

# Solt MTP(Multi-purpose Transmission Program) User's guide

2013-21

Rev 1.0

**SÔLT**

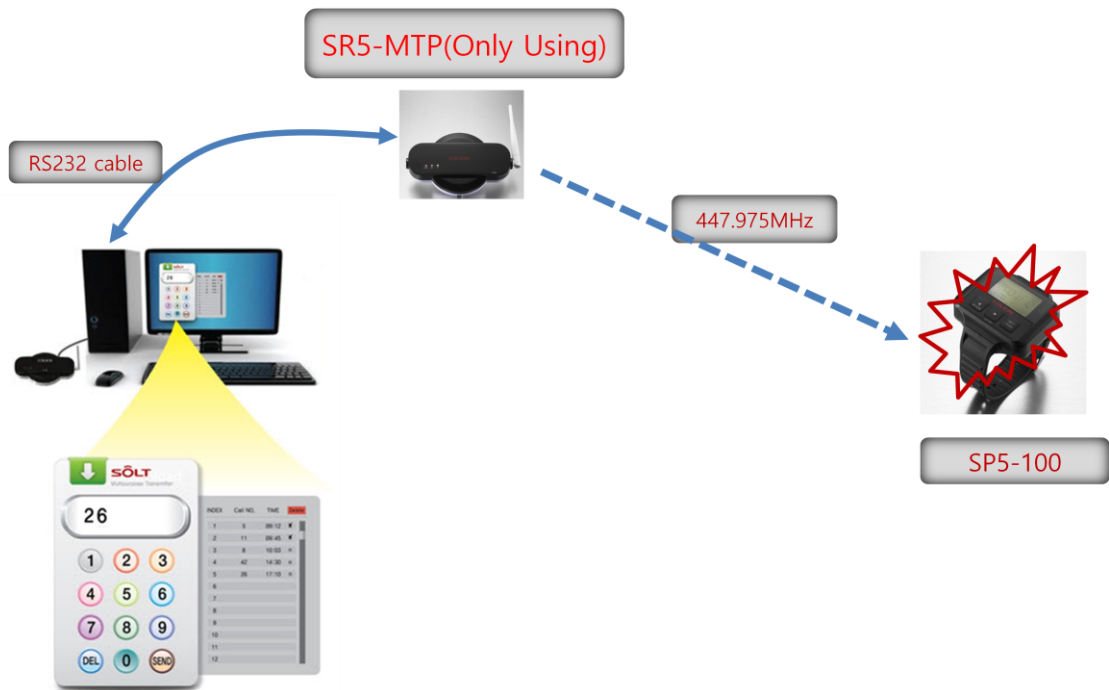
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## [Part. 1] Solt MTP Function

### 1. Introduction

- Solt MTP Program is designed to system to call SP5-100 by SR5-MTP that is connected to RS232 communication.



<Configuration>

## 2. How to install Program

### 2.1. Operating System

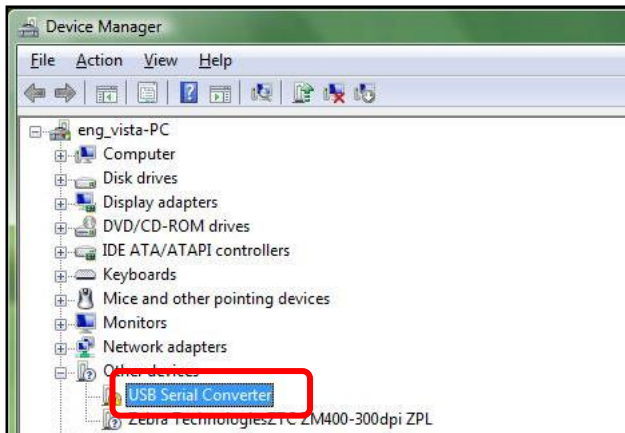
- Windows® XP, Vista, 7 (x86, x64 Compatible)

