5.3.3 User Modification Manual

[Card Reader Modification Explanation (1)]

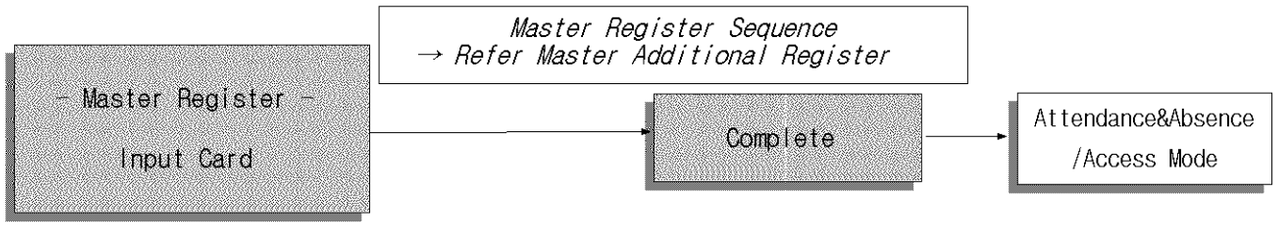
** Move to Previous Menu when Time Delay & Operation Error*

** Esc : Previous Menu*

1) Mater Register(Master Card/Fingerprint)

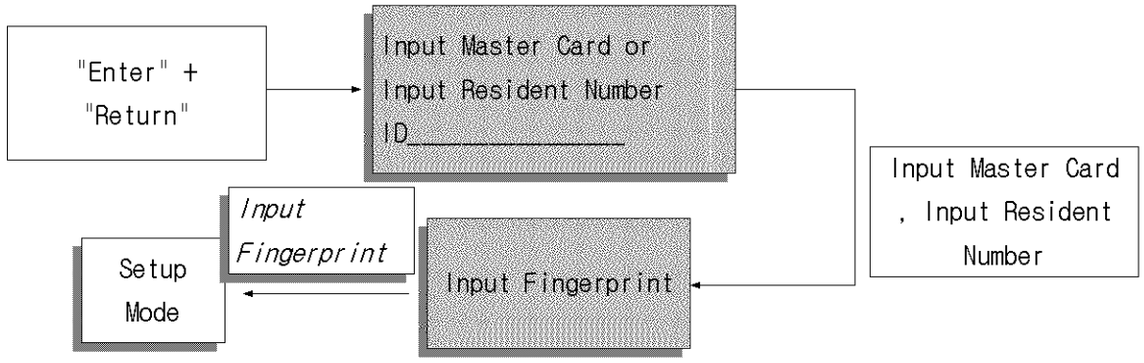
:Start Master Register after Machine Delivery, Initialize Setup Modification, Master All Deletion.

• Master Card Register



2) Entering Setup Mode

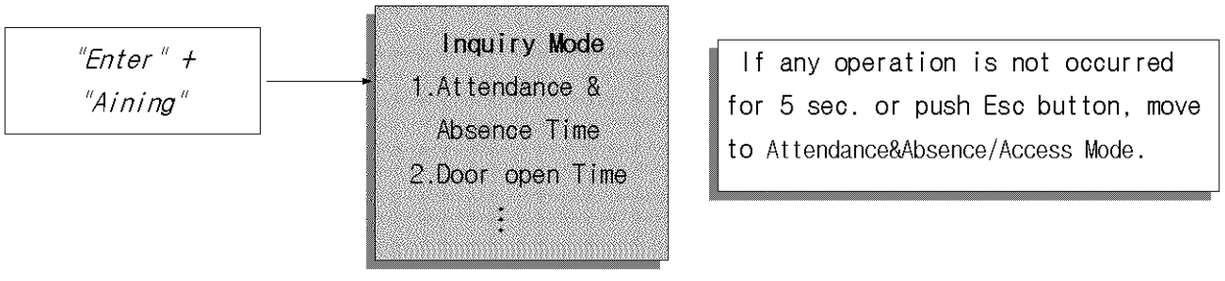
-. **Setup Mode** : Push **"Enter" + "Return"** button at Attendance&Absence/Access Mode 누른다.



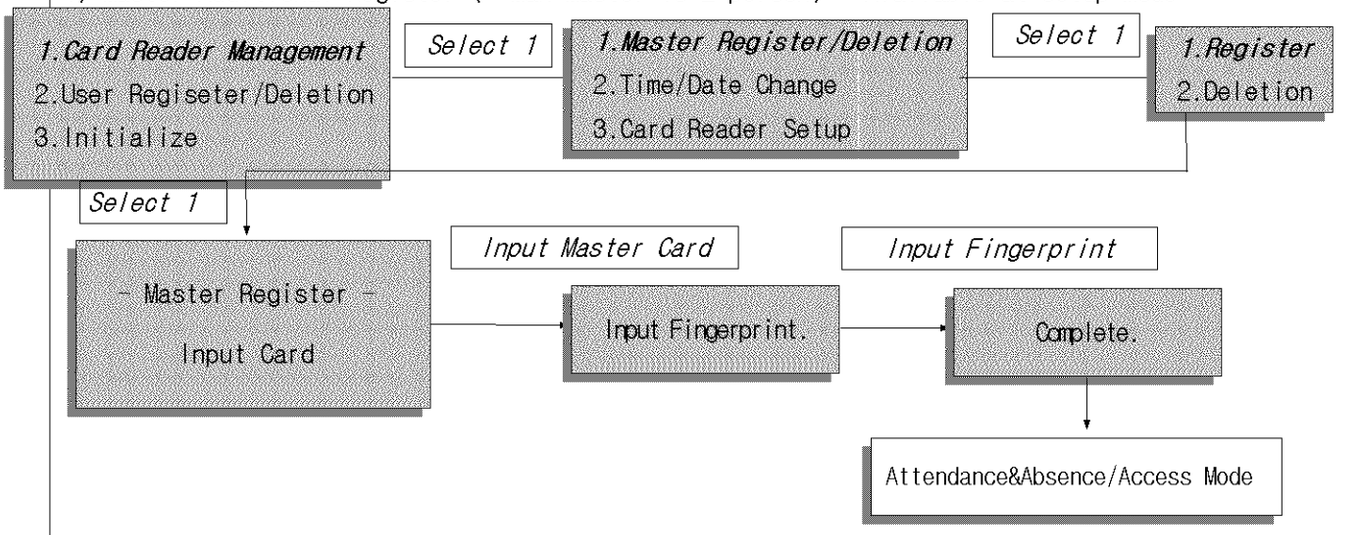
※ Can setup card reader, delete event data, register user card and etc. at setup mode. For entering setup mode, use registered master card.

3) Entering Inquiry Mode

-. **Inquiry Mode** : Push **"Enter" + "Airing"** button at **Attendance&Absence/Access Mode**

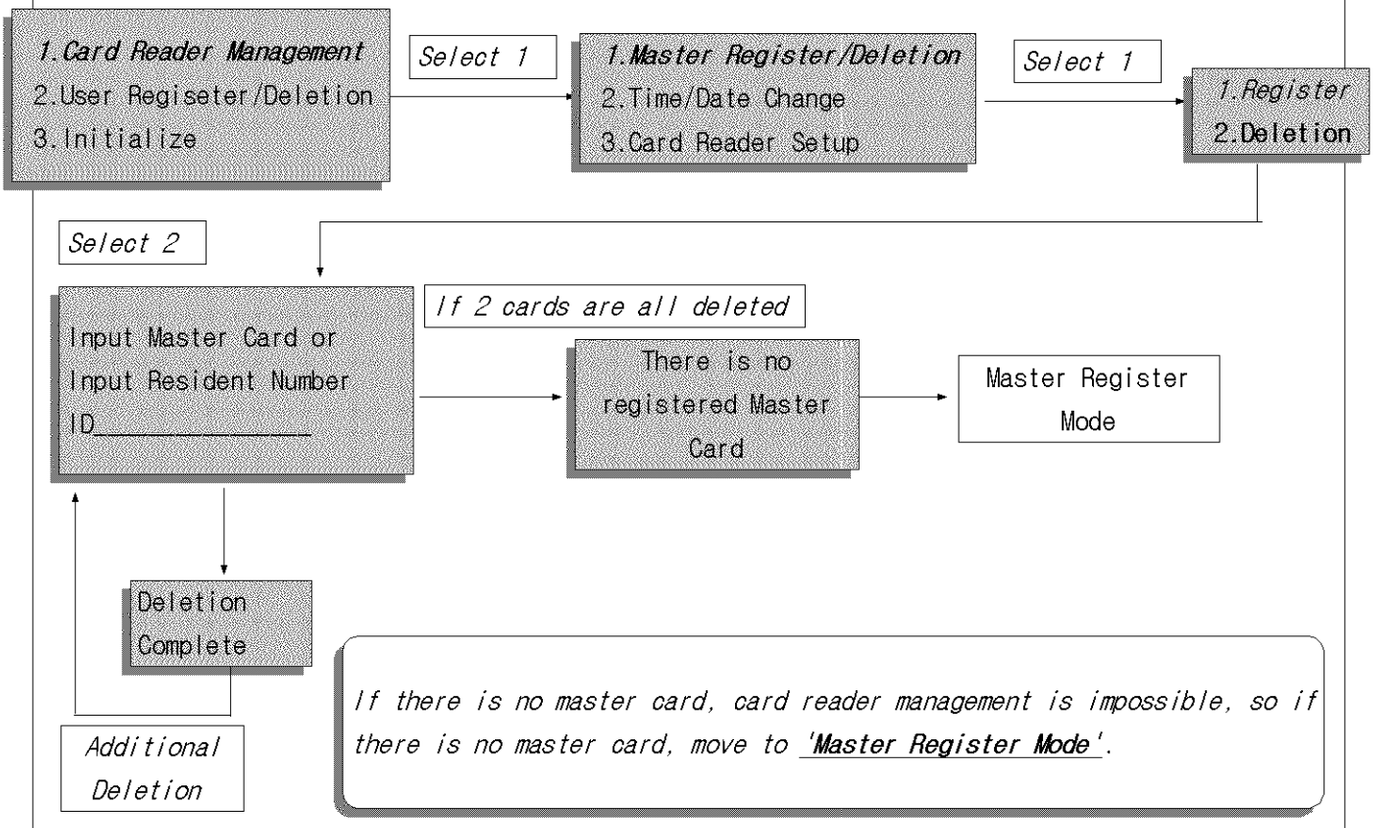


4) Master Additional Register (* Max Master is 2 person) : Available at Setup mode

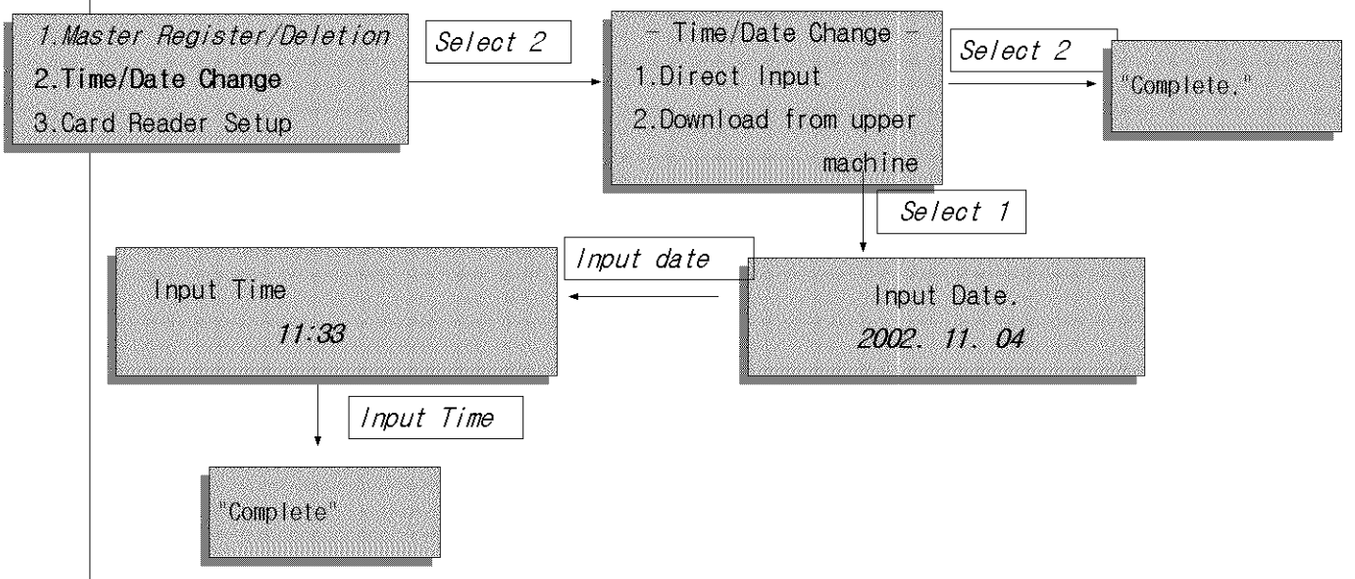


* Master Card can be registered 1 card at initial delivery, and can continuing register maximum 2 cards.
* For fingerprint stored card, omit inputting fingerprint procedure.

