

**SLC-2080**  
**USB Cable**

***User's Guide***

*Printing in Taiwan*  
*Ver :041116*

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# Preface

## About this manual

This manual is designed to make using the SLC-2080 USB cable as easy as possible. Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. The latest version for this user's manual will be shown on our website for your reference. ([www.sun-wave.com](http://www.sun-wave.com))

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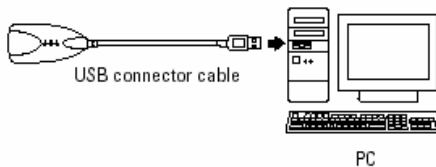
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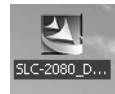
## Install the USB Cable Driver

SLC-2080 is a transmit cable that enables the SRC series remote control to connect with a PC. Besides, you can also duplicate the settings in one remote and transfer them to another remote control by the cable.

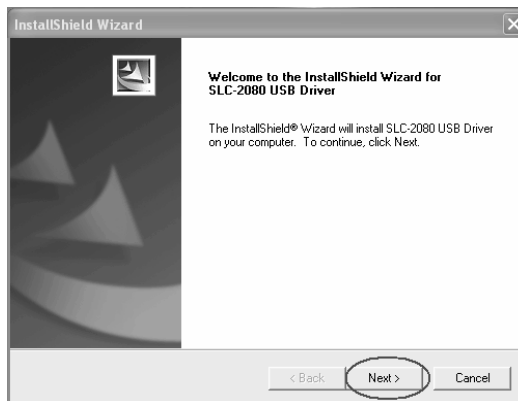
1. Locate the SLC-2080 USB driver from the CD enclosed with the package, or download the driver from <http://www.sun-wave.com>
2. Connect the supplied USB connector cable to the USB port of the PC.



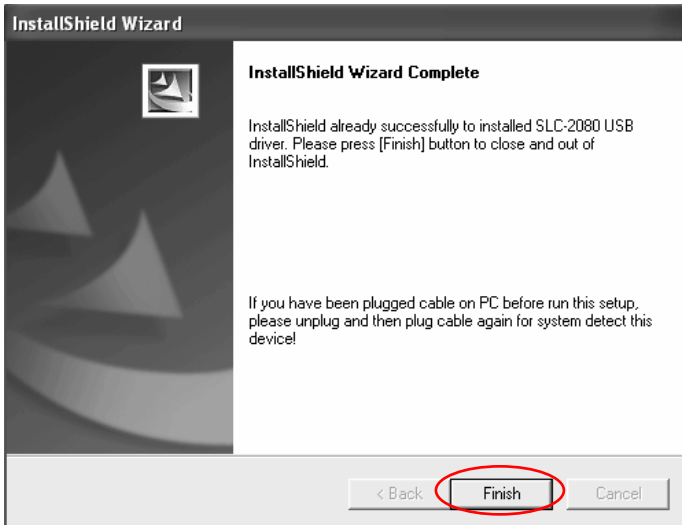
3. Double click the icon "SLC-2080 USB\_driver" to start the installation.



4. When the InstallShield Wizard welcome window shows up, click "Next" to start installation.



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5. After the program has finished installing the driver, a window will appear as shown below. Click "Finish" to complete the setup processes.



The SLC-2080 USB driver is installed completely.

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# Introducing RemoteComm

SLC-2080 USB cable & RemoteComm software provides a convenient interface for configuring menus for SRC serial Universal Remote Control. The software enables users to customize the SRC serial remote control, create macros and timers, and import the new settings to the remote control via the interface cable. Users are also able to import settings from the remote control and duplicate remote control data from user library database.

## System Requirements

- PC with an USB port and CD-ROM drive
- Minimum 30MB free hard-disk space

**OS:**

Windows 98 (Including Second Edition)  
Windows Millennium Edition  
Windows 2000 Professional  
Windows XP Home Edition  
Windows XP Professional Edition

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## Install the RemoteComm

\*If you are using Windows 2000 or Windows XP, please log on as an administrator.

\*Please close all the programs or the program which may reject the installation processes.

1. Start your computer and then insert the CD-ROM in the drive.

The setup program will start automatically.

If you want to start the setup program manually, first of all double-click the "My Computer" icon on your Windows desktop, then double click the icon for your CD-ROM drive, and double-click "RemoteComm.exe".

