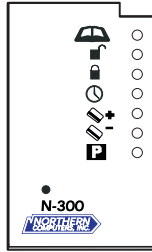


## 1. Main operations

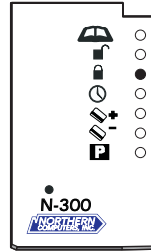
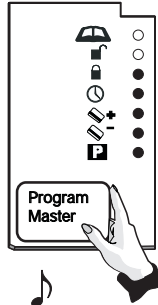
The N-300 is shipped in Sleep mode. When powering up the N-300 Reader for the first time, one selected tag must be presented as the Program Master.

### Wake-up

1. Power on (click)    2. New Program Master    3. Access mode



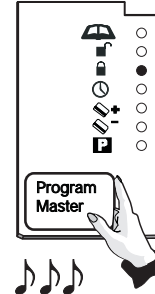
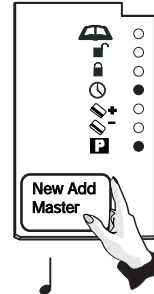
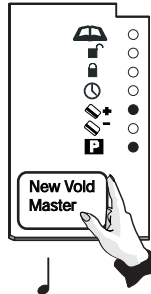
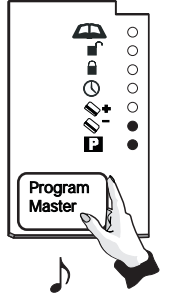
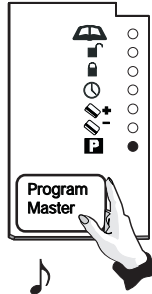
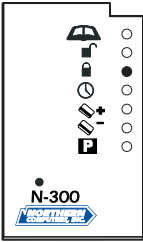
Outputs: Inactive  
Inputs: Inactive



	Read
	Open
	Closed
	Nightlock
	Add
	Void
	Program

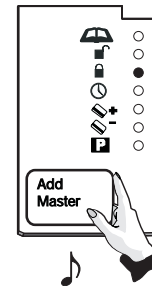
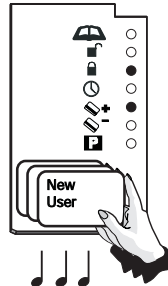
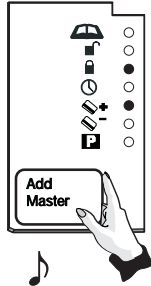
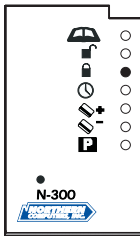
### Add the Void and Add Master

1.    2. Program Master, enter Program mode    3. Program Master again, enter Void mode    4. Add new Void Master, enter Add mode    5. Add new Add Master    6. Program Master 3x (skip steps), resume normal operation



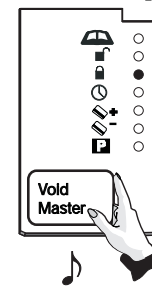
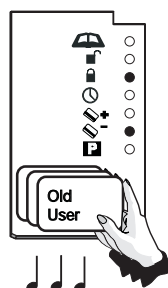
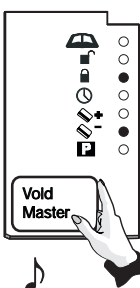
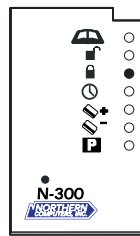
### Add new User tags

1.    2. Enter Add mode    3. Add new user tags (present each new tag)    4. Add mode off, resume normal operation



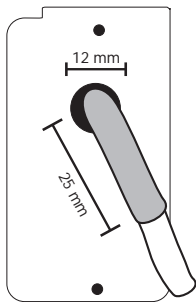
### Void tags

1.    2. Enter Void mode    3. Void old User tags (present each tag)    4. Void mode off, resume normal operation



