

**Integrated Remote Commander  
RM-AX4000**

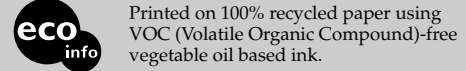
**Operating Instructions**

**Quick Start Guide**

**Refer to the PDF file "Operating Instructions"**  
Refer to the PDF file "Operating Instructions" for more information and for troubleshooting.

**How to display the PDF file "Operating Instructions"**  
The PDF file "Operating Instructions" will be installed when the AX Remote Editor software is installed. Click [Start] - [All Programs] - [Sony Remote AX] - [RM-AX4000 Operating Instructions] on your PC.

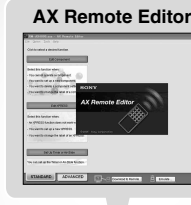
You need Adobe Acrobat Reader 5.0 or later, or Adobe Reader software in your PC.



**Comfortable operation with the Remote Commander**

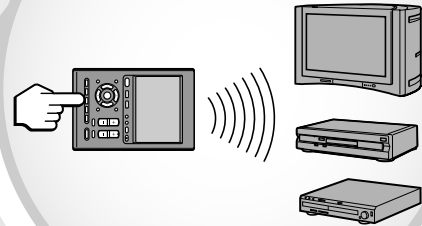
You can easily transfer a variety of settings from your PC to the Remote Commander using the AX Remote Editor software.

**Easy setup on your PC!**



Transfer setting files to the Remote Commander

**Comfortable operation**



The Setup Wizard helps you make all the necessary settings!

Use the Remote Commander to control all your components!

You can also set up the Remote Commander yourself, without using a PC. See the PDF file "Operating Instructions" for details.

**Features**

The RM-AX4000 Remote Commander provides centralized control of all your AV components from a single remote control and saves the trouble of operating different AV components with different remote control devices. The following are its main features.

**Control up to 16 components**

With the Remote Commander, you can control up to 16 components, including your TV, VCR, DVD, CD, RCVR, etc.

**Centralized control of Sony AV components with this one Remote Commander**

The Remote Commander is preset at the factory to operate Sony brand components, so you can use it out of the box as a control center for your Sony AV components.

**Remote control signals for non-Sony components are also preset**

The Remote Commander also recognizes the preset codes for most major brands components, as well as Sony. Just select the corresponding codes to control all your AV components.

**XPRESS functions for executing a series of commands to operate several AV components, just by pressing one key**

Groups of commands from different components can be set onto up to 8 XPRESS keys. For example, when you watch a DVD using a TV and amplifier/receiver, you just press one key to on/off each component, select the correct inputs. Available keys for the XPRESS function appear on the LCD display. Also, XPRESS function can memorize the status of power on/off, input selector for each component, and send a signal to synchronize the status which you want without reference to the component's status.

**The AX Remote Editor software allows you to make advanced settings for the Remote Commander.**

**Air-Slide executes an XPRESS function by "sliding your finger" across the LCD display**

You can also perform an XPRESS function by sliding your finger in a set pattern across the Remote Commander's LCD Display. This function is called an "Air-Slide", and 6 different patterns are available.

**The AX Remote Editor software allows you to make advanced settings for the Remote Commander.**

**Clock display and Timer function**

Up to 8 Timer macros can be programmed to automatically turn on/off components and other controls (such as recording, stopping, etc.).

**Learning function lets you program other remote control signals you may need**

The Remote Commander's learning function can learn the remote control infrared signals of non-preset components. The Remote Commander can learn remote control signals (infrared signals only) of other devices such as air conditioners, lights, etc. (some specific appliances or functions may not be available).

**System Control function executes a series of commands (a macro) by pressing one button/key**

The Remote Commander has special buttons/keys, which can be programmed to perform a series of commands (a macro) just by pressing one button/key. You can program up to 8 System Control macros.

**KeyMacro function allows you to select a channel with a single key**

The Remote Commander allows you to program a macro for a key to operate an AV component. For example, you can create a macro that enters the numbers 1, 2, and 3, to select channel 123 just by pressing one key. The AX Remote Editor software allows you to make advanced settings for the Remote Commander.

**Easy-to-operate Touch-key LCD with blue back light**

The Remote Commander has a Touch-key LCD that changes keys and labels according to the selected component. The Remote Commander is easy to operate as only the keys necessary to operate the selected component are shown. The display backlight allows operation even in the dark.