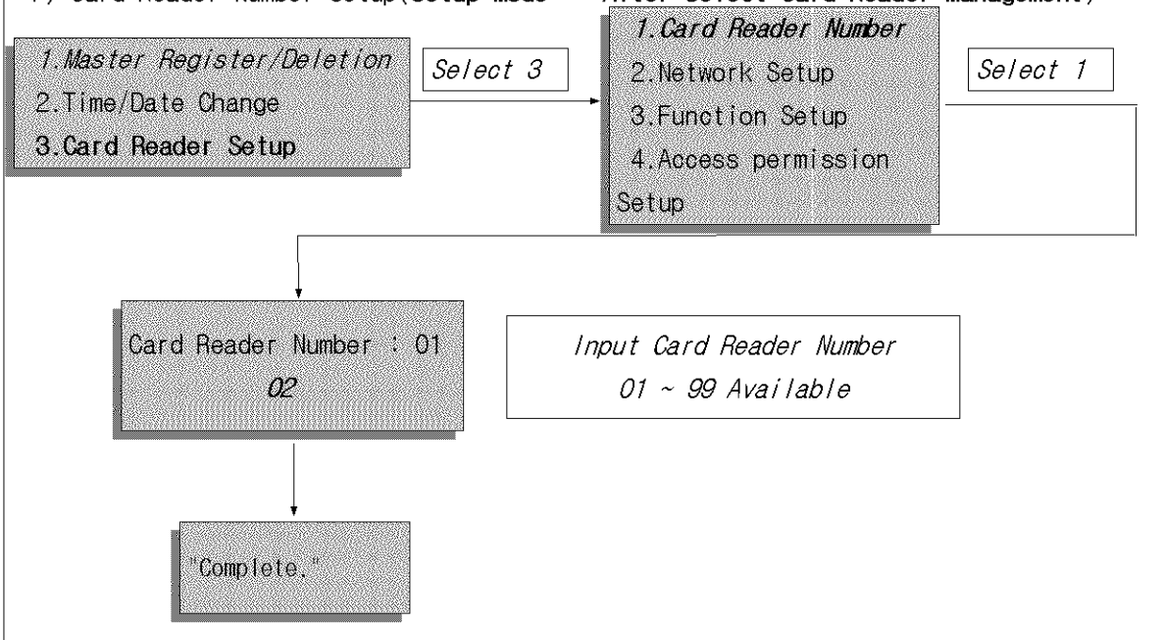
5) Master Card Deletion



6) Time/Date Setup(**Setup Mode → After select Card Reader Management**)

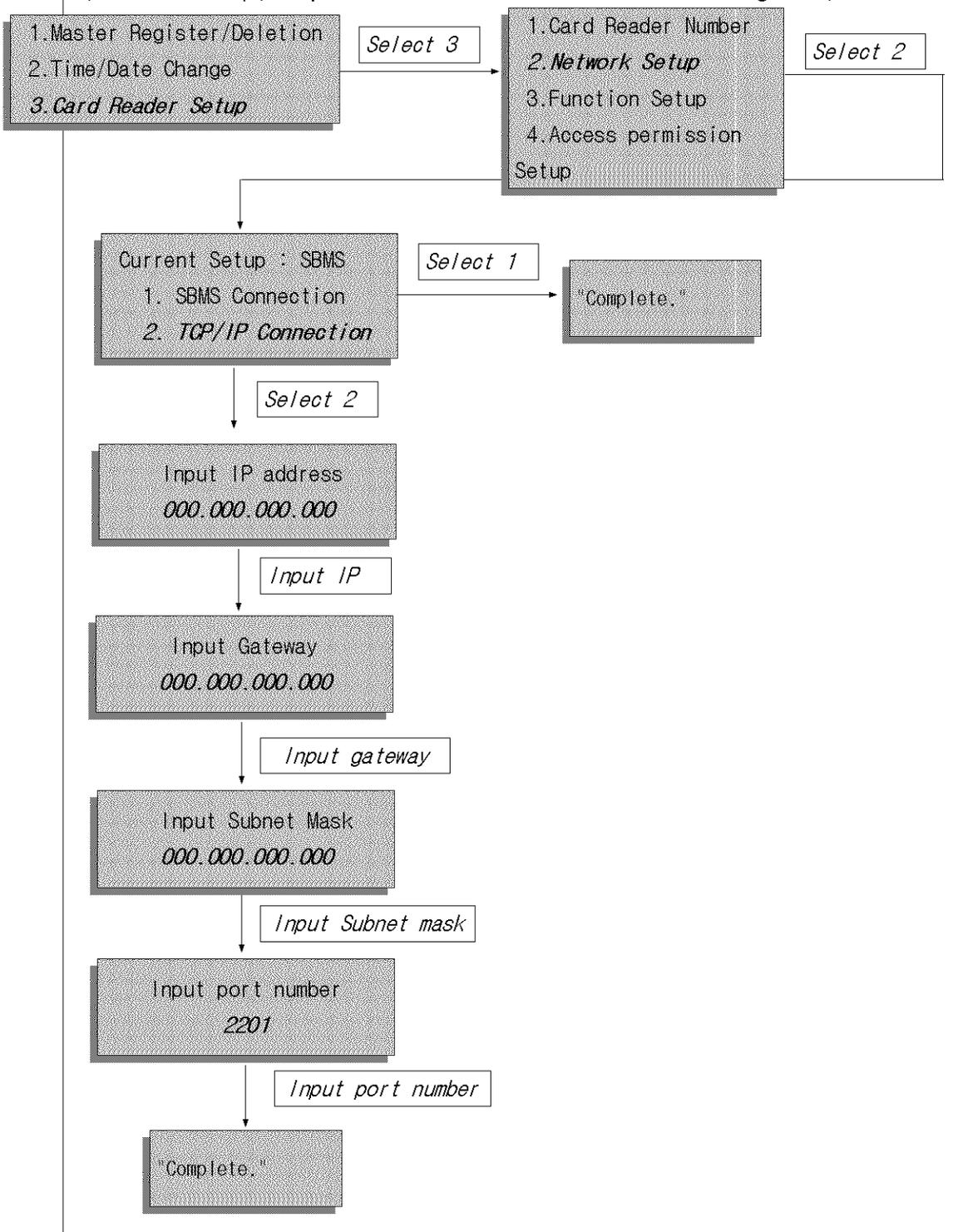


7) Card Reader Number Setup(**Setup Mode → After select Card Reader Management**)

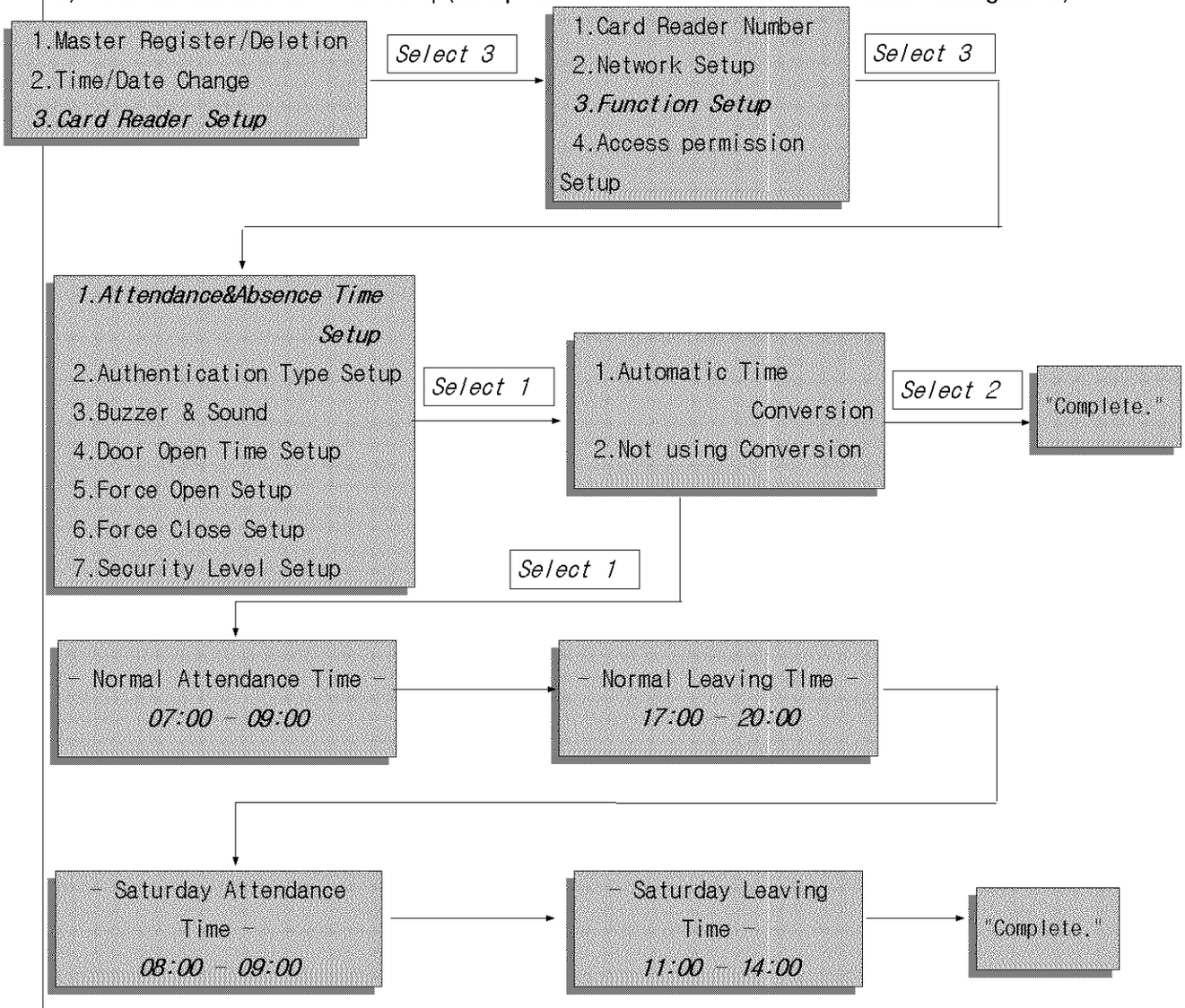


- Card Reader Number : 01 ~ 99
- One digit number is followed by "0". Card Reader Number 01 is for initial delivery

