

**Media Center Remote Control and
Receiver/Transceiver**

User Guide

(RC125, IR605/A, IR606)

INDEX

| | |
|-------------------------------------|----|
| 1. Introduction..... | 2 |
| 2. Appearance..... | 2 |
| 3. Features..... | 3 |
| 4. Package Contents..... | 3 |
| 5. System Requirements..... | 3 |
| 6. Installation and Operation..... | 4 |
| 7. Specifications..... | 5 |
| 8. Key Definition..... | 6 |
| 9. Troubleshooting..... | 9 |
| 10. Appendix-Learning Function..... | 10 |

Caution!

No part of manual may be reproduced or modified without our express written permission; otherwise the right of using the device will be cancelled.

Trademarks

Microsoft® , Windows® , and Windows Vista® are U.S. registered trademarks of Microsoft Corporation. IBM, DOS, and PC are registered trademarks of IBM Corporation. All brands, products and companies are trademarks of registered trademarks of their respective companies.

Notice

The information contained in this document is subject to change without notice. All rights are reserved. No part of document may be photocopied, reproduced, or translated to another language, for any purpose, without our express written permission.

Introduction :

RC125 Media Center Remote Control with IR605/A Receiver/IR606 Transceiver is your best solution to control the MCE on your Desktop or Laptop. It is compatible with Microsoft® Windows® MCE certification and Green Button regulation. The easy connection between RC125 and IR605/A/IR606 makes your entertainment more joyful.

Appearance :

Media Center Remote Control: Model name RC125



US version for US region

EU version for EU region

Receiver: Model name IR605/A

Transceiver: Model name IR606



IR605/A Receiver



IR606 Transceiver

Features :

RC125 Remote Control

1. Microsoft® Windows® MCE certification and Green Button support
2. With all of the buttons and functions necessary for Microsoft® certification, including official Green Button.
3. Small USB dongle style receiver
4. Use standard Microsoft® drivers, no software to install.
5. It could wake the system from S1 or S3
6. Infrared Rays Frequency : 38KHz ; Infrared Rays transmission distance : 7~10 meter

IR605/A Receiver

1. Receiver with USB Port, it's easy to connect with your computer
2. Support one indication LED for the system level interaction
3. Use in-box Windows® drivers
4. RC6 and MCIR keyboard protocols are supported
5. It could wake the system from S1 or S3
6. It consumes around 1.5mA in sleep mode

IR606 Transceiver

1. Small USB dongle type transceiver and easy to connect with your computer.
2. Support one indication LED for the system level interaction: blink during working mode and turned off during sleep mode.
3. Use in-box Windows® drivers.
4. Be able to use normal IR receiver to receive the signal from MCE remote control or MCE keyboard
5. Be able to use learning IR receiver to learn the signal from the remote control of set-top box. After finishing learning procedures, the MCE remote control (RC125) can replace the remote control of set-top box.
6. Be able to use transmitter jack to emit the signal to control set-top box.
7. It can wake the system from sleep mode.
8. It consumes around 1.5mA in sleep mode.

Package Contents :

- Media Center Remote Controller (RC125) x 1
- Receiver IR605/A (USB Port) x 1 or Transceiver IR606 (USB Port) x 1
- User's Guide
- AAA battery x 2
- USB cable x 1 (optional)
- Blaster cable x 1 (optional)

System Requirements :

- Intel® Pentium® 1GHz CPU or faster
- 512MB RAM or above (1G recommended)
- Desktop or laptop computer running Windows® Vista Home Premium or Ultimate
- USB Port; PC platform
- Graphics card capable of DirectX9

Installation and Operation :

- 1. Battery Installation** -- Open the battery cover of the Remote Control and install 2 AAA batteries correctly.
- 2. Receiver Installation** -- Plugging IR605/A receiver (with USB Port on it) into the USB port of your computer.