**"AX Remote Editor" for easy Remote Commander setup**

The supplied software "AX Remote Editor" allows you to set up the Remote Commander on your PC and download the settings to the Remote Commander. Various advanced settings can also be made easily on your PC.

**Specifications**

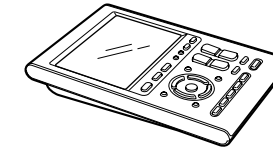
See the PDF file "Operating Instructions" for the Specifications.

**Preparing**

**Unpacking**

Check the contents of the package before using the Remote Commander.

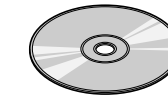
- Remote Commander RM-AX4000 (1)



- USB mini cable (1)



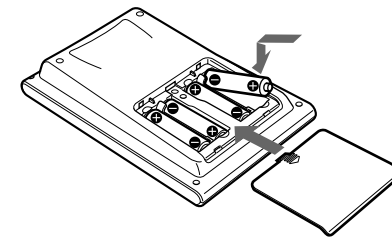
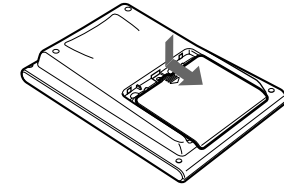
- CD-ROM for the AX Remote Editor software, PDF file Operating Instructions (1)



- Quick Start Guide (1)
- Preset code lists (1)
- Warranty Card (1)

**Installing the batteries**

Slide and open the battery compartment lid and insert four size AA (R6) alkaline batteries (not supplied). Be sure to line up the + and - of the batteries with the + and - of the battery compartment.



**When to replace the batteries**

**When replacing the batteries, do it quickly. Otherwise, the memory settings for the clock will be erased. The clock does not work while replacing the batteries.**

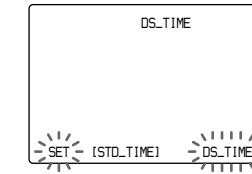
Alkaline batteries will last up to 5 months (a Sony TV turned On/Off up to approx. 300 times per day). If the Remote Commander does not operate properly, the batteries are getting weak and ⏻ appears on the LCD display. When the LCD display dims or the backlight for the touch keys grows dim, the batteries are getting weak; replace them.

**Notes on replacing the batteries**

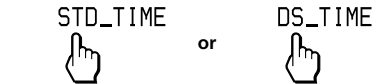
- Do not attempt to recharge dry batteries.
- Do not carry dry batteries together with coins or other metallic objects. This can generate heat if the positive and negative terminals of the batteries accidentally come into contact with metallic objects.
- When you are not going to use the unit for a long time, remove the batteries to avoid damage from battery leakage and corrosion.
- Do not use different types of batteries at the same time.
- When you replace the batteries, replace them both with new ones.

**Setting the clock**

When you install batteries the first time, the Remote Commander enters clock setup mode. "DS\_TIME" appears as the Display title. "STD\_TIME" lights and "SET" and "DS\_TIME" flash on the Label keys.



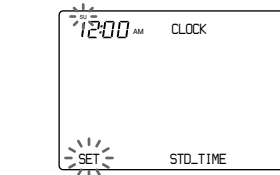
- 1 Press "STD\_TIME" or "DS\_TIME" on the Label keys.



The current setting is shown inside the [ ], while the other flashes. If the summer time (daylight savings time) is used in your area, press the DS\_TIME key. When the time change occurs (in spring and autumn), the Remote Commander will automatically adjust itself. If the summer time is not used in your area, press the STD\_TIME key.

- 2 Press "SET" on the Label keys.

A beep sounds, "SET" and "SU" flash, and "12:00 AM" lights on the Clock display.

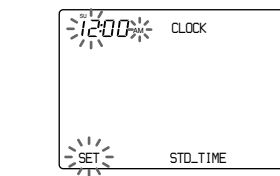


- 3 Set the day of the week by pressing the ⏻ or ⏷ button.

The selected day of the week flashes.

SU	SU : Sunday
MO	MO : Monday
TU	TU : Tuesday
WE	WE : Wednesday
TH	TH : Thursday
FR	FR : Friday
SA	SA : Saturday

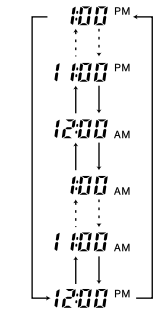
Next, press the ⏻ button. The day of the week is set. "12" (hour) "AM" and "SET" flash.