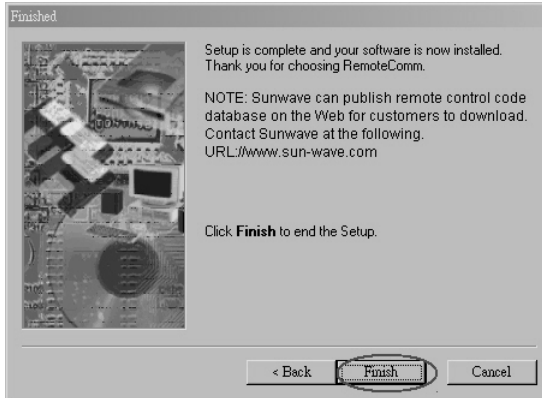
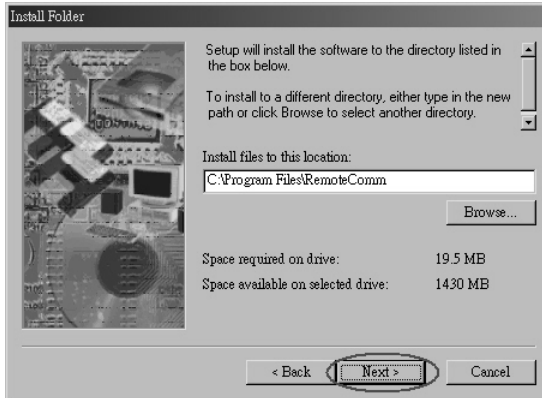
Click next and follow the instructions on the screen to install the RemoteComm program.



2. Follow the on screen instructions as below.

If you want the software to be installed in particular location inside your PC, just click "Browse" to select a new location. Otherwise if you are satisfied with the default location, please click "Next" to continue.

(Please refer to Help under RemoteComm software for the operation procedure.)



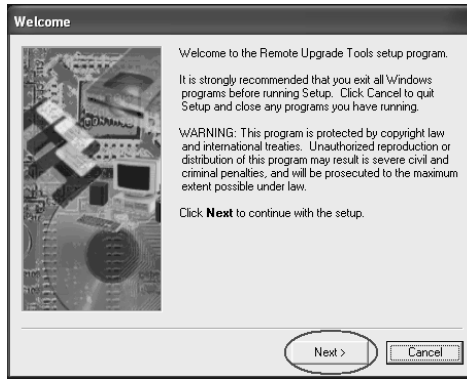


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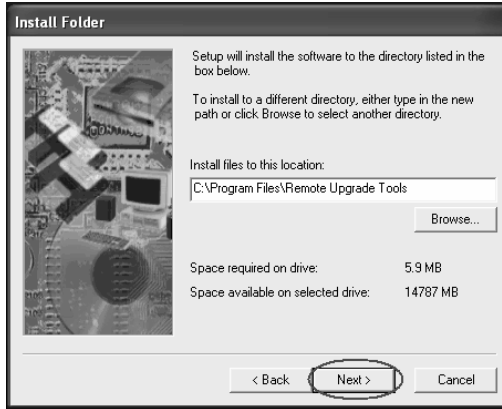
## Install the Upgrade Tools

The Upgrade Tools enable you to upgrade your firmware and pre-programmed codes database through the Internet.

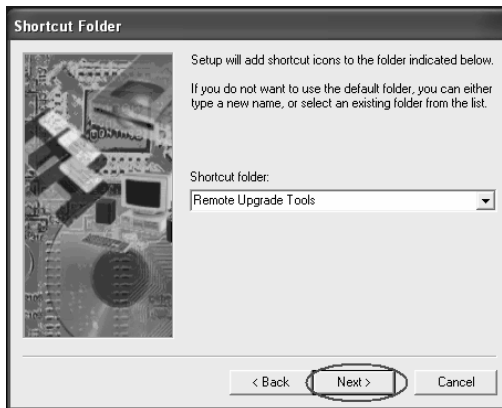
1. Locate the program from the CD enclosed within the package or you can download the latest program from <http://www.sun-wave.com>
2. Double click the icon below to install Upgrade Tools, and you will see the window below. Click "Next" to continue.



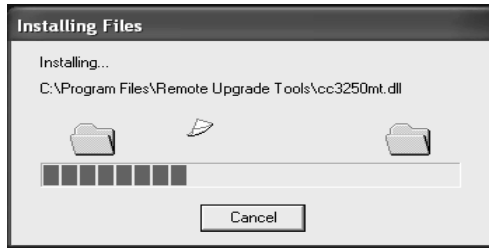
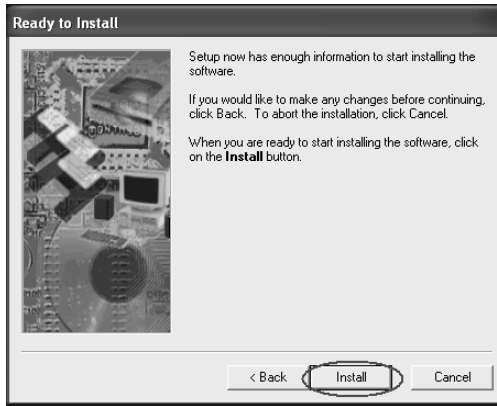
- 
3. Choose the directory you wish the program to be installed, then click "Next".  
If you want the software to be installed in particular location in your PC, then click "Browse" to select a new location. If you are satisfied with the default location, just click "Next" to continue.