### 2.2. Recommended Hardware Specifications

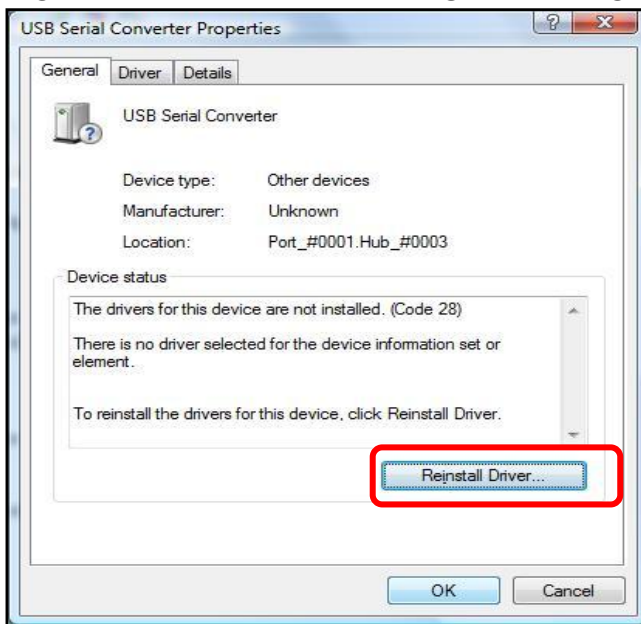
CPU- Intel® Core2 duo, RAM- 1GB, HDD- 200MB, Resolution - 1024\*768

### 2.3. USB Driver Installation

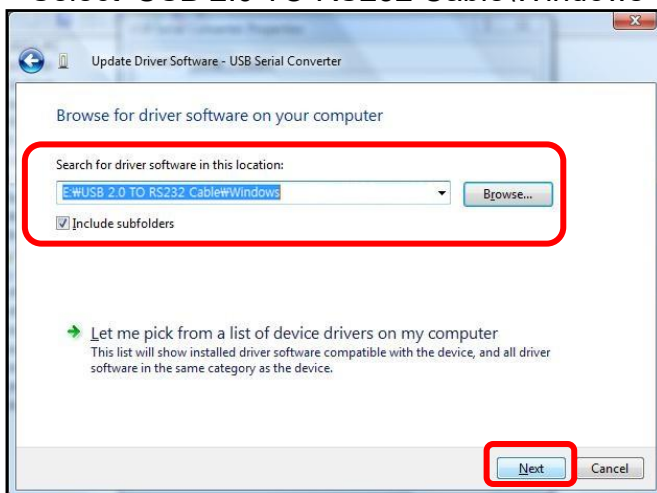
- Connect USB to Serial Cable to PC.
- Open Device Manager, the USB Serial Converter with a question mark, press the right mouse button to click Properties.



- Click 'Reinstall Driver...' in a USB Serial Converter property.

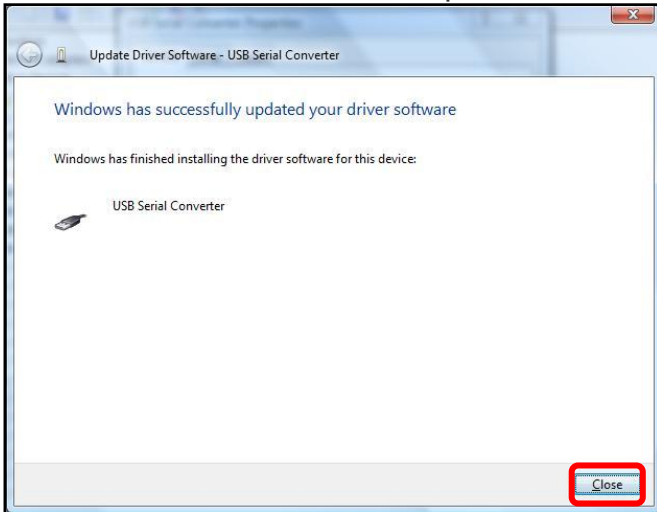


- Select 'USB 2.0 TO RS232 Cable\Windows' in a CD, and click Next.