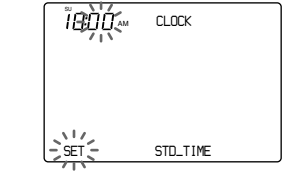
**Note**  
If you press the ⏻ button, the day of the week is set and setting mode skips to step 5.

- 4 Set the hour and AM (or PM) by pressing the ⏻ or ⏷ button.

The selected hour and AM (or PM) flash.



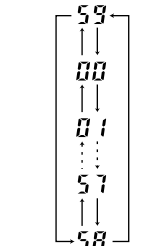
Next, press the ⏻ button. The hour and AM (or PM) are set. "00" (minute) and "SET" flash.



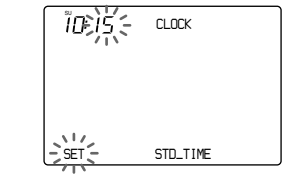
**Note**  
If you press the ⏻ button, the hour and AM (or PM) are set and the setting mode returns to step 3.

- 5 Set the minute by pressing the ⏻ or ⏷ button.

The selected minute flashes.



If you want to finish the clock setting, go to step 6.



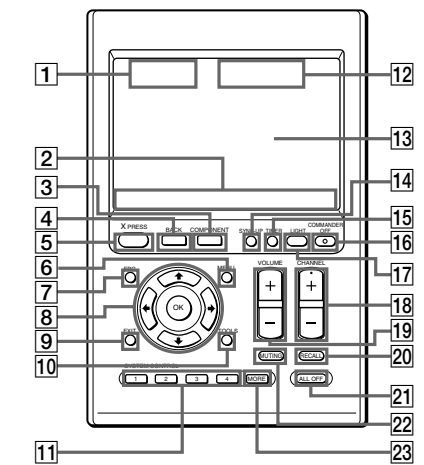
- Notes**
- If you press the ⏻ button, the minute is set and the setting mode returns to step 3.
  - If you press the ⏻ button, the minute is set and the setting mode returns to step 4.

- 6 Press "SET" on the Label keys.

The beep sounds, and the clock starts from the 0 second of the current minute.

**Note**  
If you press the SET key in any step above, the clock starts from the 0 second of the current minute.

**Location and function of controls**



The CHANNEL + button has a tactile dot.

- 1 **Clock display**  
Displays the clock, the transmission mark, the battery mark and the timer mark.
- 2 **Label keys**  
Different keys appear depending on the selected display. The Label keys are used mainly to choose the XPRESS function/component/System Control/Timer/setting items, etc. You can change the names of the XPRESS function, components, System Control key and Timer as the Label keys.
- 3 **COMPONENT button**  
The component names appear as the Label keys. When you press a component name, the operating display for that component appears.
- 4 **BACK button**  
Used to return to the previous display.
- 5 **XPRESS button**  
The XPRESS names appear as the Label keys. When you press an XPRESS name, the operating display for that XPRESS function appears, and its macro is performed.
- 6 **MENU button**  
Calls up the menu screen for components that have menu function.
- 7 **EPG button**
- 8 **OK and Cursor Control buttons**
- 9 **EXIT button**
- 10 **TOOLS button**
- 11 **SYSTEM CONTROL buttons**  
You can automatically carry out the entire program by pressing one button.
- 12 **Display title**  
Shows the title of the LCD Display. If a page number such as "/1" appears, multiple pages are available. If you press the number, next page displays.
- 13 **Touch-keys**  
The keys are used for setting the Remote Commander and operating each component appear on the LCD display.
- 14 **SYNC-UP button**  
Used to synchronize with the status of a component.
- 15 **TIMER button**  
Used to set the timer program on/off.
- 16 **COMMANDER OFF button**  
Turns the power of the Remote Commander off.
- 17 **LIGHT button**  
Used to brighten the backlight in the dark. Press the button once to turn on/off the light.
- 18 **CHANNEL +/- buttons**  
Selects the channel.
- 19 **VOLUME +/- buttons**  
Adjusts the volume.
- 20 **RECALL button**
- 21 **ALL OFF button**
- 22 **MUTING button**  
Silences the sound. Press the button to silence, and again to return to the previous volume level.
- 23 **MORE button**  
The System Control keys (SYSTEM5-8) are displayed as the Label keys. When you press a System Control key, its macro is performed.