8) Network Setup(**Setup Mode → After select Card Reader Management**)

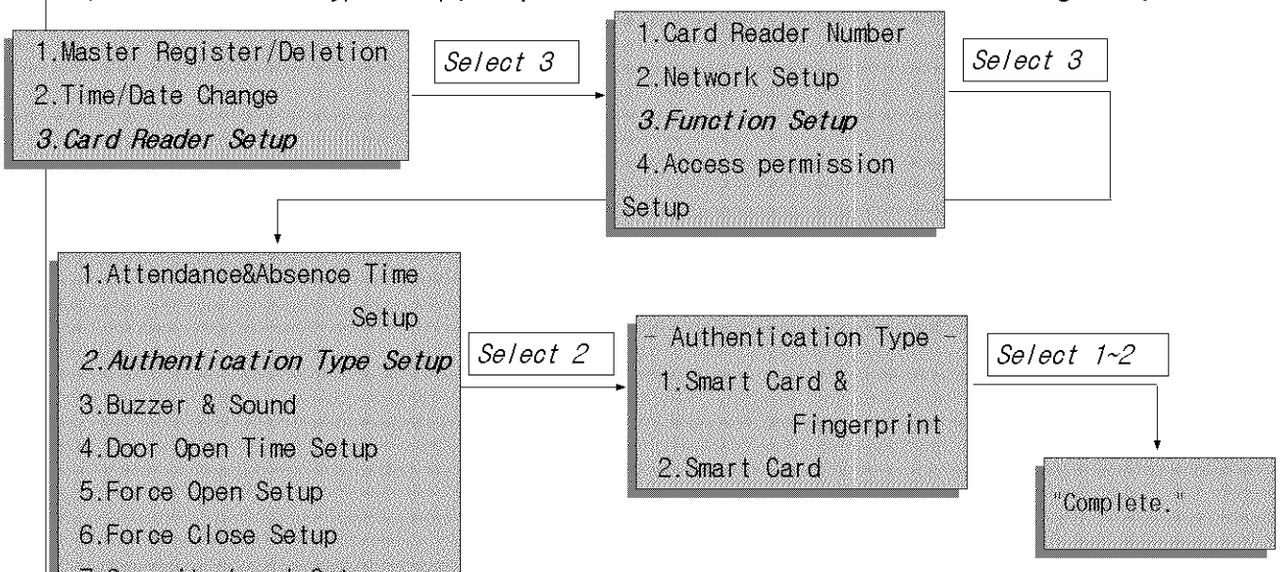


9) Attendance&Absence Time Setup(**Setup Mode → After select Card Reader Management**)

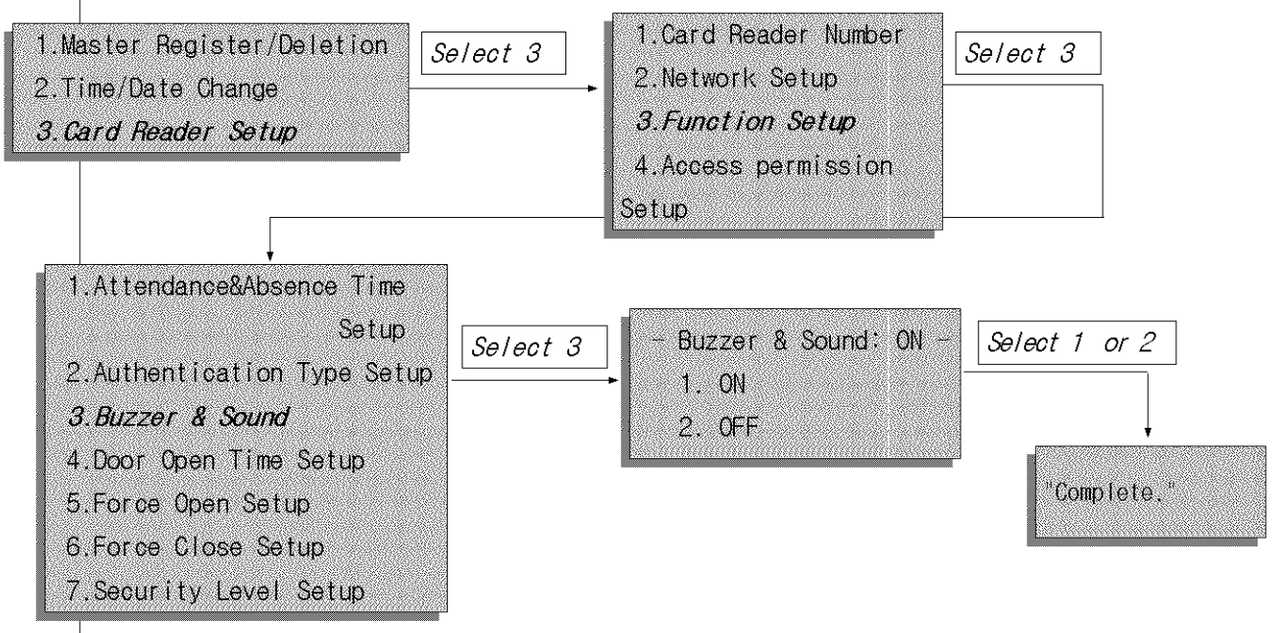


- Card Reader Operation mode setup is operated immediately when setup, and fixed "Airing" except assigned conversion time.
- Immediate change to relevant operation mode when change date/time after setup conversion time.
- Default value at initial delivery
  Week Days : Attendance 07:00 ~ 10:00 Leaving 17:00 ~ 20:00
  Saturday : Attendance 07:00 ~ 10:00 Leaving 11:00 ~ 14:00
- Attendance, Leaving mode is not changed automatically and setup by pushing function key(Attendance&Absence Button) when automatic conversion is not using.
  If modify Attendance&Absence button when using automatic conversion, button modification has priority.

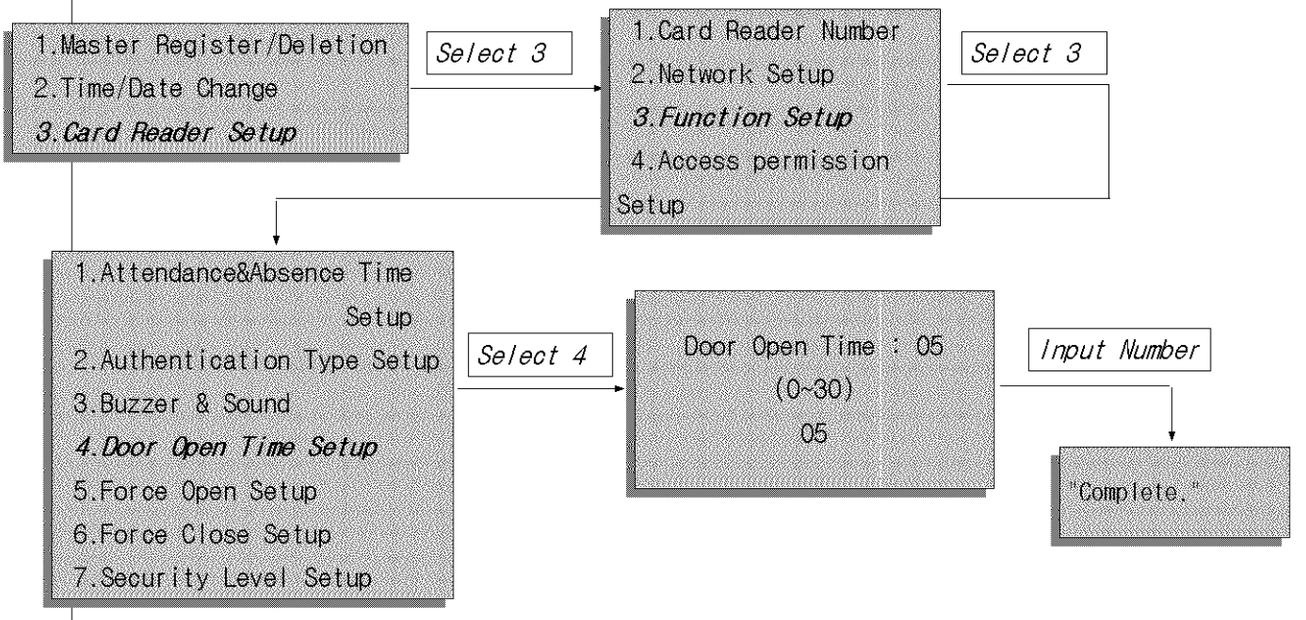
10) Authentication Type Setup(**Setup Mode → After select Card Reader Management**)



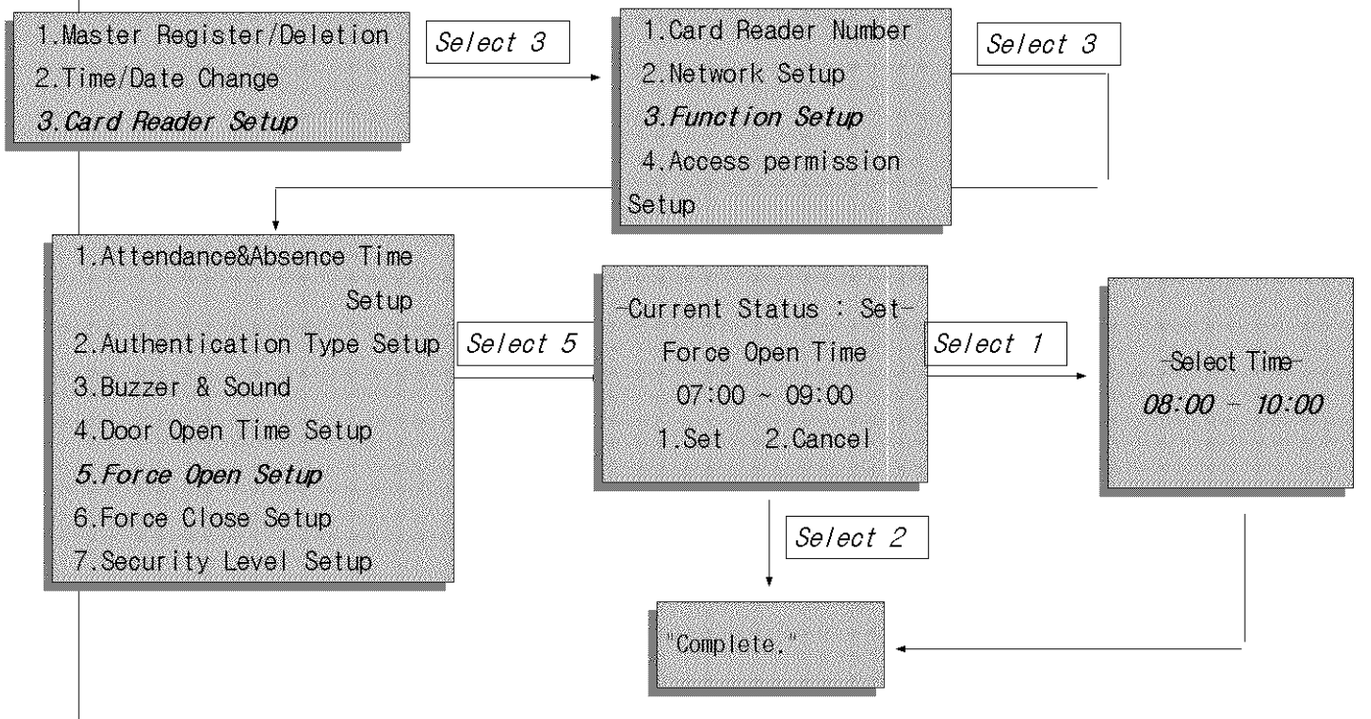
11) Buzzer Setup(**Setup Mode → After select Card Reader Management**)