(Optional) If your package comes with a USB cable, you can use the USB cable to bridge between your USB port and the IR605/A Receiver and then put the IR605/A Receiver in front of you to get a better signal transmission.

- 3. Transceiver Installation** -- Plugging IR606 transceiver (with USB Port on it) into the USB port of your computer. If you have setup box (at most 2), please plug the cable of IR blaster into IR606 and paste the emitter of IR blaster on the IR receiver of setup box.
- 4. Operation** -- Before you start to use it, please make sure the distance between RC125 Remote Control and IR605/A receiver/IR606 transceiver is under an effective range and the Remote Control aim at the IR receiver. You can use your Remote Control by pressing any key you want.

Specifications :**RC125 Remote Control:**

- Operation Voltage : 2.4V~3.2V ; Battery : AAA battery x 2
- Power Consumption with input signal : < 450mA
- Infrared Rays Frequency : 38KHz ; Infrared Rays transmission distance : 7~10 meter
- Remote Control size : 45 x 185 x 24 mm
- Remote Controller Button Number : 48 buttons


















IR605/A Receiver:











- Receiver size: 43 x 22.1 x 16.2 mm
- Receiver Interface : USB Port
- Operation Voltage : 4.75V~5.25V





IR606 Transceiver:

- Transceiver size: 48 x 48 x 19.3 mm
- Transceiver interface : USB Port
- Operation Voltage : 4.75V~5.25V
- One normal IR receiver for receiving the signal from RC125 MCE remote control (long-range IR, 7~10 meters apart)
- One learning IR receiver for receiving the signal from set-top box remote control for learning (from 5 centimeters or less apart)
- Two transmitter jacks for connecting IR blaster to emit IR signal to control installed TV Tuner after finishing learning procedures

Key Definition :

| No. | ICON | Function | Function Description |
|-----|---|-----------|--|
| 1 |  | Start | Start the MCE |
| 2 |  | Power | Turn on/off the power |
| 3 |  | Rec | Record the TV program you are watching |
| 4 |  | Stop | Stop all the on going function |
| 5 |  | Rew | Move backward |
| 6 |  | Play | Run the function you want |
| 7 |  | Fwd | Move forward |
| 8 |  | Skip Back | Jump back to the previous one |
| 9 |  | Pause | Stop all the on going function temporary |
| 10 |  | Skip Fwd | Jump to the next one |
| 11 |  | Back | Go back to the upper function group |
| 12 |  | Guide | Start the Guide function |
| 13 |  | Left | Move to the left side |
| 14 |  | Right | Move to the right side |
| 15 |  | Live TV | Start the TV |
| 16 |  | OK | Run the current pointed function |
| 17 |  | Up | Move to the up side |

| No. | ICON | Function | Function Description |
|-----|---|-------------|---|
| 18 |  | Down | Move to the down side |
| 19 |  | Videos | Start Videos Function |
| 20 |  | Music | Start Music Function |
| 21 |  | Radio | Start Radio Function |
| 22 |  | Pictures | Start Picture Function |
| 23 |  | Vol | Tune the volume up/down |
| 24 |  | Ch/Pg | Change the channel |
| 25 |  | DVD Menu | Open the DVD menu |
| 26 | Clear | Clear | Clear what you just input/choose |
| 27 | Enter | Enter | Confirm what you just input |
| 28 |  | Recorded TV | Start the Recorded TV function |
| 30 |  | Mute | Turn off the vol immediately |
| 31 | i | More | Provide information of the current status |
| 32 | 1 | 1 | Number 1 |
| 33 | 2 | 2 | Number 2 |
| 34 | 3 | 3 | Number 3 |

| No. | ICON | Function | Function Description |
|-----|---|----------|----------------------|
| 35 | 4 | 4 | Number 4 |
| 36 | 5 | 5 | Number 5 |
| 37 | 6 | 6 | Number 6 |
| 38 | 7 | 7 | Number 7 |
| 39 | 8 | 8 | Number 8 |
| 40 | 9 | 9 | Number 9 |
| 41 | 0 | 0 | Number 0 |
| 42 | * | * | * |
| 43 | # | # | # |
| 44 |  | Zoom | Setup Zoom |
| 45 |  | Angle | Setup Angle |
| 46 |  | Audio | Setup Audio |
| 47 |  | Subtitle | Setup Subtitle |