**Note on the LCD display's power on/off**

To turn on the LCD display, press any button except the COMMANDER OFF button. To turn off the LCD display, press the COMMANDER OFF button. If you do not use the Remote Commander within 5 minutes, the LCD display automatically turns off. This interval can also be changed.

**WARNING**

To prevent fire or shock hazard, do not expose the unit to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

**WARNING**

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

**Owner's Record**

The model number is located on the rear of the unit and the serial number is located in the battery compartment. Record the serial number in the space provided below. Refer to them whenever you call upon your Sony dealer regarding this product.  
Model No. RM-AX4000  
Serial No. \_\_\_\_\_

**INFORMATION:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:  
- Reorient or relocate the receiving antenna.  
- Increase the separation between the equipment and receiver.  
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.  
- Consult the dealer or an experienced radio/TV technician for help.

If you have any questions about this product, you may call; Sony Electronics Support 1-866-922-7669 or <http://www.sony.com/remotesupport>

**Declaration of Conformity**

Trade Name: SONY  
Model No.: RM-AX4000  
Responsible Party: Sony Electronics Inc.  
Address: 16450 W. Bernardo Dr, San Diego, CA 92127 USA  
Telephone No.: 858-942-2230

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Notice for users**

**On the supplied software**

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- In the event a problem occurs with this software as a result of defective manufacturing, SONY will replace it. However, SONY bears no other responsibility.
- The software provided with this unit cannot be used with equipment other than that which is so designated.
- Please note that, due to continued efforts to improve quality, the software specifications may be changed without notice.
- Operation of this unit with software other than that provided is not covered by the warranty. Program © 2005 Sony Corporation Documentation © 2005 Sony Corporation

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# Settings

## Remote Commander settings and operating procedures

### About the factory setting

The Remote Commander (RM-AX4000) is preset at the factory to operate most Sony brand AV components (see the table below). If you operate a non-Sony AV component, you need to set the component's preset code on the Remote Commander first.

### Default components list

Displays on Remote Commander	Component
TV	TV
A-CBL	Analog Cable box
D-SAT #1	Digital Satellite
DVD	DVD player
VCR	Video Cassette Recorder
DVR	Digital Video Recorder
CD	CD player
RCVR	Receiver/Amplifier
DVDVR	DVR/DVD combo
DVD-R	DVD Recorder
D-CBL #1	Digital Cable box
DAV	DVD/Receiver combo
PJ	Projector
TAPE #2	Cassette deck
MD	MD deck
LIGHT	Light

\*1 If your component has the built-in DVR function, preset the "code No." of DVR.

\*2 Analog audio compact cassette deck

## How to set up the Remote Commander (On-PC Setup and On-Remote Setup)

There are two ways to make settings for the Remote Commander, "On-PC Setup" with the aid of PC software and "On-Remote Setup" directly on the Remote Commander.

- On-PC Setup (Recommended)**  
"On-PC Setup" uses the supplied software for your PC, "AX Remote Editor," to set up the Remote Commander. By following the wizard, it allows you to easily make all the necessary settings for the Remote Commander (components' preset codes, etc.). Furthermore, you can add and customize a range of settings which are not available with On-Remote Setup.
- On-Remote Setup**  
"On-Remote Setup" is a way of setting up directly with the Remote Commander. However, some advanced settings are not available with On-Remote setup (see the table below).

### IMPORTANT

You cannot use both methods. Once you set up the Remote Commander by either On-PC Setup (recommended) or On-Remote Setup, you cannot make additional settings using the other method. You can only delete the entire setup and start over using the other setup method.

## Programmable items of On-PC Setup and On-Remote Setup

Main setting items	Using the AX Remote Editor	Using the Remote Commander
Setting the preset codes	○	○
Learning the remote control signals	○	○
Editing the label	○	○
Setting the Timer	○	○
Programming the Timer	○	○
Setting System Control function #1	○	○
Setting XPRESS function #2	○	×
Setting Air-Slide function #3	○	×
Unit settings	○	○

\*1 System Control function is used to perform a programmed series of commands (a macro) on several AV components by pressing just one button.

\*2 An XPRESS function is also a macro function which executes a series of commands for controlling several AV components by pressing just one key. The difference is, the XPRESS display stays available for you to make additional settings.