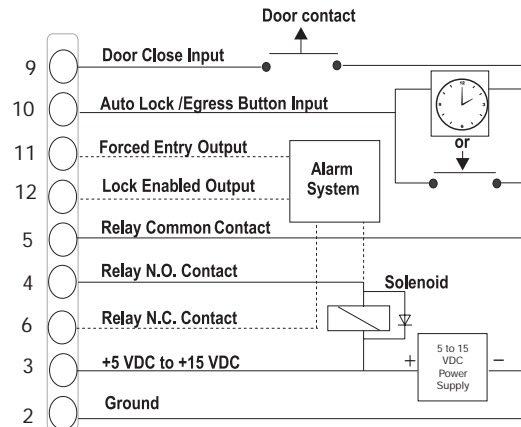
## 2. Connections

N-300 (Back)



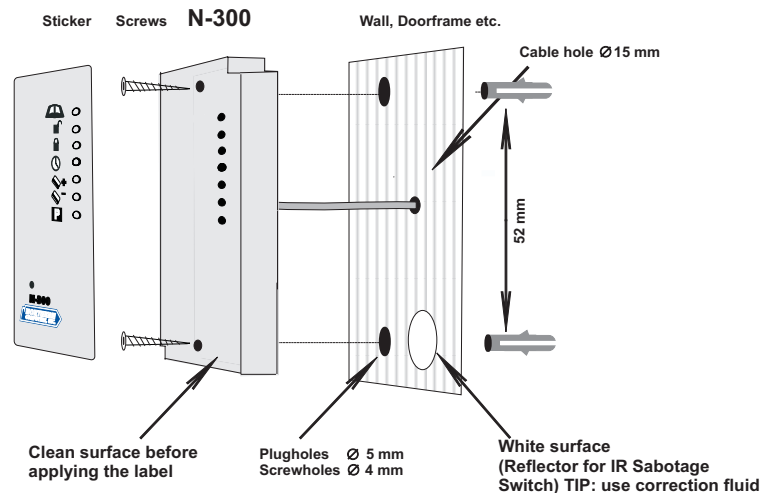
Fixed and sealed cable

Pin	Color	Stand alone	Magstripe (ABA)
1	Brown	Reserved	
2	Black	Ground	
3	Red	+5 VDC to +15 VDC	
4	Purple	Relay NO	
5	Blue	Relay Common	
6	Pink	Relay NC	
7	White	Reserved	
7	White/Green	Reserved	
8	Yellow	Reserved	
8	Brown/Green	Reserved	
9	Grey	IO-1 Door-Contact Input	\RDP output
10	Green	IO-2 Ext. Nightlock/Rex input	\RCP output
11	Grey/Pink	IO-3 Forced Entry Output	\CLS output
12	Red/Blue	IO-4 Nightlock Enabled Output	\Access input



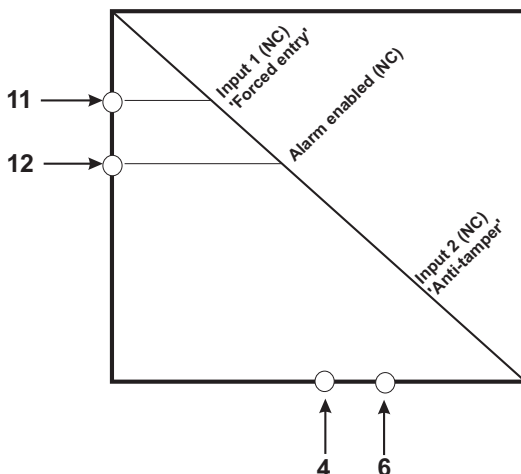
Do not bend the cable within 1 inch of the N-300

## 3. Mounting



## 4. Linkup to an alarm system

Internal connections alarm system



In order to linkup to an alarm system there are several options available:

### Forced entry alarm:

- Connect the forced entry output (Pin 11) to an NC alarm input.
- Will become low when the door was forced.

### Tamper alarm:

- Connect the relay NO and Relay NC (Pin 4 and 6) contact to an alarm input as shown.
- Will become low, when access is attempted in bypassing the relay.

### Enabling the alarm:

- Connect to Lock enabled output (Pin 12) to the alarm enable input when available.
- Turn on and off the alarm system simultaneously with the 'lock' status of the N-300