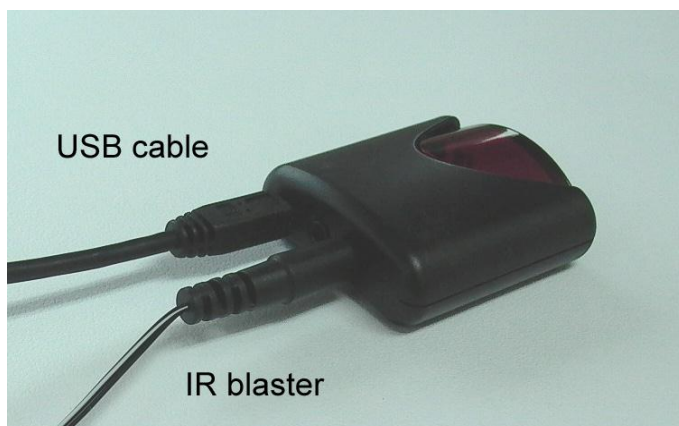
Troubleshooting :

| Question | Possible Reason | Solution |
|-----------------------------------|--|---|
| RC125 Remote Control doesn't work | <ul style="list-style-type: none">● No battery installed, battery dead, or the batteries are not installed properly● Un-correct MCE installation● Un-properly connection between the receiver and the computer | <ul style="list-style-type: none">● Check the battery installation and correct it● Check the installed MCE program● Check the connection between the receiver (USB port) and computer (USB port) and correct it |

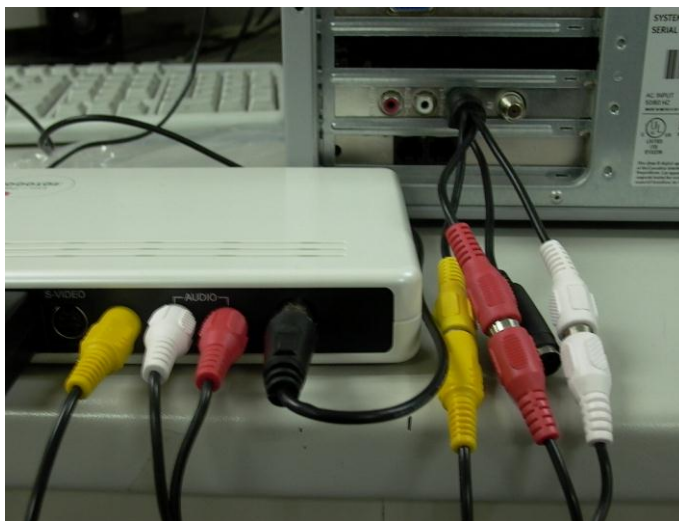
Appendix – Learning Function

- **Setup of IR606, IR blaster, USB cable, TV tuner card, Set-Top Box (STB), and remote control. And the TV Tuner features must installed and found under Device Manager**

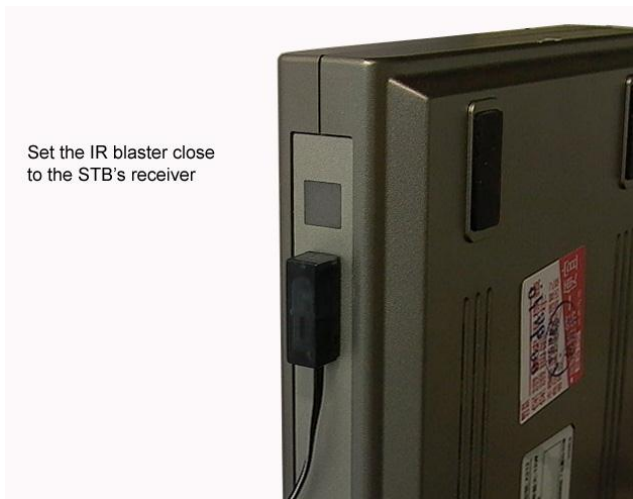
1. Plug the IR blaster and USB cable on the IR606