\*3 An Air-Slide is a function which executes an XPRESS function by "sliding your finger" in a set pattern across the display.

## Setting procedure for On-PC Setup

If you set up the Remote Commander using On-PC Setup (recommended), follow the procedures below.

- Step1: Installing the "AX Remote Editor".**
- Step2: Installing the USB driver.**
- Step3: Using the "AX Remote Editor" to set up the Remote Commander.**

- See the Help file of AX Remote Editor for setting details.
- Step4: Operating an AV component using the Remote Commander.**  
After finishing the setting with AX Remote Editor, operate the AV component using the Remote Commander.
  - To operate the XPRESS function.
  - To operate components individually.

- Option1: You can also change the Unit Settings such as the backlight and beep.**
- Option2: You can also change the settings of the buttons or keys on the Remote Commander with AX Remote Editor.**  
See the Help of AX Remote Editor for setting with AX Remote Editor.

### When using On-PC Setup

If you set up the Remote Commander using On-PC Setup, you do not need to read this PDF manual "Setting by the On-Remote Setup".

## Setting procedure for On-Remote Setup

If you set the Remote Commander On-Remote Setup, follow the procedure below.

- Step1: Setting the preset codes.**
- Step2: Operating AV components using the Remote Commander.**  
After finishing the setting of the preset codes, you can use the Remote Commander to operate your AV components.
  - To operate the XPRESS function.
  - To operate components individually.

- Option1: You can also change the Unit Settings such as backlight and beep.**
- Option2: You can also change the settings of the buttons or keys on the Remote Commander.**

### When using On-Remote Setup

If you set up the Remote Commander using On-Remote Setup, you do not need to install the AX Remote Editor and its driver, or connect the Remote Commander to your PC. You also do not need to read the PDF pages 16 to 20.

## Installing the "AX Remote Editor"

By installing the "AX Remote Editor" software on the supplied CD-ROM onto your PC, you can set up the Remote Commander with your PC. "AX Remote Editor" makes setting up complex operations like a series of commands (a macro) easy, and also allows various other convenient functions that can only be set up on the PC. For details, see the Help menu provided in "AX Remote Editor."

## "AX Remote Editor" system requirements

### Operating systems:

Windows XP Media Center Edition 2005/  
Windows XP Media Center Edition 2004/  
Windows XP Media Center Edition/  
Windows XP Professional/Windows XP Home Edition/Windows 2000 Professional

**CPU:** Pentium II, 300 MHz or more

**RAM:**

64 MB or more (128 MB or more for Windows XP)

**Required hard disc capacity:**  
20 MB or more

**Display:**

High (16 bits) Color or higher,  
1,024 × 768 dots or better\*

**CD-ROM drive**

**USB port**

\* Does not operate with a display of under 1,024 × 768 dots.

## Installing the "AX Remote Editor"

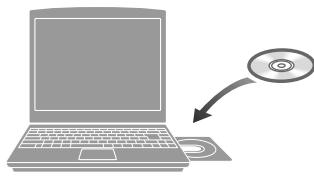
Follow the instructions below to install.

### Notes

- Do not simply copy the "AX Remote Editor" folder in the supplied CD-ROM to a PC. You need to install it properly for it to work.
- On Windows 2000, or Windows XP, logon with an authorized "Administrator" ID when installing "AX Remote Editor."

- Close all software running on Windows.

- Insert the supplied CD-ROM into the CD-ROM drive of the PC.



After a moment, "RM-AX4000 Install CD Menu" appears.

- Click [Install AX Remote Editor]. "AX Remote Editor 1.0 Setup" appears.



- Click [Next].

Follow the on-screen instructions and proceed with the installation. When the installation is complete, "AX Remote Editor 1.0 Setup" automatically quits.

### Tip

**If the installation display is hidden behind other windows**  
If "AX Remote Editor 1.0 Setup" disappears behind other displays while installing, press the [Tab] key several times while pressing down the [Alt] key to bring up "AX Remote Editor 1.0 Setup" again.

## Installing the USB driver

You need to install the USB driver before connecting the supplied USB mini cable to your PC and the Remote Commander. Follow the instructions below to install.