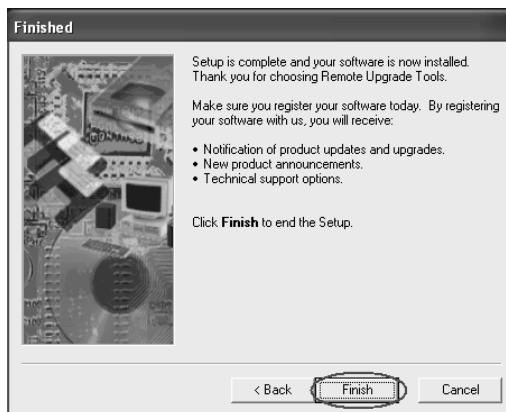
4. Choose a Start menu folder for your Upgrade Tools shortcuts, then click "Next".



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5. After finishing all steps above, click “Install” to start installing the program.



6. You have now successfully installed Upgrade Tools. Click “Finish” to exit the installation.



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## Using the Upgrade Tools

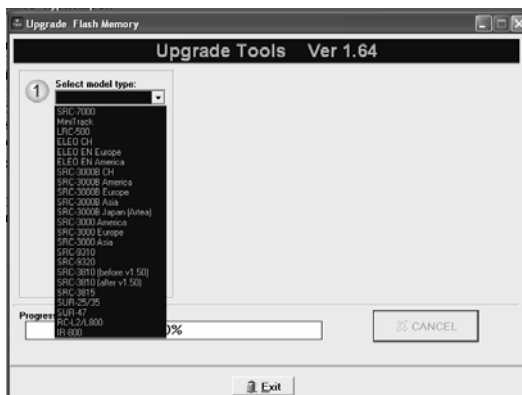
With the SLC-2080 and the Upgrade Tools, you can easily upgrade your SRC series remote control via Internet. There are two types of files you can upgrade: VMCU Firmware and VMCF Pre-programmed Codes.

- VMCF Pre-programmed Codes:  
This file is the IR database of pre-programmed codes for the remote control. SUNWAVE continues to acquire new codes around the world and then updates the database for customers from time to time. You can download the latest pre-programmed codes for your remote control.
- VMCU Firmware:  
This file controls all operations of the SRC series remote control. You can load updated VMCU Firmware to make operation more efficiently.

### A. Upgrade Flash Memory -

#### VMCF Pre-programmed Codes

1. Load your Upgrade Tools program,
2. Select model type from hint ①.  
(The remote hasn't connected with PC yet.)

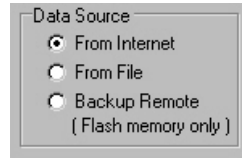


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3. Select “Data Source” you will load the files from :

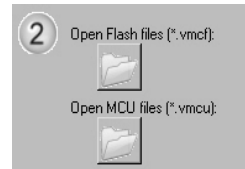
**\* From Internet**

This option will download the latest database files from Internet. The PC needs to be connected with Internet. Please refer to step 4 for following procedure.



**\* From File**

Select this option will load the data from existing \*.vmcu / \*.vmcf file. Open the file which you selected and download the data into the remote control.

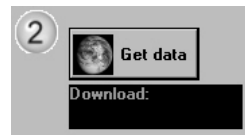


**\* Backup Remote**

Select this option will back up your settings. Connect your SRC series remote control with PC then click the “Backup” key to start it. Click “OK” to complete the setup processes. Save the \*.vmcf file in your PC to complete the processes.



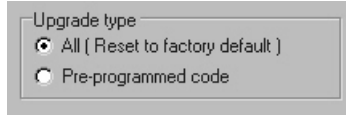
4. Click “Get data” button to load the files from hint②, and an “OK” message will be shown when the program get the data from Internet.



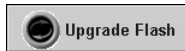
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5. Upgrade Flash memory :

There are two options in “Upgrade type” for SRC series remote control.



- If you select “**All (Reset to factory default)**”, you will upgrade your pre-programmed code database and erase all your settings on the remote control simultaneously.
  - If you select “**Pre-programmed code**”, you will upgrade your pre-programmed code database only and keep your settings on the remote control.
6. Next connect the remote control to the PC with the SLC-2080 USB cable (Make sure the driver has been installed properly. Please refer to previous section.)
7. After selecting the “Update type”, click the “Upgrade” button to start the upgrade process.



8. You will see “OK” message after completion.

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## B. Upgrade MCU Program - VMCU Firmware

All series of SRC remote control can upgrade MCU program directly and you could do it without turning switch manually.


But for upgrading the SRC-38\*\* or SRC-93\*\* MCU program, please refer the instructions as below.

### To upgrade MCU program for SRC-38\*\* and SRC-93\*\* :

- **PC side**

Followed the steps as above “A. Upgrade Flash Memory” from step 1~ 4.

- **Remote Side**

1. Take off the batteries & USB Cable. (Very important)
2. Change the switch to "**PROG**" position. The switch is located in the battery compartment. (Remote hasn't connected with USB cable yet).
3. Insert batteries. (There has nothing shown on the LCD now.)
4. Connect the SRC-38\*\* or SRC-93\* with PC by the USB cable.
5. Press the “Upgrade MCU” button. A rectangular button with a circular icon on the left and the text "Upgrade MCU" on the right.
6. You will see “OK” message shown on PC after completion.
7. Take off the connection and change the switch back to “NORM” position. Next inserting the batteries, the LCD display will show up normal operation screen.
8. Complete the Upgrade processes.