2. Connect the 4-in-1 video input cable to the TV tuner card then plug video cable (Yellow connector) and audio cable (Red-White connector) to the STB and TV tuner card individually. Remark: 4-in-1 video input cable is provided by video capture card or TV tuner card. Video cable and audio cable are the accessories of STB or TV Tuner.



3. Attach the IR blaster close to the STB receiver or direct connect to the TV tuner receiver.

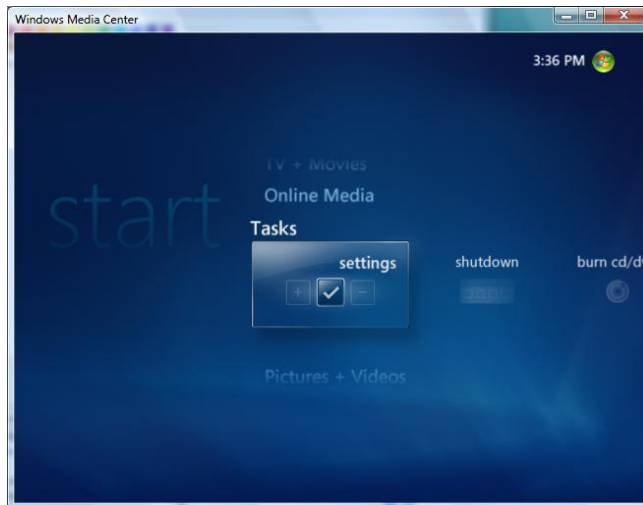


4. When doing the learning, please make your remote control of STB aim at the IR606 closely (5 centimeter or less)

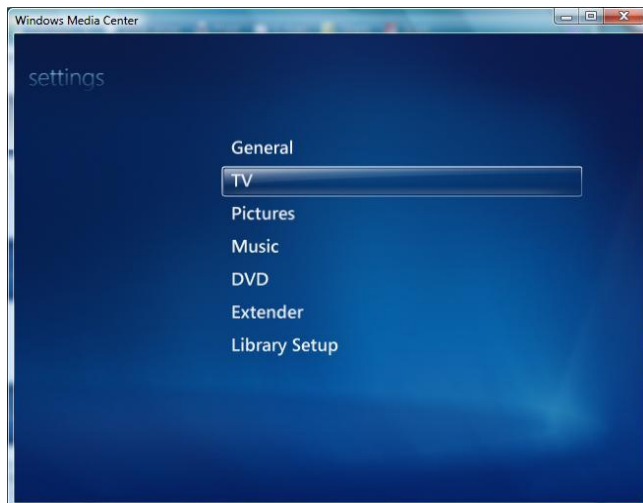


- **Start to the Learning Function of IR606**

5. Use your MCE remote control to start Windows Media Center and choose Tasks → choose Settings



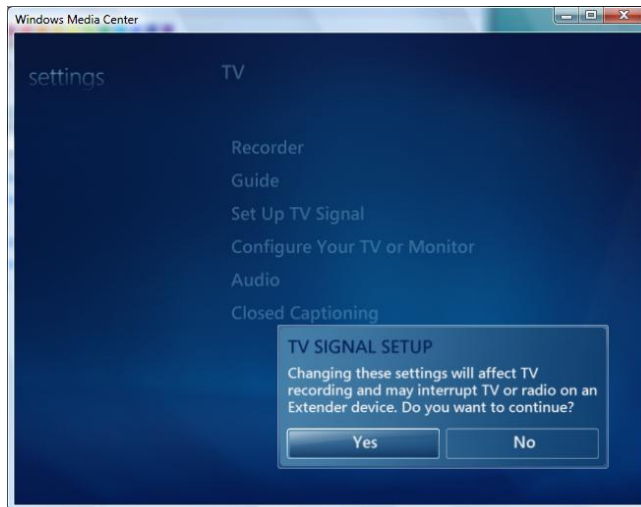