### Notes

- Without batteries in the Remote Commander, the USB connection cannot be detected by the PC even if the USB mini cable is connected. Make sure to install the batteries before installing the USB driver. If the USB driver installation is interrupted by mistake, install it again from the beginning.
- Do not simply copy the USB driver in the supplied CD-ROM to the PC. You need to install it properly for it to work.
- On Windows 2000 or Windows XP, logon with an authorized "Administrator" ID when installing the USB driver.
- On Windows 2000 or Windows XP, you need to install the driver for each port to which the Remote Commander will be connected.
- Depending on the PC, various messages other than those mentioned in this manual may appear during the USB driver installation. Just follow the on-screen instructions of these messages to install.

### For Windows XP users

- Close all software running on Windows.
- Insert the supplied CD-ROM into the CD-ROM drive of the PC.  
After a moment, "RM-AX4000 Install CD Menu" appears.

- Click [Exit] to close "RM-AX4000 Install CD Menu."

- Connect the PC and the Remote Commander using the supplied USB mini cable.

The "Found New Hardware" message appears in the Notification Area in the lower right-hand of the display. After a moment, "Found New Hardware Wizard" appears.

### Tip

**If the following confirmation message appears, "Can Windows connect to Windows Update to search for software?", select [No, not this time] then click [Next].**



- Select "Install the software automatically [Recommended]", then click [Next].

Installing of the USB driver starts. The "Completing the Found New Hardware Wizard" display appears when the installation is complete.

- Click [Finish].  
Installing of the USB driver finishes.

### For Windows 2000 users

- Close all software running on Windows.

- Insert the supplied CD-ROM into the CD-ROM drive of the PC.  
After a moment, "RM-AX4000 Install CD Menu" appears.

- Click [Exit] to close "RM-AX4000 Install CD Menu."

- Connect the PC and the Remote Commander using the supplied USB mini cable.

The "Found New Hardware" message appears. After a moment, "Found New Hardware Wizard" appears.

- Click [Next].  
The "Install Hardware Device Drivers" display appears.

- Select "Search for a suitable driver for my device [recommended]", then click [Next].  
The "Locate Driver Files" display appears.

- Mark only the check box of "CD-ROM drives", then click [Next].  
The "Driver Files Search Results" display appears, and the found driver is displayed.

- Click [Next].  
Installing of the USB driver starts. The "Completing the Found New Hardware Wizard" display appears when the installation is complete.

- Click [Finish].  
Installing of the USB driver finishes.

## Connecting the Remote Commander to your PC

You can now connect the Remote Commander (RM-AX4000) to your PC with the supplied USB mini cable. Connect whenever you want to verify correct operation of key and button commands for an XPRESS function, etc., or to exchange setup data between your PC and the Remote Commander.

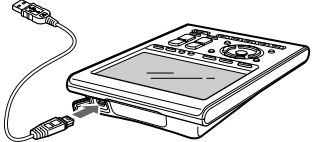
### IMPORTANT

- Do not keep the Remote Commander connected to the PC when the PC is in standby/hibernation, otherwise, a malfunction could occur.  
Be sure to disconnect the Remote Commander from the PC before standby/hibernation begins.
- Furthermore, do not connect the Remote Commander to the PC while it is in standby/hibernation.  
Wait until the PC comes out of standby/hibernation before connecting.

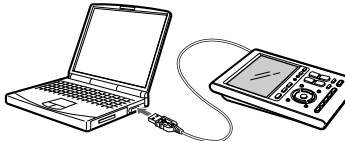
### Notes

- The Remote Commander uses the battery when connected to the PC. When you finish the setup, unplug from the USB connector.
- Before connecting the Remote Commander to your PC, be sure to install the fresh batteries in the Remote Commander.
- Do not disconnect the USB mini cable from your PC while your PC is communicating with the Remote Commander, as a malfunction may occur.
- Only connect one Remote Commander to your PC at a time. Otherwise, you will not be able to download the settings correctly.

- Connect the USB mini cable to the USB connector of the Remote Commander (RM-AX4000).



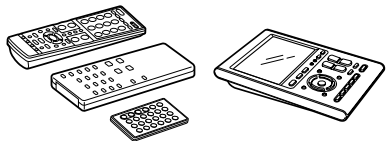
- Connect the USB mini cable to the USB connector of your PC.



## Using the "AX Remote Editor" to set up the Remote Commander

You can set the Remote Commander using the AX Remote Editor software. Follow the procedures below.