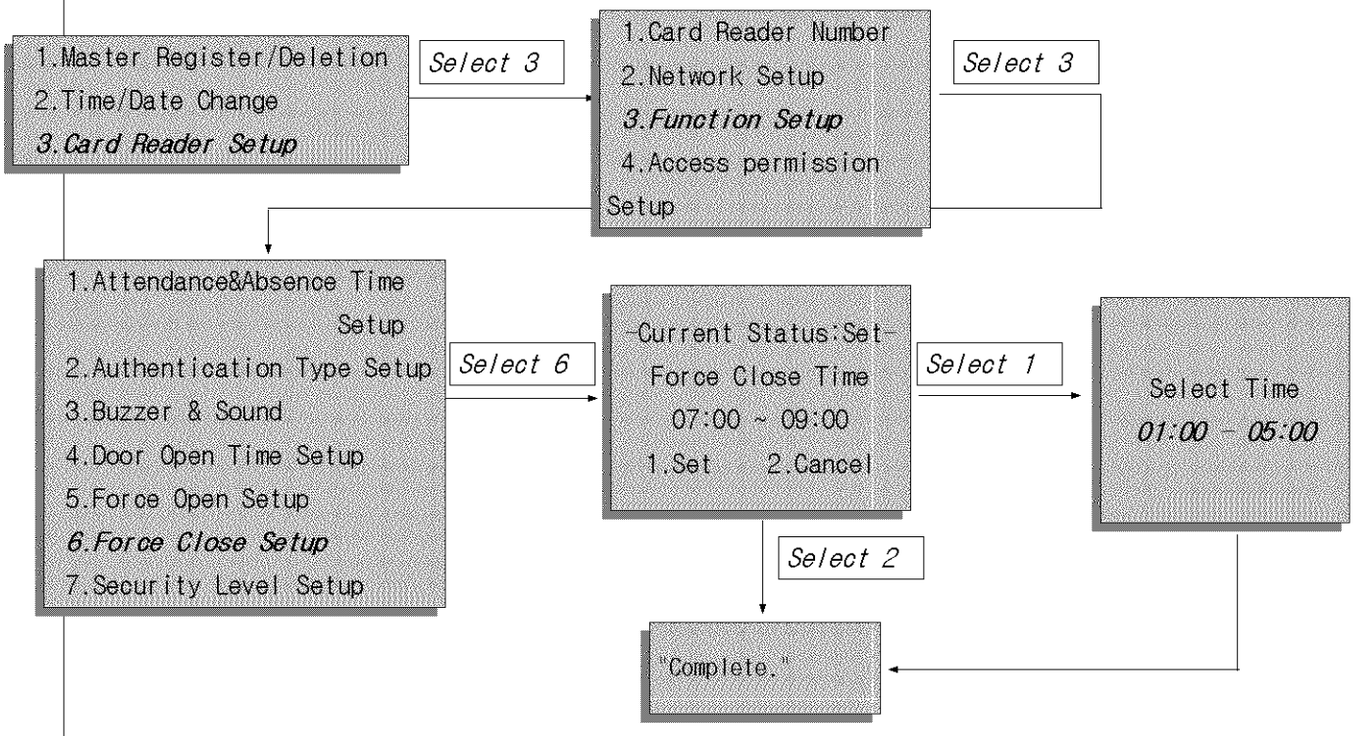
12) Door Open Time Setup(**Setup Mode → After select Card Reader Management**)



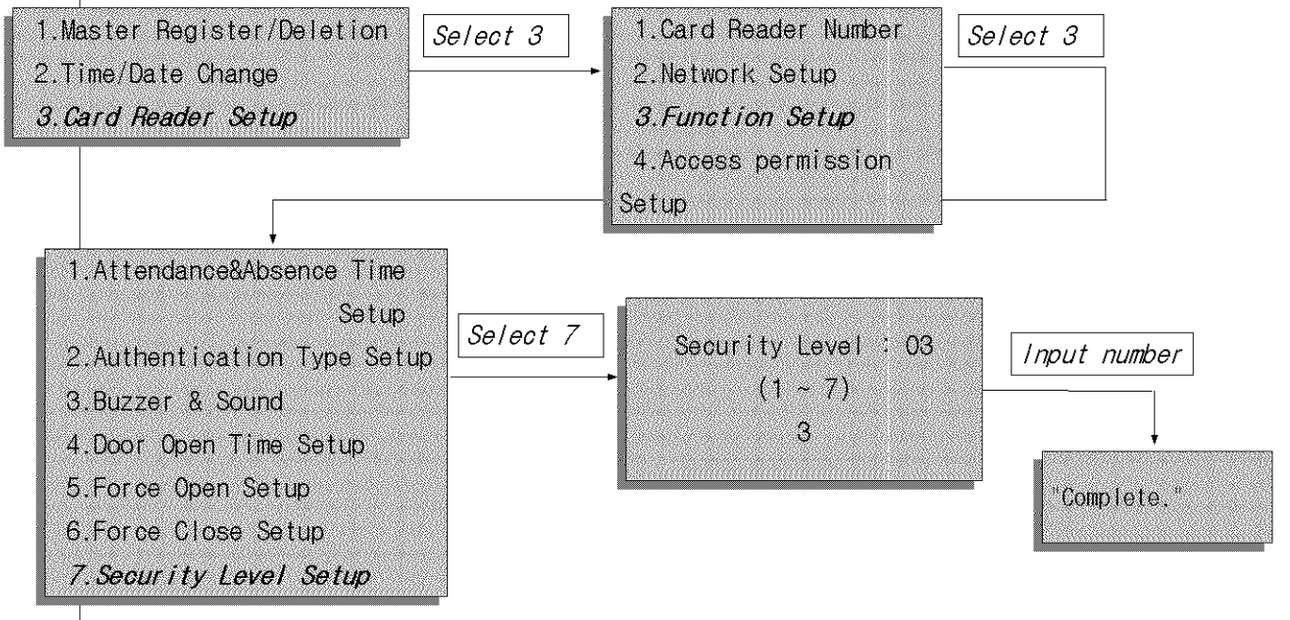
13) 강제열림설정하기 (**Setup Mode → After select Card Reader Management**)



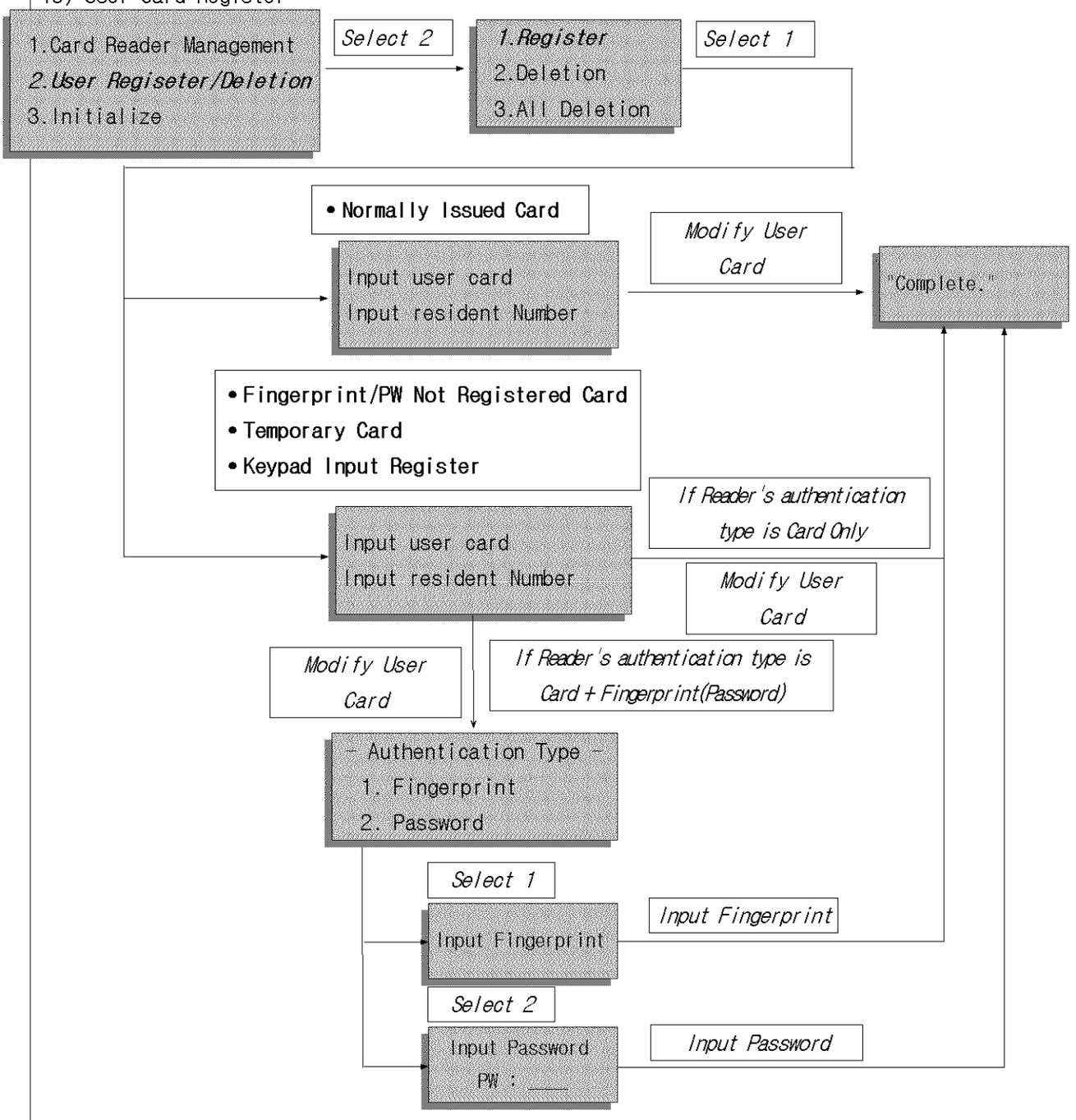
14) Force Close Setup (**Setup Mode → After select Card Reader Management**)



15) Security Level Setup(**Setup Mode → After select Card Reader Management**)