6. Choose TV



7. Choose Set Up TV Signal



8. Confirm the TV Signal Setup, please make sure your system can identified the TV Signal to activate learning mode



9. Start to Set Up Your TV Signal



10. Choose the Region you are belong to



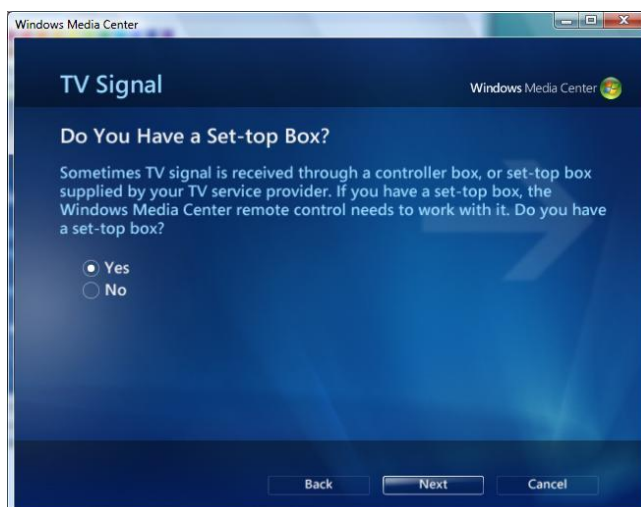
11. Link to Internet to download the TV service setup options



12. Select the source of TV Signal, the default is Cable.



13. Make sure whether you have a set-top box or not? And if you want to control the TV Signal through Media Center remote, please choose "Yes".



14. Before you set up your set-top box, you need to check the listed items



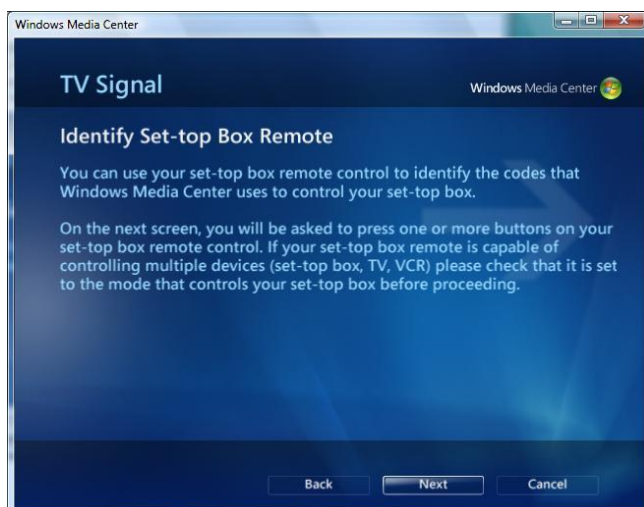
15. Select the input TV Signal



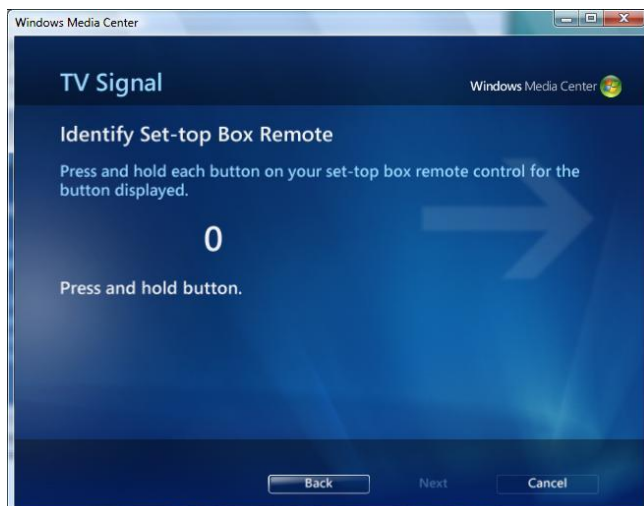
16. Make sure if your set-top box works with a remote control