- Gather all your remote controls.



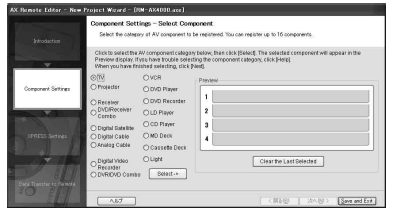
We recommend using the remote controls which were supplied with each component, but if you are using a replacement remote control (due to loss or damage) or a universal remote (which controls multiple components), have it handy as well.

- On your PC, click the Windows "Start" button and point to "All Programs" - "Sony Remote AX," - "AX Remote Editor" and click.  
"AX Remote Editor" starts up, and the last project appears.  
The first time AX Remote Editor starts up, the "New Project" wizard appears. Following the onscreen instructions, create a project.





### Note

If you do not have a remote control for one of your components, do not add that component's remote control settings to the Remote Commander on the following screen. Finish the "New Project" wizard, then select the "ADVANCED" tab and proceed to the setting. See the Help file of AX Remote Editor for setting details.



### Tips

- If you are using an operating system other than Windows XP, click the "Start" button of Windows and point to "Programs" - "Sony AX" - "AX Remote Editor" and click to start up "AX Remote Editor".
- If  (the shortcut icon of AX Remote Editor) is displayed on the desktop of Windows, double-click the icon to open it. (Depending on the setting, Windows XP may automatically delete icons from the desktop if they have not been used for a certain period of time. If  is not displayed on the desktop, use the "Start" button.)

## Using the "AX Remote Editor" - Help

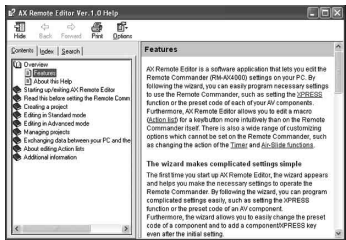
You can set up the Remote Commander by operating "AX Remote Editor," referring to the detailed instructions provided in Help.

### Starting Help

Start up "AX Remote Editor," then click [Help] on the menu bar and select [AX Remote Editor help].

### How to use Help

Click one of the tabs: [Contents], [Index] or [Search], and check the information you need.



### To search by contents (Contents)

You can find information relating to a specific subject by using the table of contents shown on the "Contents" tab.

### To search indexed information (Index)

You can find information from a list of predetermined keywords shown on the "Index" tab.

### To search using key words (Search)

You can submit a Keyword search on the "Search" tab by typing in your keyword(s).

# Operating

## Operating your components

There are two ways to operate the components on the Remote Commander (RM-AX4000).

- XPRESS operation:** You can operate multiple AV components related to a specific task, such as "watching a TV," or "watching a DVD," etc. This is called an "XPRESS function."
- Single component operation:** You can operate each AV component individually.

## What is the XPRESS function?

An "XPRESS function" is an executable series of commands that operate several AV components, just by pressing one key.

- For example, you have to perform the following operations sequentially to watch a DVD using a TV, receiver/ amplifier, and DVD player.
- Turn on the TV.
  - Set the input mode of the TV to VIDEO1.
  - Turn on the receiver/amplifier.
  - Set the input selector of the receiver/ amplifier to DVD.
  - Turn on the DVD player.
  - Start DVD playback.

By setting the above commands as an XPRESS function, you can watch a DVD by simply pressing one key.

Also, XPRESS function can memorize the status of power on/off, input selector for each component, and send a signal to synchronize the status which you want without reference to the component's status.

Some XPRESS functions are preset at the factory to operate Sony brand components (see the table at right). However, depending on the factory preset code, they may not necessarily be effective.

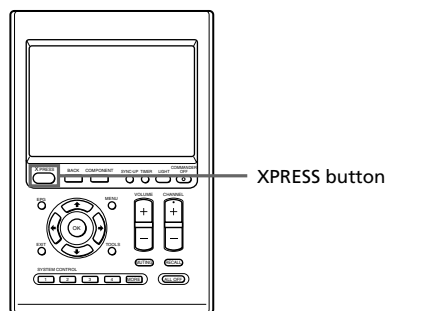
### Default XPRESS list

Displays on the Label keys	Programmed commands
TV	Turns on TV, and the display of XPRESS_TV appears.
A-CBL	Turns on TV and Analog cable box, and the display of XPRESS_A-CBL appears.
D-SAT	Turns on TV and Digital Satellite, and the display of XPRESS_D-SAT appears.
DVD	Turns on TV and DVD player, and the display of XPRESS_DVD appears.
VCR	Turns on TV and Video Cassette recorder, and the display of XPRESS_VCR appears.
DVR	Turns on TV and Digital Video Recorder, and the display of XPRESS_DVR appears.
CD	Turns on CD player and Receiver (Amplifier), and the display of XPRESS_CD appears.
RCVR	Turns on Receiver (Amplifier), and the display of XPRESS_RCVR appears.