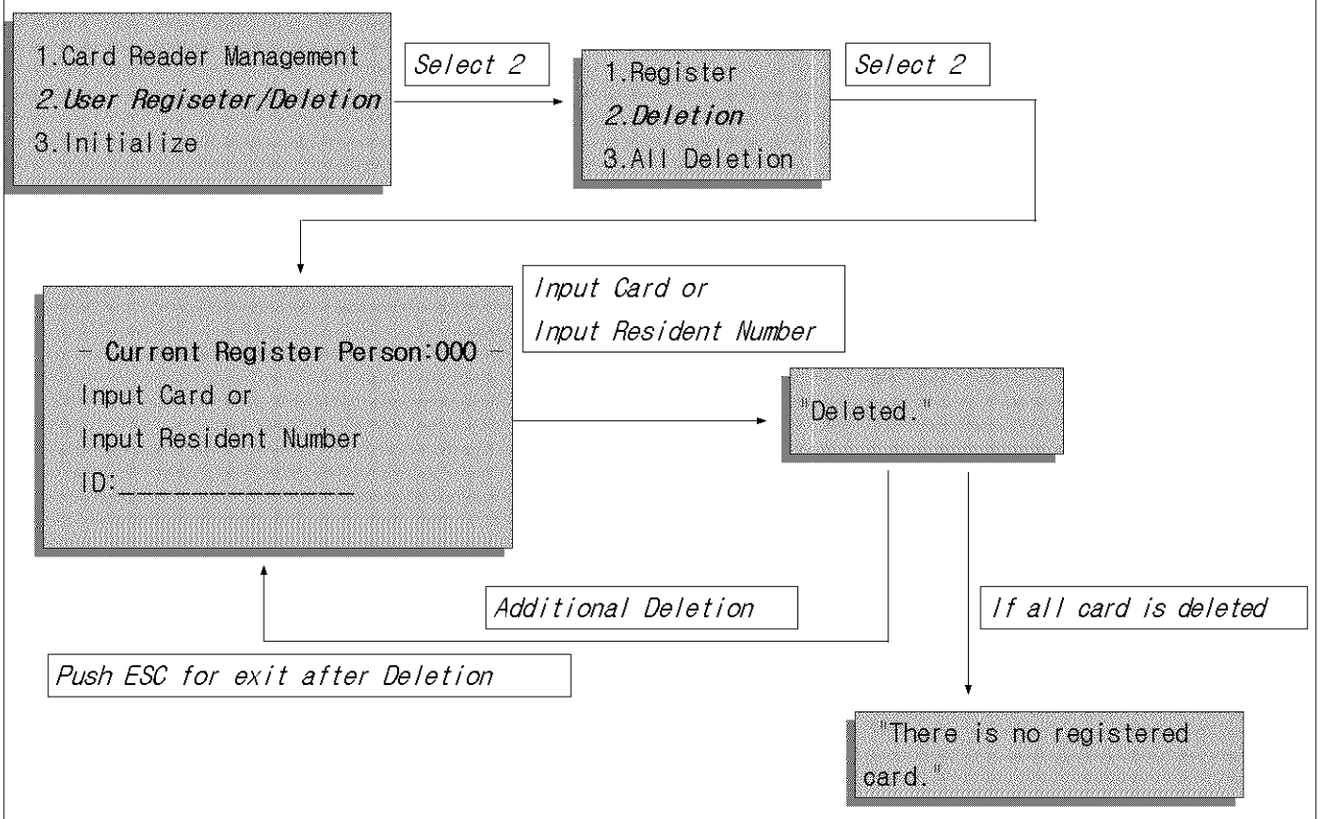
16) User Card Register



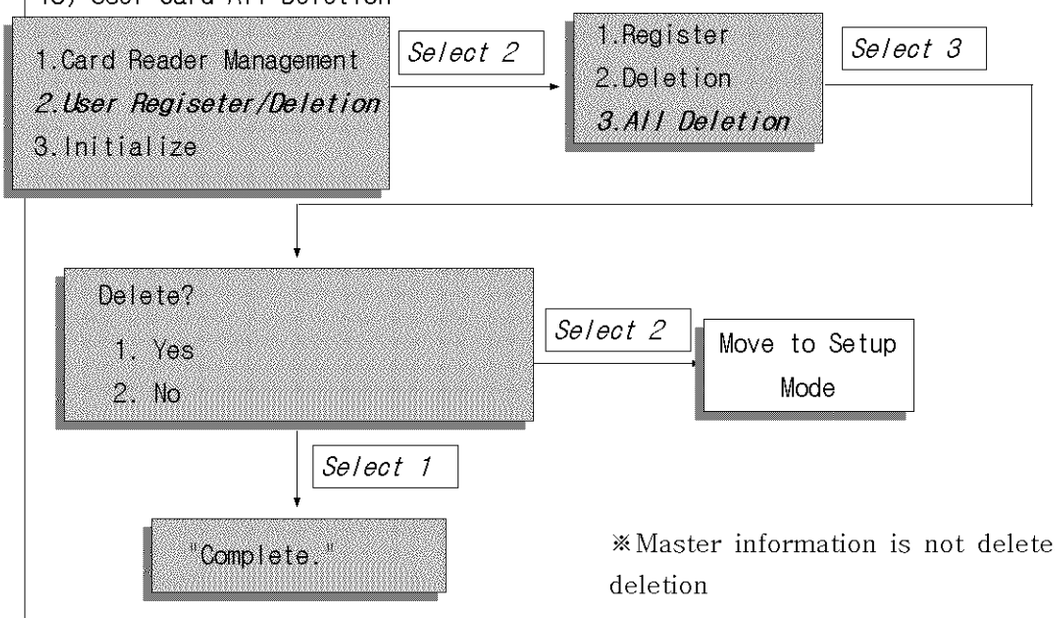
※ For normally issued card, can register by modifying card but for fingerprint/password not registered card, temporary card or keypad input register, must process fingerprint input procedure.

※ Authentication type at user register is current reader's authentication type.

17) User Card Deletion

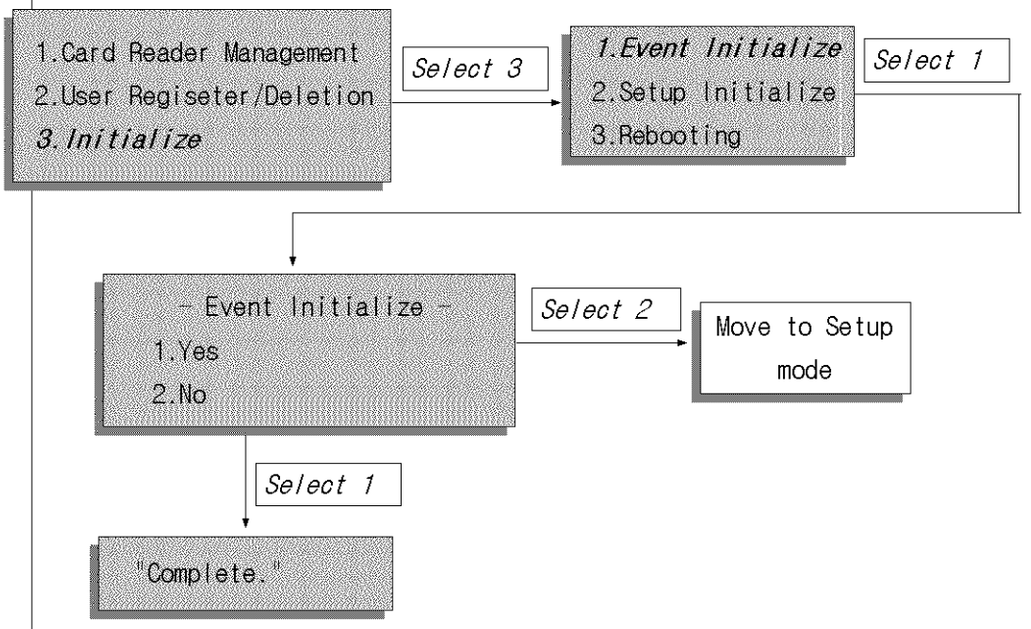


18) User Card All Deletion

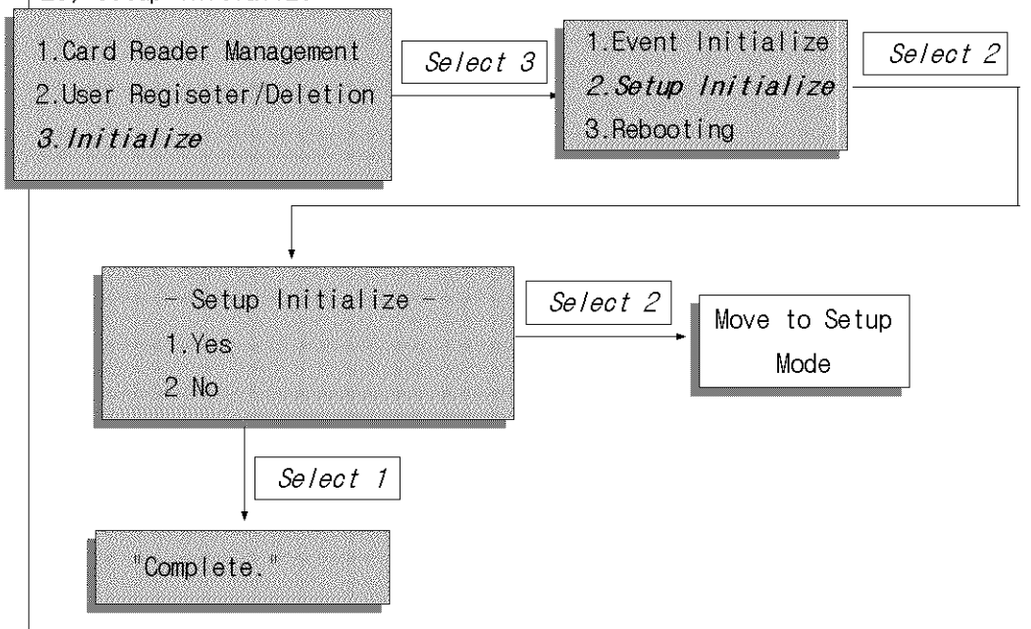


※Master information is not deleted when all deletion

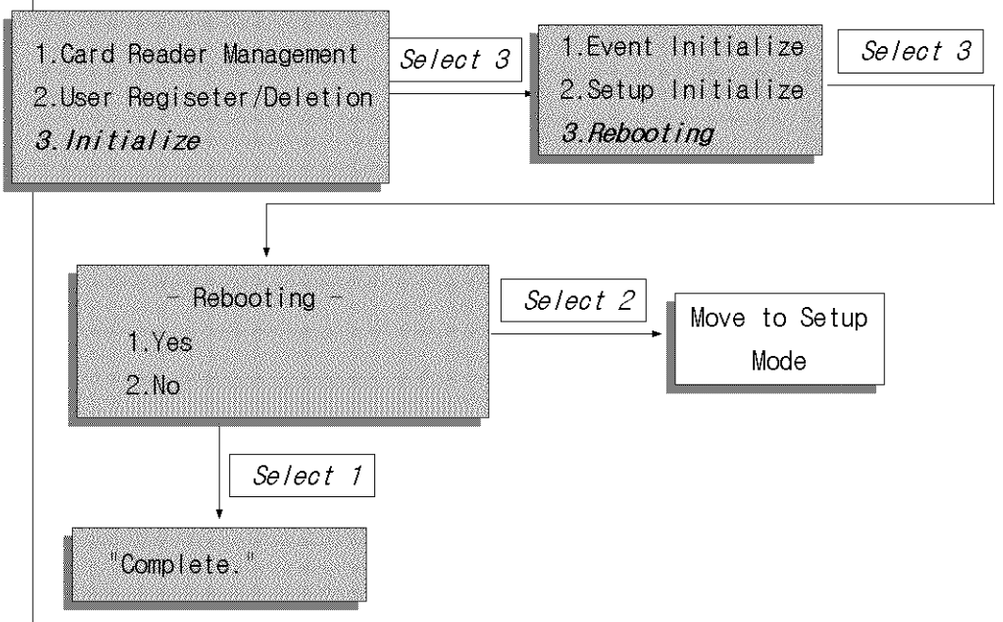
19) Event Initialize



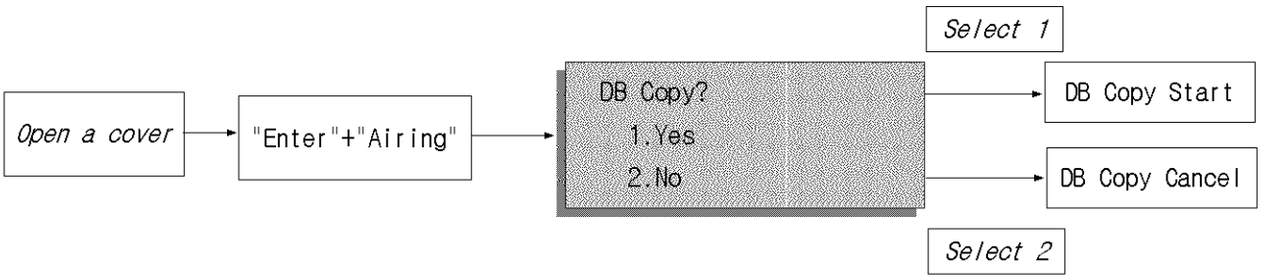
20) Setup Initialize



21) Rebooting



22) DB Copy



[Card Reader Modification Explanation (2)]