17. A message telling you that you are going to the identification process to check if your STB remote is already included in the MCE's database



18. Please follow the instruction to identify the **set-top box remote** from number "0"



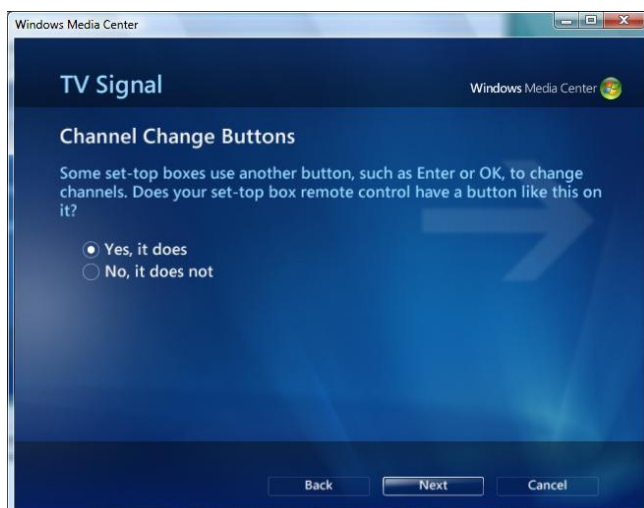
19. If the **set-top box remote** is not recognized, confirm whether to do the learning



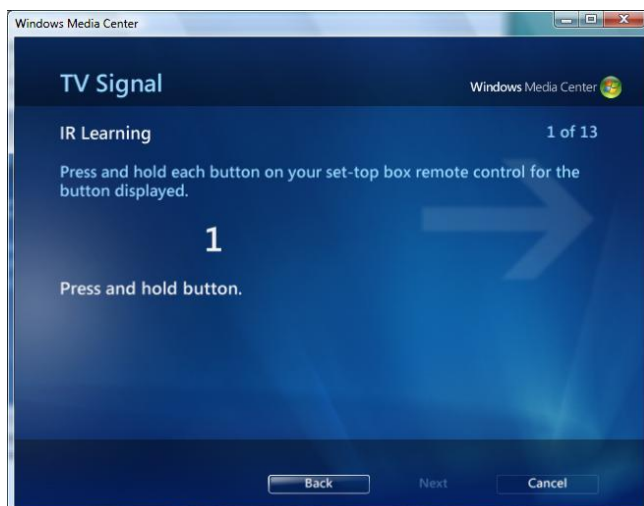
20. Make the **set-top box remote** aim at learning IR receiver under an efficient distance. Please refer to point 4 on page 11 for more detail.



21. Confirm whether you have a button to do the change



22. Start to learn, total 13 keys (0~9, channel up, channel down, and ok) or 12 keys(0~9, channel up, channel down). please make your remote control of TV Tuner aim at the IR606 closely (5 centimeter or less).



23. After the learning is done, pick up your Windows Media Center remote to go next. From now on, the MCE remote RC125 can replace the remote control of set-top box to switch channels



24. The maximum of digit numbers your set-top box can support



25. Let the IR blaster attached to the set-top box receiver and use your MCE remote control to select the channel you want.



26. Check whether the channel is changed correctly



27. Set the IR Signal Speed with channel up & channel down to make sure it works ok



28. Set IR Signal Speed



29. TV Signal done, meaning you finish the whole learning process