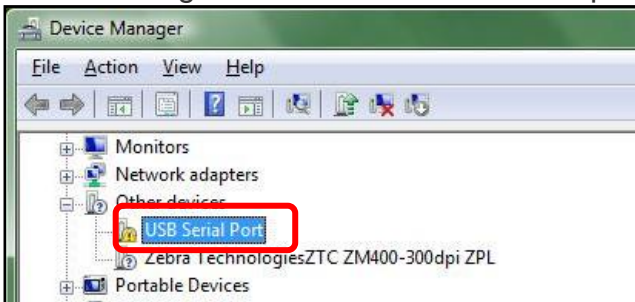


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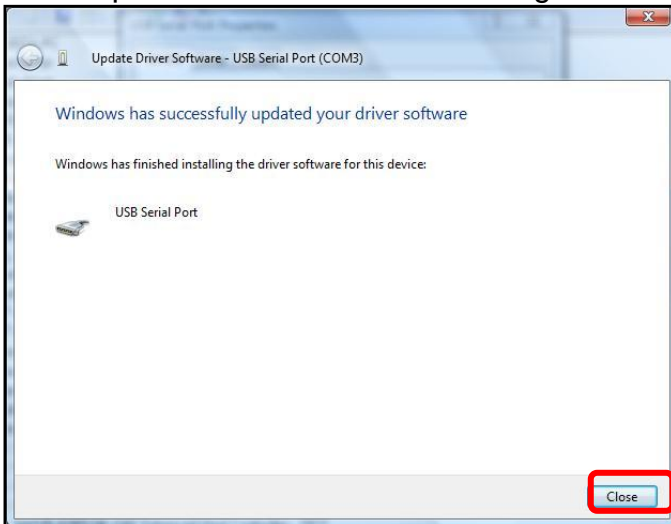
- Click the Close button to complete USB Serial Converter driver installation.



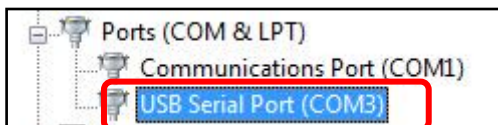
- Click the right mouse button to click Properties in the USB Serial Port in other devices.



- Complete to driver installation using same as installing USB Serial Converter above.