SBMS Connection

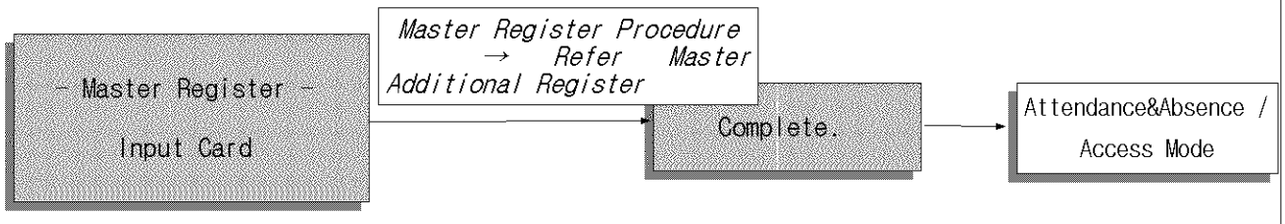
** Move to Previous Menu when Time Delay & Operation Error*

** Esc : Previous Menu*

1) Master Register(Master Card/Fingerprint)

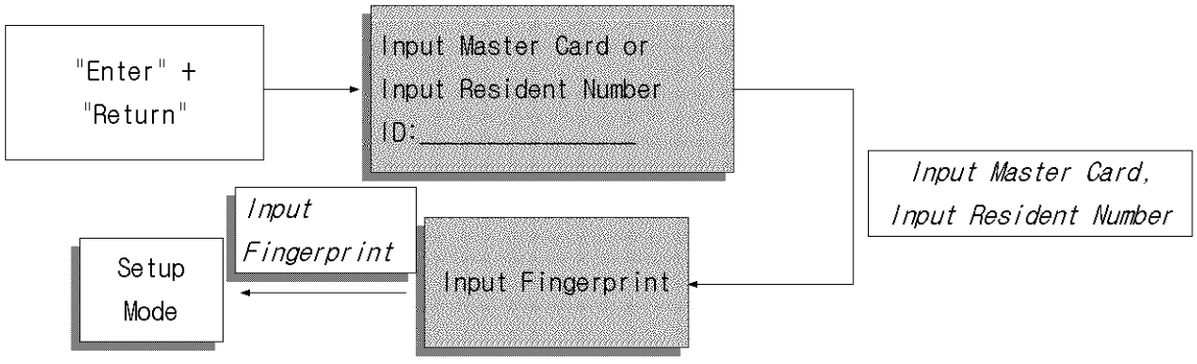
:Start Master Register after Machine Delivery, Initialize Setup Modification, Master All Deletion.

• Register by Master Card and Fingerprint



2) Enter Setup Mode

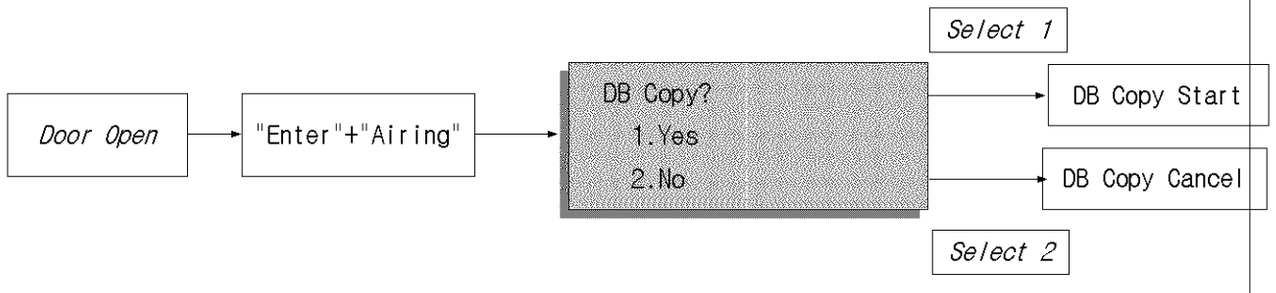
Push **"Enter" + "Return"** Button at Access Mode.



※ Can setup card reader, register user card at setup mode.
For entering setup mode, use registered master card.

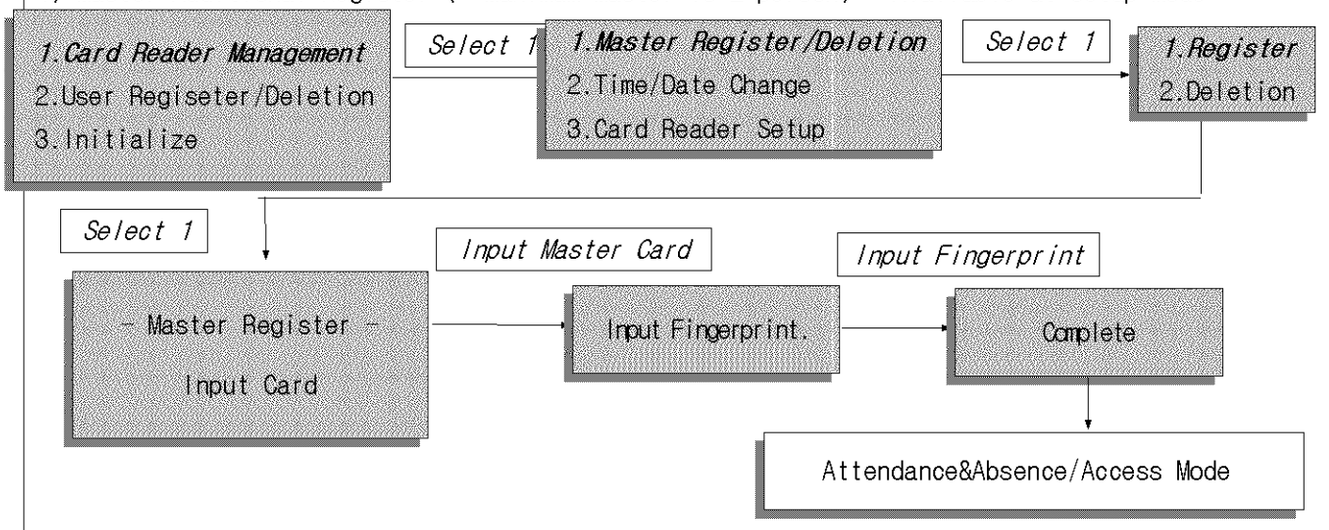
3) Terminal DB Copy

Push **"Enter" + "Airing"** Button while door open



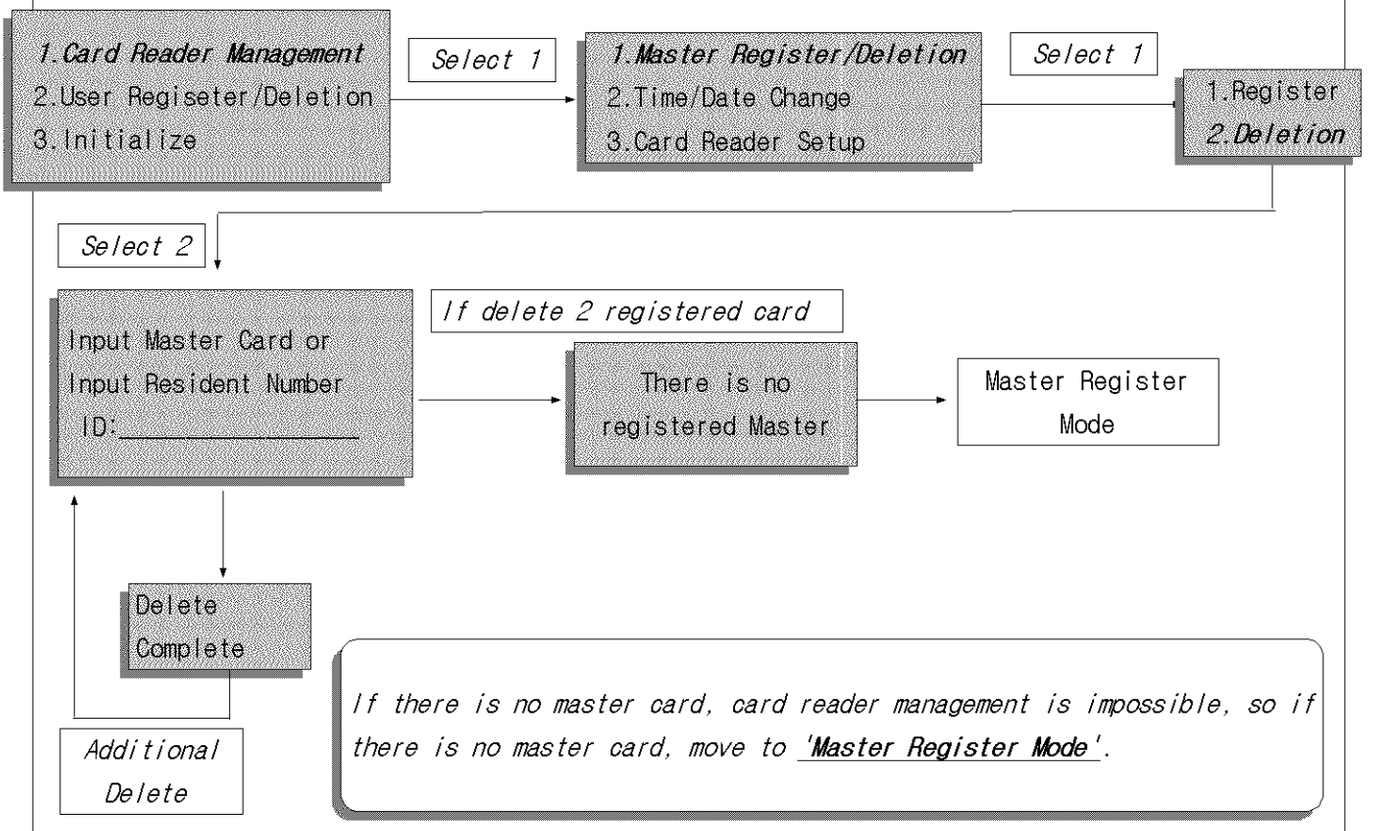
Can copy registered DB to new machine by connecting cable.

4) Master Additional Register (* Maximum Master is 2 person) : Available at Setup mode

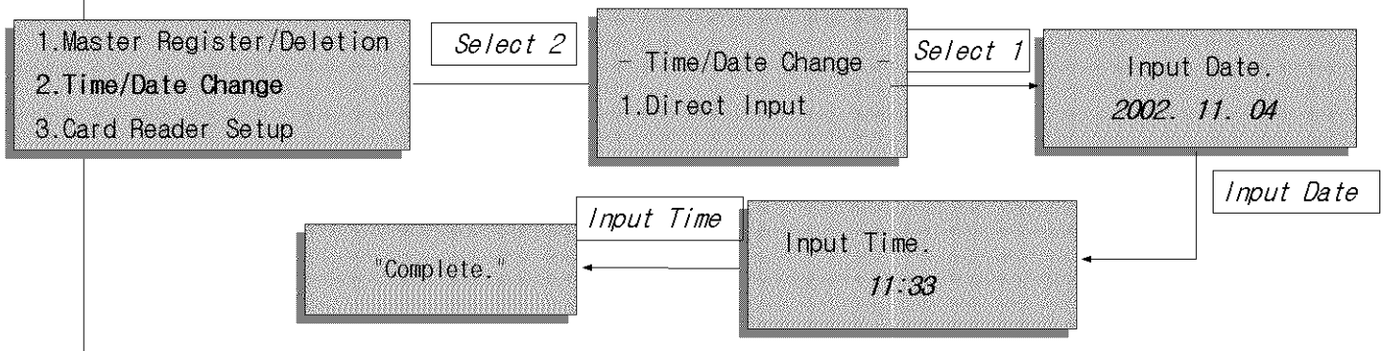


* Master Card can be registered 1 card at initial delivery, and can continuing register maximum 2 cards.
* For fingerprint stored card, omit inputting fingerprint procedure.