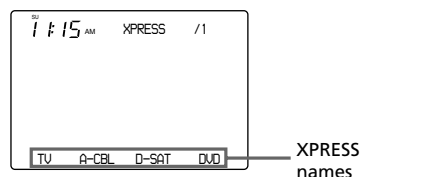
### How to set up an XPRESS function

For On-PC Set up: See the Help menu provided in "AX Remote Editor."  
For On-Remote Setup: You cannot set up an XPRESS function.

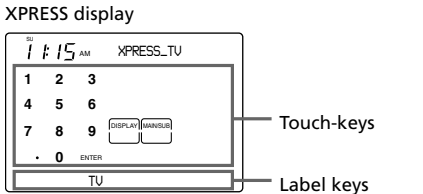
## Operating the XPRESS function



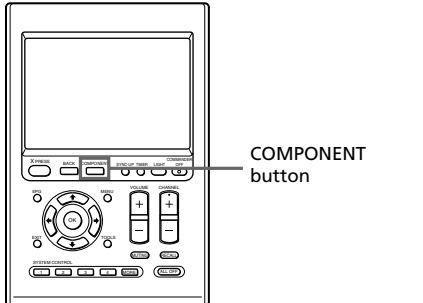
When you press an XPRESS button on the Remote Commander, the XPRESS names appear at the bottom of the display.



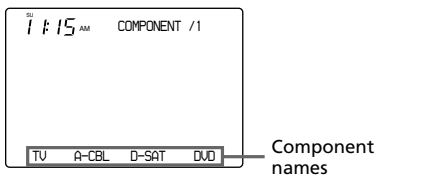
When you press an XPRESS name you want to operate, programmed commands for the key are performed and the display to operate the XPRESS function appears. This display is called, "XPRESS display." Keys on the XPRESS display are divided into two types—"Touch-keys" with preset labels and "Label keys" that can be customized. Touch-keys are used to execute an XPRESS function. Label keys are used to switch to the individual component displays that make up the XPRESS function.



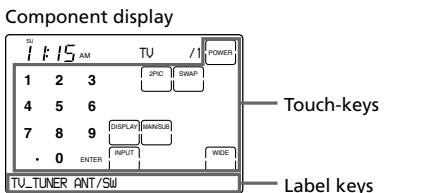
## Operating components individually



When you press the COMPONENT button on the Remote Commander, the component names appear at the bottom of the display.



When you press a component name you want to operate, the display to operate the component appears. This display is called "Component display." Keys on the Component display are divided into two types—"Touch-keys" with preset labels and "Label keys" that can be customized.

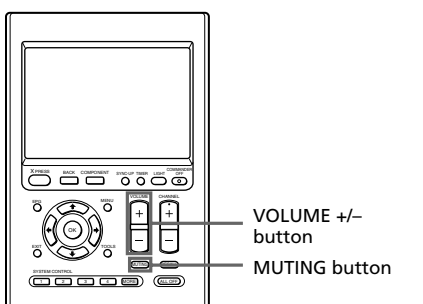


See "Table of preset functions" for the functions of keys and buttons for each component.

## How to register the components to the Remote Commander

You can register up to 16 components.  
For On-PC Setup: See the Help menu provided in "AX Remote Editor."  
For On-Remote Setup: See "Setting the preset codes" on the PDF file "Operating Instructions."

## To control the volume



Press the VOLUME +/- buttons to control the volume, and the MUTING button to silence. When you select a visual component, the TV's volume will be controlled; when you select an audio component, the amplifier's volume will be controlled.

## How to set the volume control of visual components

For On-PC Setup: See the Help menu provided in "AX Remote Editor."  
For On-Remote Setup: See "Controlling the volume of visual components connected to an audio component" on the PDF file "Operating Instructions."