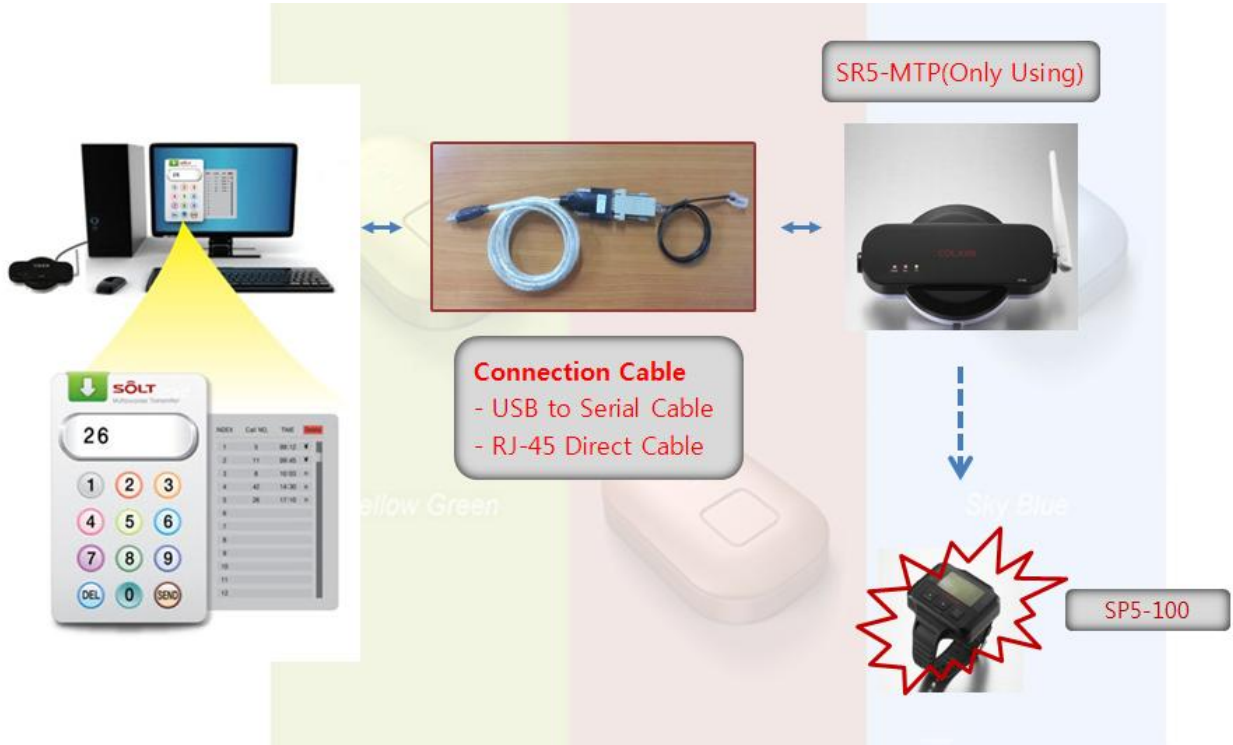


- When the installation is complete, the Task Manager of the Ports (COM & LPT) item can be found installed on USB Serial Port.



### 3. Hardware Configuration

#### 3.1. Hardware connection



<Hardware connection wiring diagram>

#### 3.2. Communication Cable Specifications



< ① >

< ② >

< ③ >

① USB to Serial Cable (PC ↔ RS232C Converter)

② RJ-45 Direct LAN Cable (RS232C Converter ↔ SR5-MTP)

③ Gender (RS232C Converter ↔ RJ-45 Direct LAN cable)

