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

2013-21 Rev 1.0



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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<sup>®</sup> XP, Vista, 7 (x86, x64 Compatible)

#### 2.2. Recommended Hardware Specifications

CPU- Intel<sup>®</sup> 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.

-	USP Social Conv	atar							
?	USD Sellar Conv								
	Device type:	Other devices							
	Manufacturer:	Unknown							
	Location:	Port_#0001.Hub_#0003							
Ther elem To n	e is no driver select ient. einstall the drivers fo	ted for the device information set or or this device, click Reinstall Driver.							
		Reinstall Drive	r						

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



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 USB to Serial Cable (PC  $\leftarrow$ →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 <u>SR5-MTP to RJ-45 Cable</u>



## 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.

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	B13	- ()	f <sub>x</sub>														
	A			В	С	D	E	F	G	H	Ι	J	K	L	М	Ν	0
1	Company				Index	Bell Chip Id	Key Code	Dp_1	Dp_2 D	Dp_3 [	Dp_4	Dp_5	Dp_6	Dp_7	Dp_8	Dp_9	Receive
2					000	A560FA	1		1	L							0
3	Model		ST-P5		001	E7709C	1		2	2							0
4	P Code		SP5-100		002	6D027B	1		1 3	3							0
5	DB Ver		2.1A		003	95A21D	1		1 4	ļ į							0
6	F/W Ver			39	004	8D0B41	1		1 5	5							0
7	RX Frequency			447.975	005	47D358	1		26	6							0
8	TX Frequency				006	96ABB0	1		3 7	7							0
9	Display Time			0	007	F126F8	1		4 8	3	1						0
10	Sound Repeat			0	008	BD10B0	1		59	)	/						0
11	Duplicate Time			3	009	1B53B4	1	1	1 0								0
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13																	
14										(1)							
15										(.)							
	1																

FIG 1. Before the changing data

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r <sup>e</sup>	홈 삽입 페이지	레이아웃 수식 데이터	검토 !	보기 Acrobat												
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4	P Code	SR5-MTP	002	6D027B 1					1	3				0		
5	DB Ver	2.5d	003	95A21D 1					1	4				0		
6	F/W Ver		004	8D0B41 1					1	5				D		
7	RX Frequency		005	47D358 1					2	6				D		
8	TX Frequency	447.975	006	96ABB0 1					3	7				D		
9	Display Time		007	F126F8 1					4	8		1		0		
10	Sound Repeat		008	BD10B0 1					5	9		/		0		
11	Duplicate Time	3	009	1B53B4 1				1	1	0				0		
12	TX Delay Time	10	010	810500 1				3	1	1				0		
13																
14																
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16									1	(2)						
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18																
19																
				1												

FIG 2. After the changing data

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Edit					Ex	cel	ID program								
Save	Add Edit				Delete Cancel Save						Import	Export	Read[F5] Write[F	F6]	
Model	Index Bell Chin ID Key Code												) <u> </u> *	=	
ST-R5	Index		Key Coue							Receive	Flemark	New	File	Save To Databa	se
	000	AE00EA	1		1 1		1							<u> </u>	
SR5-MTP	000	E7709C	1				2			0		_			Ê
DB Ver	002	6D027B	1			1	3			Ō					
2.5d	003	95A21D	1			1	4			0					
F/W Ver	004	8D0B41	1			1	5			0		_			
	005	47D358	1			2	6			0		_			
RX Frequency	005	36ABBU F126E9	1		+	J A	- /	+				-			
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FIG 3. Import data at SPM

#### 6.1.2. Execution Results

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

Solt_MTP			
SÔLT Multi Data Transmission Program	INDEX 1 2 3 4 5 6 7 8	Call NO 1 2 13 14 15 26 37 48	TIME 17:23 17:23 17:23 17:23 17:23 17:23 17:23 17:23 17:23 17:23 17:23
	9 10 11	59 110 311 (1)	17:24 17:24 17:24
4 5 6 ALL			
(7) (8) (9) (ROUP) (ANCEL (0) (SEND)			E