MC-T12-R-PS2-USB-KB

Magnetic card Dual Track (1 & 2) Reader with PS2 / USB KB emulation interface

APPLICATIONS:

MC-T12-R magnetic card reader can be connected to any PC , POS terminal to read the single track 2 or dual track (1 & 2) data on the magnetic card or bank passbook. It is well known for its high reliability and easy operation .
It is widely used in the banks, securities houses, POS, payment centers etc.

FEATURES :

- Bi-directional reading capability
- Support the most popular dual track 1 & 2 data reading
- Decoding method : F/2F
- Auto-identification of the ISO format, no need to have special data command format
- Power supplied by PS2/USB port , No external power supply requirement
- 2 LED indicators on the panel to indicate the operating status
- Audio notification to indicate a successful operation or error
- ISO 7811-7815 conformity
- Speed of pulling card : 10-120cm/s

DIMENSION

170(L)x50(W)x40(H) mm

POWER SUPPLY

- Voltage : 5V/DC   (power from PS2 or USB port)
- Current :   35mA

LIFE CYCLE

- > 600,000 times

INTERFACE:

- PS2 Keyboard emulator
- USB Keyboard emulation interface (optional)
  - need add PS2 to USB adaptor
  - No driver & software is required

ENVIRONMENT:

- Operation temperature : 0   +40
- work humidity 10%   85%RH

Dip switch setting :

SW1,2,8	(default to OFF)		
SW3	Connect External Keyboard	On (No)	Off (Yes) default
Sw4	Keyboard type	On (XT)	Off (AT) default
SW5	Add STX (%)/(;) and EXT (?)	On (No)	Off (Yes) default
SW6	Add line return	On (No)	Off (Yes) default
SW7	Track number selection	On – Track 2	Off – Track 1 & 2

Data Output Format

STX	Track 1 Data	Track 2 Data	ETX	BCC

STX – Start String
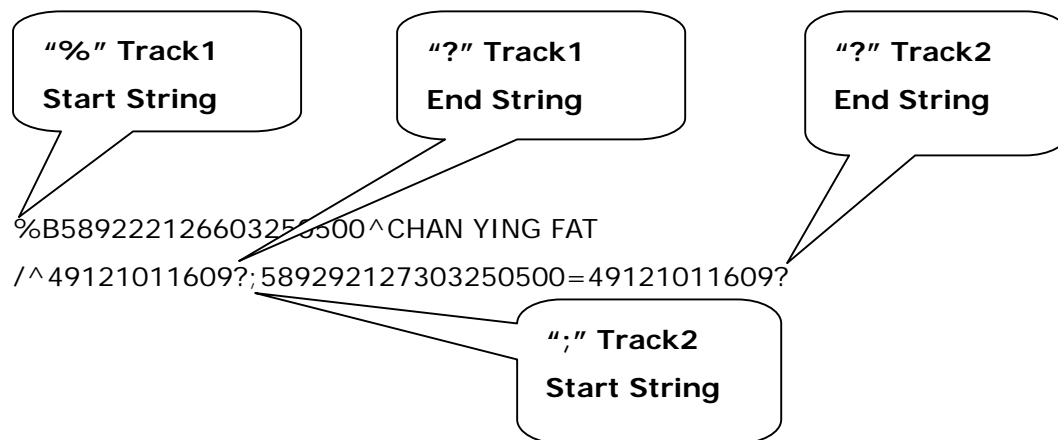
ETX – End String

BCC – Block Check Character

Track 1 data format :

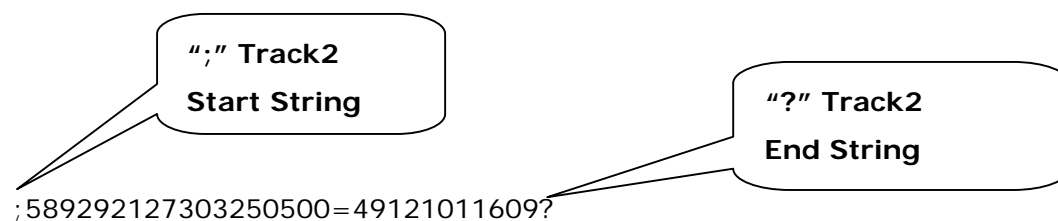| %	Track 1 Data (Max. 79 characters)	?

Track 2 data format :

;	Track 2 Data (Max. 37 characters)	?

Dual Track (1 & 2) data format

"%" Track1
Start String

"?" Track1
End String

"?" Track2
End String

%B58922212660325500^CHAN YING FAT
/^49121011609?;589292127303250500=49121011609?

";" Track2
Start String

Single Track 2 data format

";" Track2
Start String

"?" Track2
End String

;589292127303250500=49121011609?

Remarks

: Start & end string can be disable by Dip switch #5

: single or dual tracks can be selected by Dip switch #7