## 4. Tool Setup

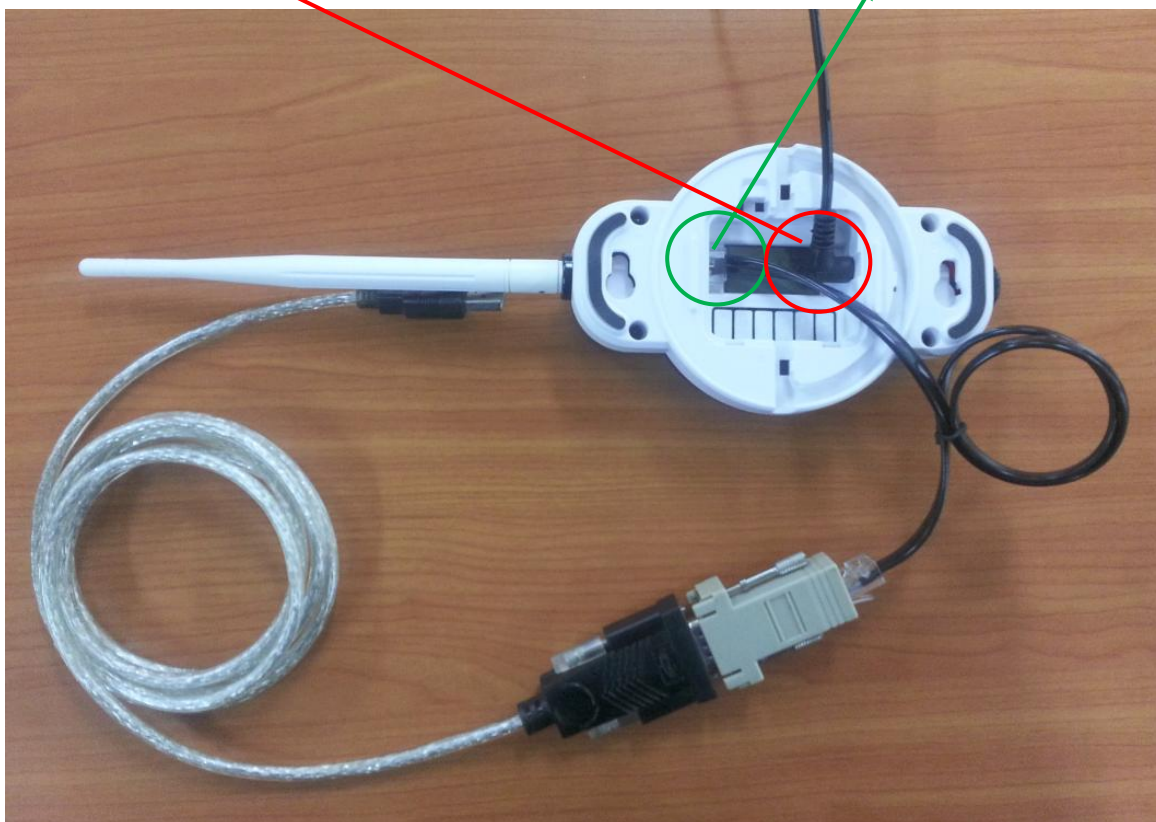
### 4.1. Connecting RS-232C Converter

- Connect USB to Serial Cable with PC to RJ45 cable by Gender.

### 4.2. Production connection

#### 4.2.1. SR5-MTP connection

- Turn on adaptor power to product and Connect SR5-MTP to RJ-45 Cable



## 5. Run Program

### 5.1. Start Program

- Click on Solt\_MTP.exe on the desktop.



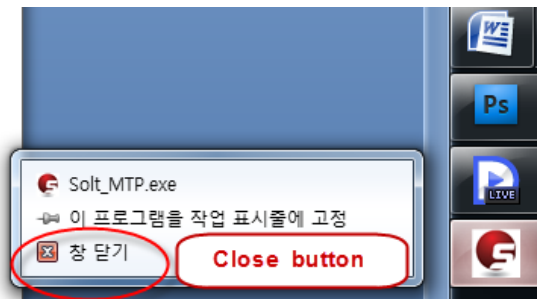
### 5.2. Run Display

- After RUN, Activate the window as follows.
- If do you want the calling Display Number, click the Display Number. And when click the SEND button, RF signals(ID+Keycode) are transmitted by SR5-MTP.



### 5.3. Exit

- Closed the icon in task bar as follows.





## 6. How to set

### 6.1.1. SR5-MTP data Import at SPM

#### 6.1.1.1. Data Import

- We would like to change FIG 1 To FIG 2. FIG 1 is the SPM data in DB.
- **Because SR5-MTP is recognized display number at DP\_6 point.**
- When Display Number of SR5-MTP is equal to Display Number of Solt\_MTP.exe, RF signals(ID+Keycode) are transmitted by SR5-MTP.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Company		Index	Bell Chip Id	Key Code	Dp_1	Dp_2	Dp_3	Dp_4	Dp_5	Dp_6	Dp_7	Dp_8	Dp_9	Receive
2			000	A560FA	1			1							O
3	Model	ST-P5	001	E7709C	1			2							O
4	P Code	SP5-100	002	6D027B	1			3							O
5	DB Ver	2.1A	003	95A21D	1			4							O
6	F/W Ver		39004	8D0B41	1			5							O
7	RX Frequency		447.975	47D358	1			6							O
8	TX Frequency		006	96ABB0	1			7							O
9	Display Time		0007	F126F8	1			8							O
10	Sound Repeat		0008	BD10B0	1			9							O
11	Duplicate Time		3009	1B53B4	1			0							O
12	TX Delay Time		0010	810500	1			1							O

