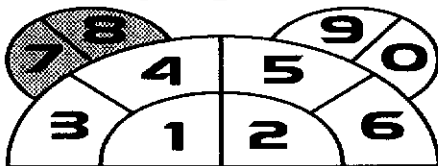
PROGRAM CHANGE allows the DK10 to send Program Changes on Channel 10.

HOW TO SETUP:

1. To send Program Changes, you must enable the PROGRAM CHANGE Mode by holding down Pads 1 & 2 and pressing the NOTE footswitch. You will hear 2 high pitched beeps letting you know you've entered PROGRAM CHANGE Mode.
*NOTE: the DK10 always powers up with PROGRAM CHANGE disabled and a program change value of 1.
2. When the CHANNEL footswitch is pressed and released while in PROGRAM CHANGE Mode, the program change value is incremented by one and sent. This allows you to easily advance through program changes.
3. If you want to send a specific program change #, you can do this by holding down the CHANNEL footswitch and hitting a three pad combination.
EXAMPLE: You want to send program change #124... hold down the CHANNEL footswitch and then hit Pad1, Pad2 and then Pad4. If you want to send program change #003... hold down the CHANNEL footswitch and then hit Pad0, Pad0 and then Pad3.

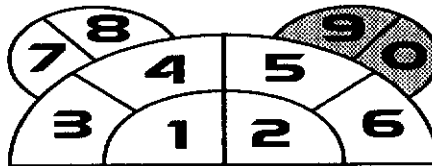
Quick Overview Of Pad Functions

Playing Curve



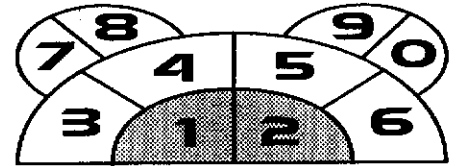
Hold 7 & 8 and press
NOTE footswitch

Trigger Gain



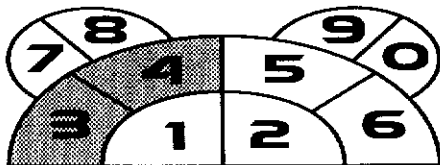
Hold 9 & 0 and press
NOTE footswitch

Program Change



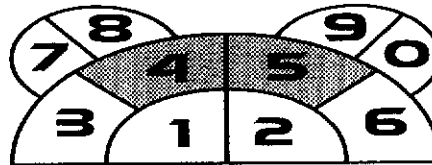
Hold 1 & 2 and press
NOTE footswitch

Gate Time



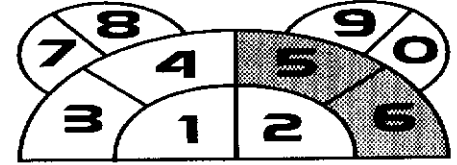
Hold 3 & 4 and press
NOTE footswitch

Increase Sensitivity



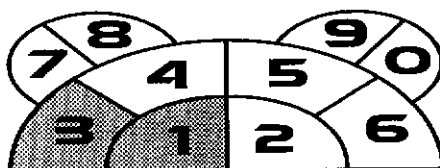
Hold 4 & 5 and press
NOTE footswitch

Decrease Sensitivity



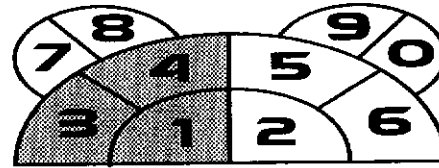
Hold 5 & 6 and press
NOTE footswitch

Latch Edit Mode



Hold 1 & 3 and press
NOTE footswitch

Reinitialize DK10



Hold 1, 3 & 4 and
turn unit on

Alternate Mode, Inc.

Makers of KAT MIDI Controllers & Accessories

53 First Ave., Chicopee, MA 01020

Tel. 413-594-5190 Fax. 413-592-7987 Email: KAT1993@aol.com

Websites: katpercussion.com ...info on KAT Electronic Percussion
alternatemode.com ...the MIDI percussionists webpage!