

***Pioneer***

**SBX-B30**

Music Speaker Base

Discover the benefits of registering your product online at <http://www.pioneer.co.uk> (or <http://www.pioneer.eu>)

Operating Instructions

# Safety Information

*Thank you for buying this Pioneer product.*

*Please read through these operating instructions so you will know how to operate your model properly.*

*After you have finished reading the instructions, put them away in a safe place for future reference.*

## CAUTION

TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

D3-4-2-1-1\_B1\_En

## WARNING

This equipment is not waterproof. To prevent a fire or shock hazard, do not place any container filled with liquid near this equipment (such as a vase or flower pot) or expose it to dripping, splashing, rain or moisture.

D3-4-2-1-3\_A1\_En

## WARNING

To prevent a fire hazard, do not place any naked flame sources (such as a lighted candle) on the equipment.

D3-4-2-1-7a\_A1\_En

## VENTILATION CAUTION

When installing the unit, leave space of at least 10 cm at the sides and rear.

Furthermore, to facilitate good heat dissipation, make sure there is a little distance between the other devices.

When installing the unit in a rack or the like, leave space of at least 10 cm at the top, rear, and sides.

Internal heat buildup may cause a fire.

## WARNING

Slots and openings in the cabinet are provided for ventilation to ensure reliable operation of the product, and to protect it from overheating. To prevent fire hazard, the openings should never be blocked or covered with items (such as newspapers, table-cloths, curtains) or by operating the equipment on thick carpet or a bed.

D3-4-2-1-7b\*\_A1\_En

## WARNING

Store small parts out of the reach of children and infants. If accidentally swallowed, contact a doctor immediately.

D41-6-4\_A1\_En

## Operating Environment

Operating environment temperature and humidity: +5 °C to +35 °C (+41 °F to +95 °F); less than 85 %RH (cooling vents not blocked)

Do not install this unit in a poorly ventilated area, or in locations exposed to high humidity or direct sunlight (or strong artificial light)

D3-4-2-1-7c\*\_A1\_En

## CAUTION

The **⏻/I** switch on this unit will not completely shut off all power from the AC outlet. Since the power cord serves as the main disconnect device for the unit, you will need to unplug it from the AC outlet to shut down all power. Therefore, make sure the unit has been installed so that the power cord can be easily unplugged from the AC outlet in case of an accident. To avoid fire hazard, the power cord should also be unplugged from the AC outlet when left unused for a long period of time (for example, when on vacation).

D3-4-2-2-2a\*\_A1\_En

This product is for general household purposes. Any failure due to use for other than household purposes (such as long-term use for business purposes in a restaurant or use in a car or ship) and which requires repair will be charged for even during the warranty period.

K041\_A1\_En

## POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause a fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

S002\*\_A1\_En

## Information for users on collection and disposal of old equipment and used batteries

(Symbol for equipment)



These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points in accordance with your national legislation.

(Symbol examples for batteries)



By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items.



**These symbols are only valid in the European Union.**

**For countries outside the European Union:**

If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.

K058a\_A1\_En

### Radio wave caution

This unit uses a 2.4 GHz radio wave frequency, which is a band used by other wireless systems (Microwave ovens and Cordless phones, etc.). In this event noise appears in your television image, there is the possibility this unit (including products supported by this unit) is causing signal interference with the antenna input connector of your television, video, satellite tuner, etc. In this event, increase the distance between the antenna input connector and this unit (including products supported by this unit).

- Pioneer is not responsible for any malfunction of the compatible Pioneer product due to communication error/malfunctions associated with your network connection and/or your connected equipment. Please contact your Internet service provider or network device manufacturer.
- A separate contract with/payment to an Internet service provider is required to use the Internet.

# Table of Contents

## 1 Before you start

---

- 5 Introduction
  - 5 – Supplied accessories
  - 5 – Before using the remote control
  - 5 – Replacing the remote control battery
  - 6 – Operating range of remote control
  - 6 – Remote control
  - 7 – Rear panel
  - 7 – Front panel

## 2 Installing and Connecting the Unit

---

- 8 Installing the Unit
- 9 Connections with external device

## 3 Operations

---

- 10 Outputting the sound of a device connected to the unit
- 10 Enjoying the surround function
- 10 Listening to sound at nighttime
- 10 Automatically equalize volume level differences during playback
- 10 Making dialog in movies and vocals in music easy to hear
- 11 Adjusting the sound delay time (LIP SYNC (AUDIO SYNC))
- 11 Switching the power to standby mode automatically (Auto Power Off)
- 11 Enjoying music on *Bluetooth*® devices
  - 11 – Listening to music on *Bluetooth* devices

