

Note Dispenser ND 300 KM User Manual

For a better understanding and first steps with the ND 300 KM this is small introduction. It will explain how to learn the ND (note dispenser) the ticket or bill that you want to dispense.

The ND 300 KM has several dipswitches in the back of the unit and with these switches you can choose the adjustment you need for your specific use. A diagram follows for better understanding:



ND-300KM

1. Dipswitch Setting

SW						
ON	1	2	3	Credit Pulse Timing	Machine Number	Note Dispense Mode
1	ON	ON	ON	2Sec±5%	1	Hopper Mode
2	OFF	ON	ON	1Sec±5%	2	Hopper Mode
3	ON	OFF	ON	800ms±5%	3	Hopper Mode
4	OFF	OFF	ON	550ms±5%	4	Hopper Mode
5	ON	ON	OFF	2Sec±5%	5	Pulse Mode
6	OFF	ON	OFF	1Sec±5%	6	Pulse Mode
7	ON	OFF	OFF	800ms±5%	7	Pulse Mode
8	OFF	OFF	OFF	550ms±5%	8	Pulse Mode

SW					
ON	4	5	6	7	
1	ON	ON	ON	ON	1 Level (Andamiro)
2	OFF	ON	ON	ON	2 Level (Anyland)
3	ON	OFF	ON	ON	3 Level (Daum)
4	OFF	OFF	ON	ON	4 Level (Happymoney)
5	ON	ON	OFF	ON	5 Level (Interpark)
6	OFF	ON	OFF	ON	6 Level (Star)
7	ON	OFF	OFF	ON	7 Level (Cult)
8	OFF	OFF	OFF	ON	8 Level (Scir)
9	ON	ON	ON	OFF	9 Level
10	OFF	ON	ON	OFF	10 Level
11	ON	OFF	ON	OFF	11 Level
12	OFF	OFF	ON	OFF	Spare Level
13	ON	ON	OFF	OFF	Spare Level
14	OFF	ON	OFF	OFF	Test Mode(300M)
15	ON	OFF	OFF	OFF	Calibration Mode
16	OFF	OFF	OFF	OFF	Rally Prearrange Note Data

SW8	Note Study Mode Setting
ON	Dispense Mode
OFF	Study Mode

<★> Factory Setting

The first three switches choose the interface with the pulse timing that you want to use.

For Ticket Jolly you must use the "Hopper Mode 4" (dipswitch 1 and 2 in OFF and 3 in ON). After changing the dipswitches it is absolutely necessary to connect the Dispenser in OFF and then again connect to power. So the ND recognizes the different setting and works then in the chosen mode.

The switches 4-7 are for adjusting the level you want to choose. The Note Dispenser is able to dispense up to 13 different notes, bills or tickets and these were ordered each to a single level. So you get best results and highest security.

The standard Dispenser are programmed with first 6 levels:

- 1) Ticket Yellow
- 2) Ticket Blue
- 3) 5€uro
- 4) 10€uro
- 5) 20€uro
- 6) 50€uro

For adjusting another level it is better to use the level 7 to 13.

The switch number 8 is for the learning mode. In this mode you can teach to the Note dispenser the ticket or bill that will be dispensed.

How to learn the ND300KM!

I will show the procedure step by step:

1. Take care of the interface and pulse timing and choose the right dipswitch setting 1-3.
2. Then take a look on the thickness of the paper you want to dispense. If this one is similar to the Euro-note you don't have to change anything (the ND is prepared for Euro). If it has not the same thickness you have to calibrate the note dispenser.
 - 2.1. For calibrating the ND you have to choose the calibration mode with the dipswitch Setting (dipswitch 5, 6 and 7 in OFF). Then insert the paper you want to dispense and give the dispense signal.

You have to rotate the adjust wheel of the ND until the ND gives out one single paper.
The led will show you:

 - 2.1.1.Led RED the motor works too fast
 - 2.1.2.Led Orange the motor works too slow
 - 2.1.3.Led Green the thickness is OK
 - 2.2. If every time the dispenser gets out only a single paper the calibration is complete.
3. Now you have to choose the level where you want to teach the new paper to. If you want to learn your paper on level 7 the switches number 4-7 to "ON", 5 and 6 to "OFF".
4. Then put switch 8 to "OFF" to stop the study-mode. **After every dipswitch changing don't forget to restart the Note Dispenser.**

If you want to dispense the paper in all four directions and the directions are all different you need to dispense the paper in the study mode in this four directions to get the parameter of every side. (Each direction 20 times dispensing!)

When you have finished dispensing the paper put dip switch number 8 to "ON" again and restart the note dispenser. Now you taught the ND on Level 1 your personal paper.