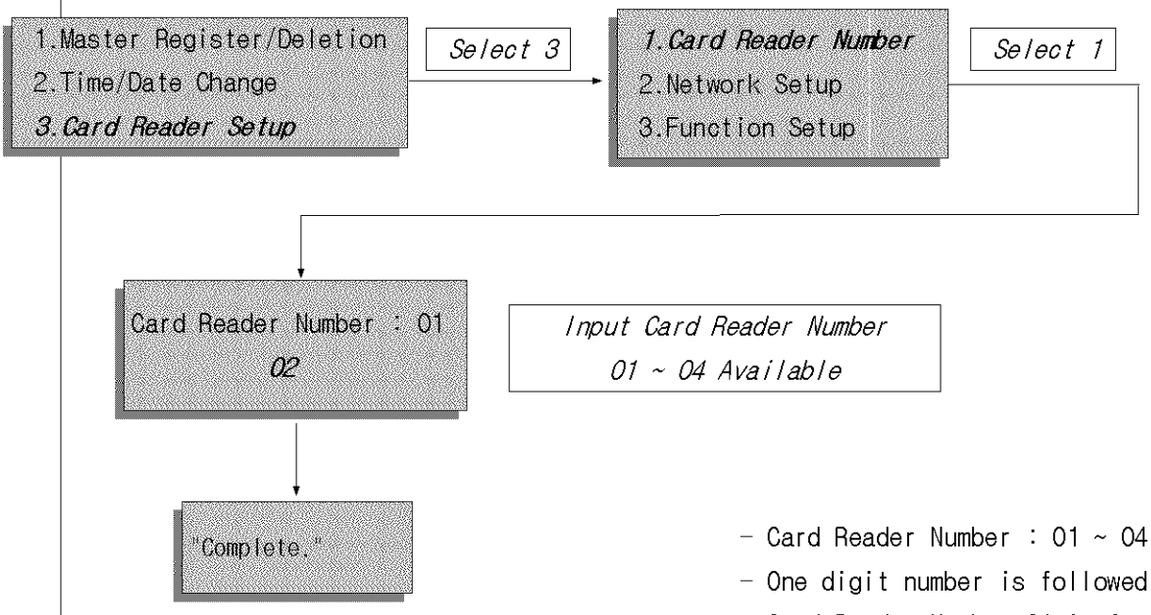
5) Master Card Deletion



6) Time/Date Setup(**Setup Mode → After select Card Reader Management**)

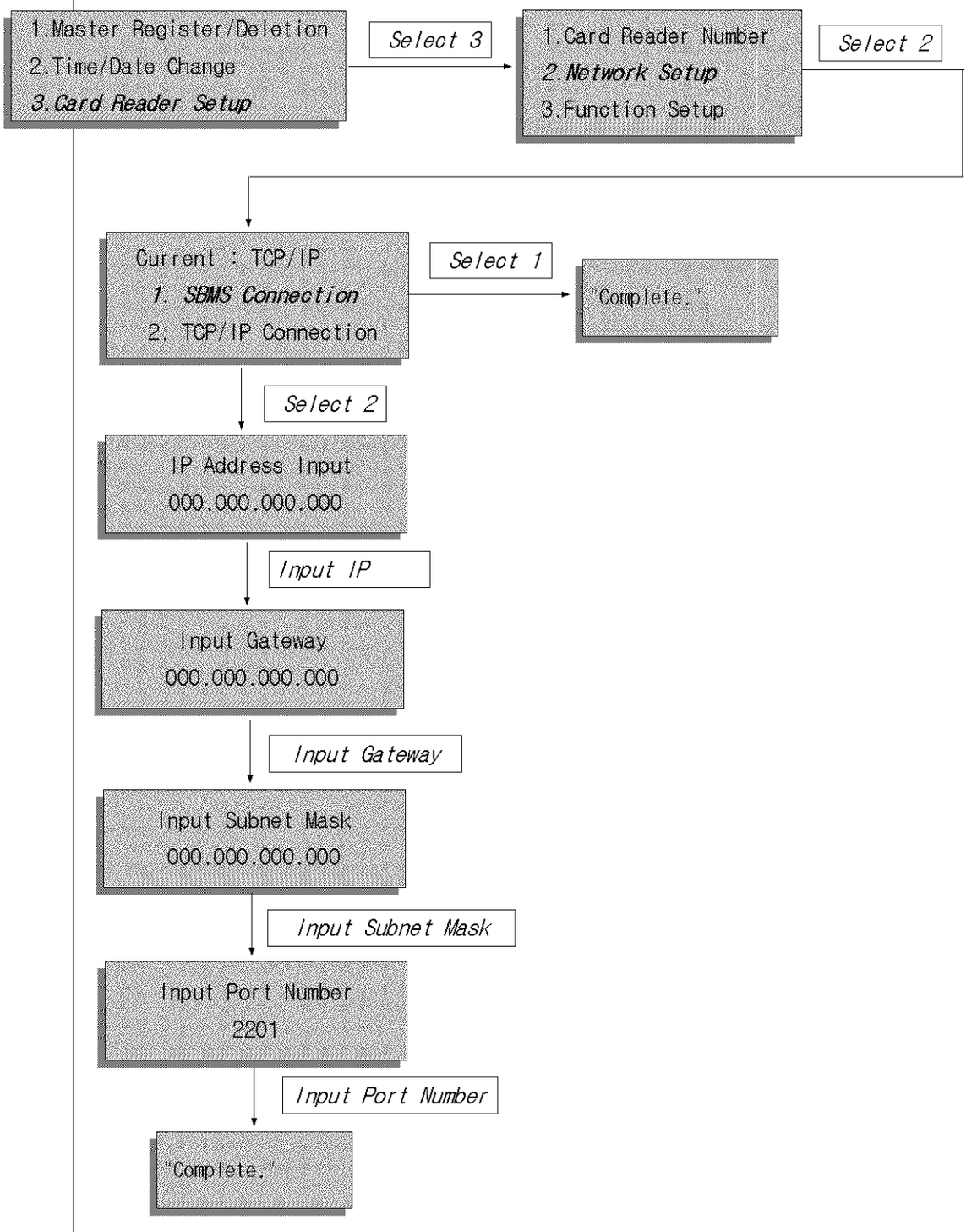


7) Card Reader Number Setup(**Setup Mode → After select Card Reader Management**)

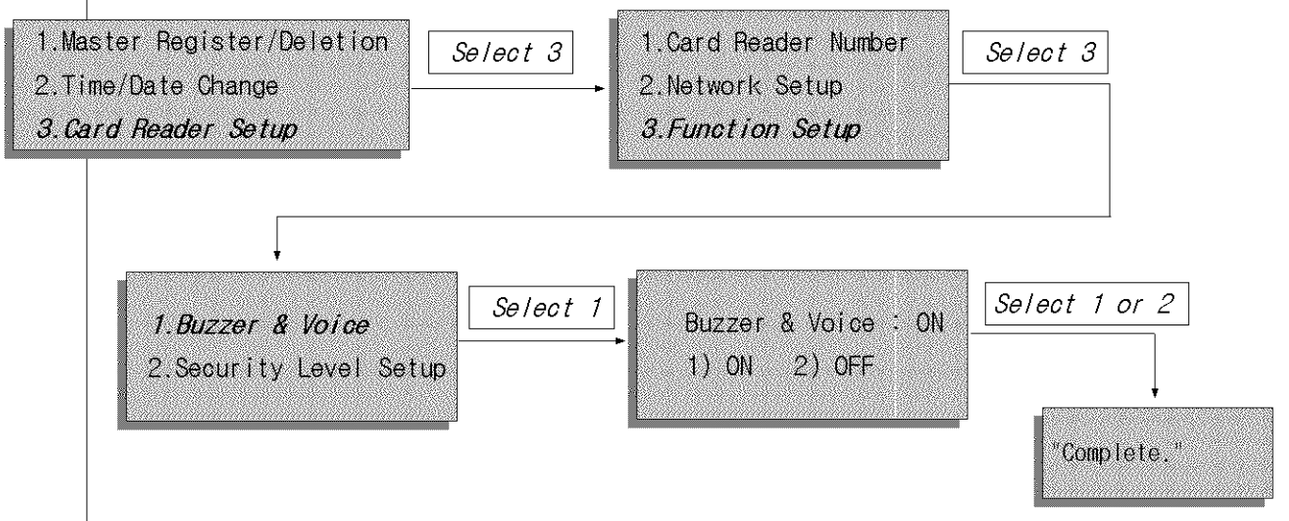


- Card Reader Number : 01 ~ 04
- One digit number is followed by "0". Card Reader Number 01 is for initial delivery.

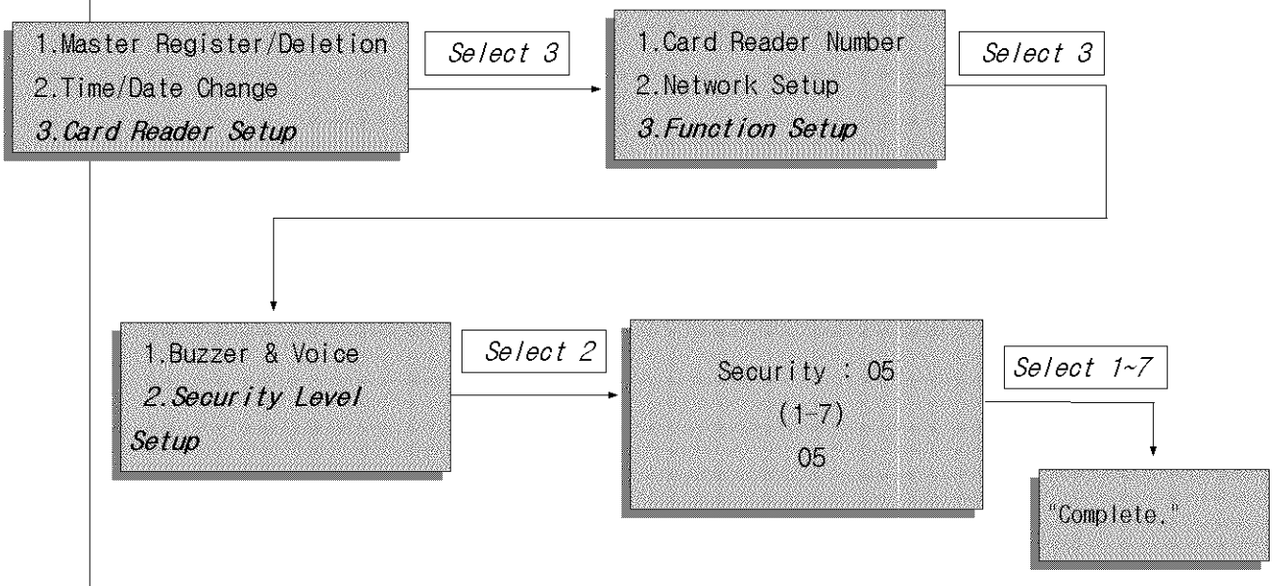
8) Network Setup(**Setup Mode → After select Card Reader Management**)