## 4 Other Functions

---

- 13 Controlling the unit with the TV remote control
  - 14 – Clearing the learning function
- 14 Restoring all settings to the default settings
- 14 PHASE CONTROL technology
- 15 Unit indicator operation
  - 15 – Volume
  - 15 – Sub Woofer Volume
  - 15 – MUTE
  - 15 – STATUS
  - 15 – LIP SYNC (AUDIO SYNC)

## 5 Troubleshooting and Other Information

---

- 16 Troubleshooting
  - 16 – Sound
  - 16 – *Bluetooth*
  - 17 – Others
- 18 Trademarks and licenses
- 19 Radio wave caution
- 19 Scope of operation
- 19 – Radio wave reflections
- 19 – Precautions regarding connections to products supported by this unit

## 6 Appendix

---

- 20 Specifications
  - 20 – Unit
  - 20 – Speakers
- 21 Maintenance
  - 21 – Handling the unit

## Chapter 1

# Before you start

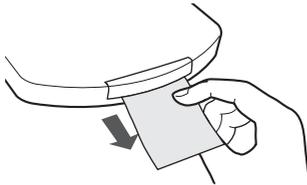
## Introduction

### Supplied accessories

- Remote control x 1
- Optical digital audio cable x 1 (1.5 m)
- Power cord
- Warranty
- Operating Instructions (this manual)

### Before using the remote control

The battery comes pre-inserted in the remote control. Pull out the insulation sheet before using the remote control.

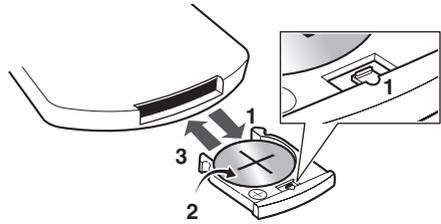


### Replacing the remote control battery

- 1. Pull out the battery holder while pressing the tab.**
- 2. Insert the lithium battery (CR2025 x1) correctly.**  
Insert the battery in the holder so that the + side is facing up.

### 3. Close the battery holder.

Close securely (a click should be heard).



The battery included with the unit have been provided to allow you to check product operation and may not last long.

### ! Warning

- Do not use or store the battery in direct sunlight or other excessively hot place, such as inside a car or near a heater. This can cause the battery to leak, overheat, explode or catch fire. It can also reduce the life or performance of the battery.
- Incorrect replacement of the lithium battery may result in an explosion. Only replace the battery with a battery that is the same or an equivalent type.
- The battery may have different voltages, even if they look similar. Do not use different kinds of the battery together.
- Do not heat the battery, disassemble them, or throw them into flames or water.

### ! Caution

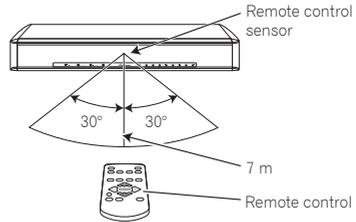
- When disposing of used the battery, please comply with governmental regulations or environmental public institution's rules that apply in your country/ area.
- To prevent leakage of battery fluid, remove the battery if you do not plan to use the remote control for a long period of time (1 month or more). If the fluid should leak, wipe it carefully off the inside of the case, then insert new battery. If a battery should leak and the fluid should get on your skin, flush it off with large quantities of water.
- To prevent an accident, store the battery out of the reach of infants and young children. If accidentally swallowed, contact a doctor immediately.

## Operating range of remote control

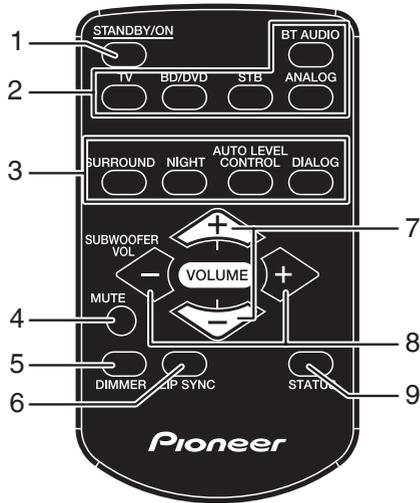
The remote control may not work properly if:

- There are obstacles between the remote control and the unit's remote sensor.
- Direct sunlight or fluorescent light is shining onto the remote sensor.
- The unit is located near a device that is emitting infrared rays.

- The unit is operated simultaneously with another infrared remote control unit.
- When learning function (page 13) is used to operate TV remote control, the operating range will differ depending on the performance of the TV remote control. (The operating range may be reduced.)



## Remote control



### 4 MUTE

Temporarily mutes the sound. Press again to restore the original volume.

### 5 DIMMER

Changes the brightness of the indicators on the front panel of the unit in three steps.