FIG 1. Before the changing data

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Company		Index	Bell Chip Id	Key Code	Dp_1	Dp_2	Dp_3	Dp_4	Dp_5	Dp_6	Dp_7	Dp_8	Dp_9	Receive	Remark	
2			000	A560FA	1						1				O		
3	Model	ST-R5	001	E7709C	1						2				O		
4	P Code	SR5-MTP	002	6D027B	1						3				O		
5	DB Ver	2.5d	003	95A21D	1						4				O		
6	F/W Ver		004	8D0B41	1						5				O		
7	RX Frequency		447.975	47D358	1						6				O		
8	TX Frequency		006	96ABB0	1						7				O		
9	Display Time		0007	F126F8	1						8				O		
10	Sound Repeat		0008	BD10B0	1						9				O		
11	Duplicate Time		3009	1B53B4	1						0				O		
12	TX Delay Time		10010	810500	1						1				O		

FIG 2. After the changing data

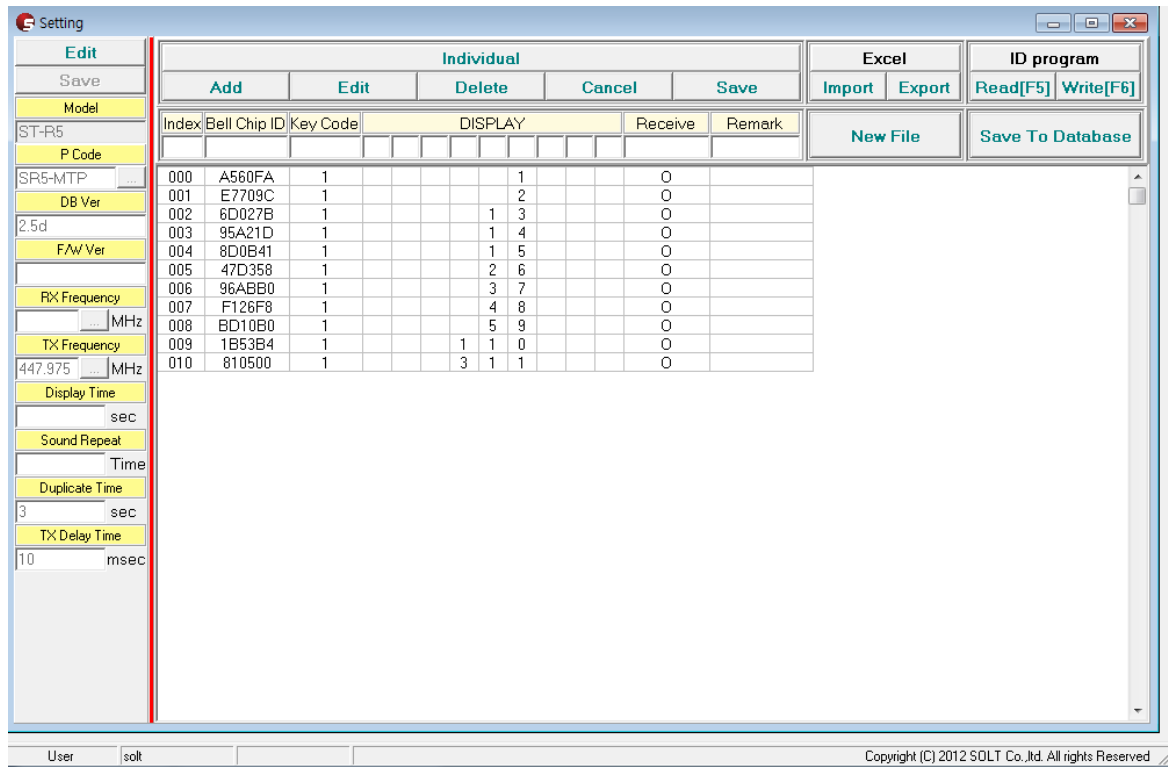


FIG 3. Import data at SPM

## 6.1.2. Execution Results

- The execution results of registered Display number are as follows (1).