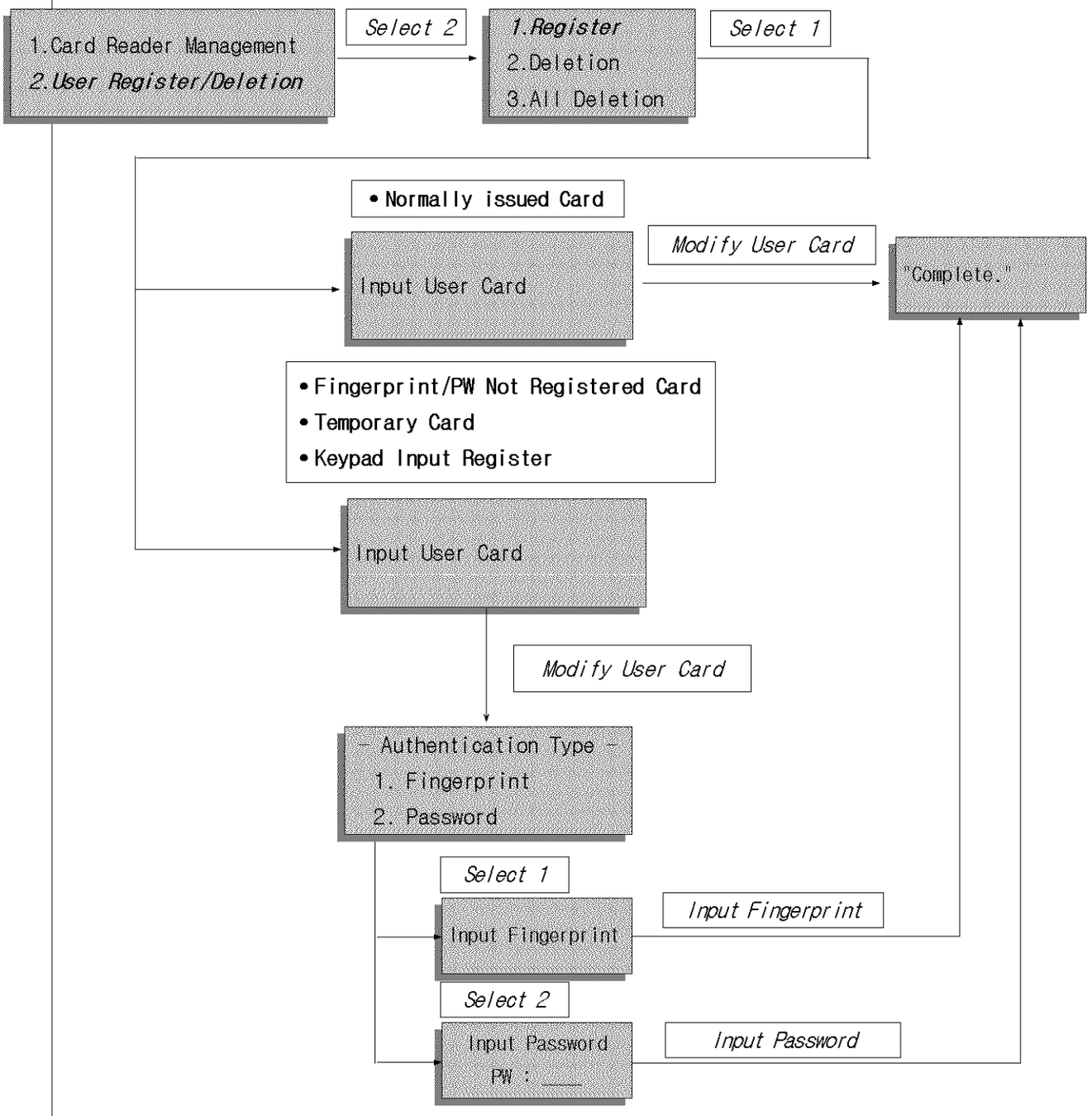
9) Buzzer & Voice Setup(**Setup Mode → After select Card Reader Management**)



10) Security Level Setup(**Setup Mode → After select Card Reader Management**)

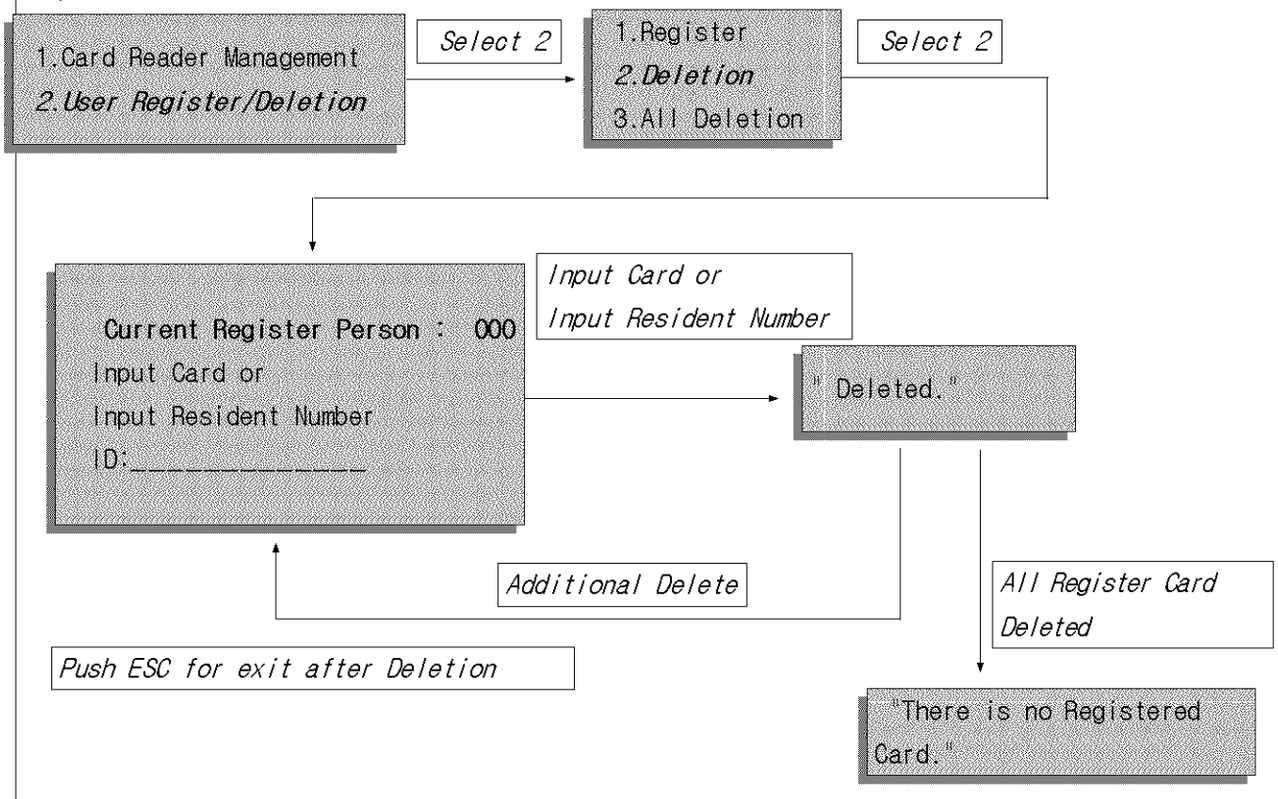


11) User Card Register

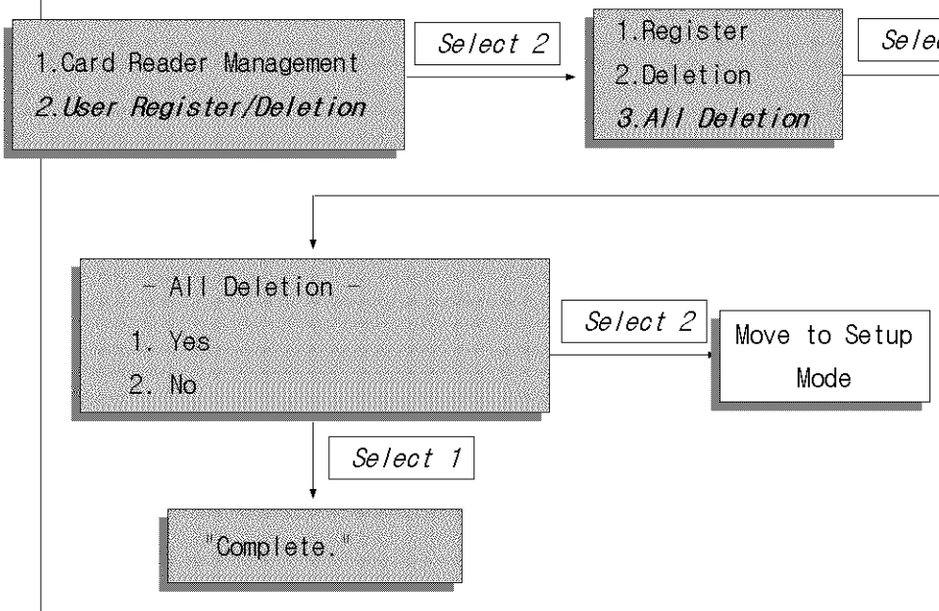


※ For normally issued card, can register by modifying card but for fingerprint/password not registered card, temporary card or keypad input register, must process fingerprint input procedure.

12) User Card Deletion



13) User Card All Deletion



※ Master information is not deleted when all deletion.

6.Communication Specification

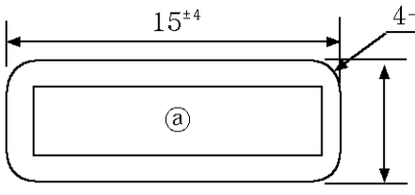
: Fingerprint attendance&absence reader machine can connect with attendance&absence system, SBMS and provide TCP/IP & RS-422 for communication with upper machine. Follows our company's standard for detail communication specification.

7.3 RS-422 S/W Version

① Circuit Diagram Number : BE0241CD?01010
② Reference No. : U303
③ Classify : RS-422 S/W ROM
④ ROM Version & Check-Sum :

Version No.	Check-Sum	(revision mark)	Apply Date	Remark
V1.0	3416 h	00	2003. 5	

※ ROM LABEL TYPE : "B"



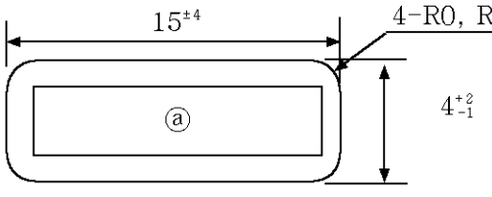
- Print Spec.
  ⓐ : U303 V1.0
- Follows spec. for material quality & size.

7.2 Voice Version

① Circuit Diagram Number : BE0241CD?01010
② Reference No. : U255
③ Classify : Voice ROM
④ ROM Version & Check-Sum :

Version No.	Check-Sum	(revision mark)	Apply Date	Remark
V1.0		00	2003. 2	

※ ROM LABEL TYPE : "B"



- Print Spec,
  ⓐ : U255 V1.0
- Follows spec. for material quality & size.

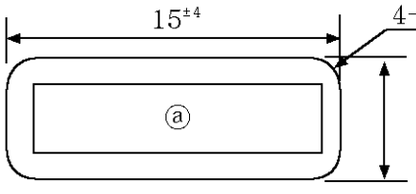
7. S/W ROM Version

7.1 Main S/W Version

① Circuit Diagram Number : BE0241CD?01010
② Reference No. : U51
③ Classify : Main Program ROM
④ ROM Version & Check-Sum :

Version No.	Check-Sum	(revision mark)	Apply Date	Remark
V1.0	601562b h	00	2003. 8	

※ ROM LABEL TYPE : "B"



- Print Spec.
  ⓐ : U51 V1.0

- Follows spec. for material quality & size.

Caution:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
--Reorient or relocate the receiving antenna.
--Increase the separation between the equipment and receiver.
--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
--Consult the dealer or an experienced radio/TV technician for help.