### 6 LIP SYNC (AUDIO SYNC)

Adjusts the lip sync function.

### 7 VOLUME

Adjusts the overall volume including the subwoofer volume.

### 8 SUBWOOFER VOL

Adjusts the subwoofer (bass sound) volume.

### 9 STATUS

Allows you to confirm the status of various settings.

### 1 STANDBY/ON

Turns the power of the unit on/off (standby mode).

### 2 Input Selection Buttons

Switches the input of the unit.

### 3 Sound setting buttons

#### SURROUND

Turns on/off the surround function.

#### NIGHT

Turns on/off the night function.

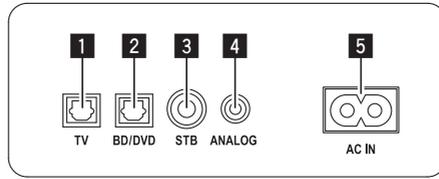
#### AUTO LEVEL CONTROL

Turns on/off the auto level control function.

#### DIALOG

Turns the dialog function on/off.

## Rear panel



### 1 Optical digital audio input 1 terminal (page 8)

Connect a TV or other device with an optical digital audio output.

### 2 Optical digital audio input 2 terminal (page 9)

Connect a BD, DVD, or CD player or other device with an optical digital audio output.

### 3 Coaxial digital audio input terminal (page 9)

Connect a satellite broadcast tuner or other device with a coaxial digital audio output.

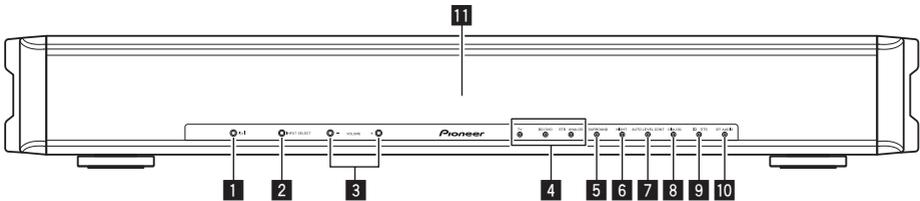
### 4 Analog audio input terminal (page 8) (3.5-mm stereo mini jack)

Connect a TV, portable audio player, or other device with an analog audio output.

### 5 AC IN terminal

Be sure to connect this last.

## Front panel



### 1 P/I

Turns the power of the unit on/off (standby mode).

### 2 INPUT SELECT

Switches the input.

### 3 VOLUME +/-

Adjusts the volume.

### 4 Input selection indicators

The indicator corresponding to the selected input is lit.

Green: TV, BD/DVD, STB

Orange: ANALOG

### 5 SURROUND indicator

Lit when the surround is on.

### 6 NIGHT indicator

Lit when the night function is on.

### 7 AUTO LEVEL CONT indicator

Lit when the auto level control function is on.

### 8 DIALOG indicator

Lit when the dialog function is on.

### 9 DTS indicator

Lit when any of the following audio formats is input.

Green: **Dolby Digital**

Red: **DTS**

Off: **PCM**

### 10 BT AUDIO indicator

Lit when connected with a *Bluetooth* device.

Flashes when not connected with a *Bluetooth* device.

Quick flashing: Pairing mode

Slow flashing: Connection standby mode

### 11 Remote control sensor

### ! Note

- Refer to page 15 for details on indicator displays.

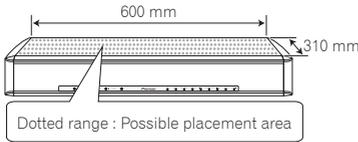
## Chapter 2

# Installing and Connecting the Unit

Before connecting the unit or changing the connections, be sure to turn off the power and disconnect the power cord from the outlet. Also, make sure you have finished connecting all cables before connecting the power cord to the wall outlet.

## Installing the Unit

If you are placing the unit directly under a TV, only place a TV of **40 kg** or less within the allowable placement area.



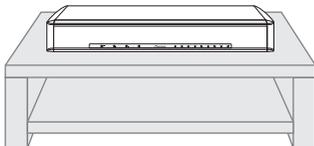
### ! Caution

- Do not place a TV stand on top that is larger than the placement possible area.



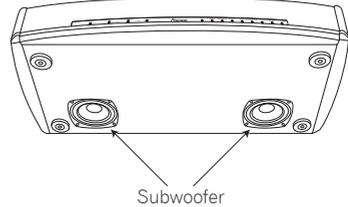
- Do not install the unit in an unstable place such as on an unsteady stand or tilted surface. The unit may fall or tip over, resulting in injury.
- The unit is not magnetically shielded and so should be used away from a cathode ray tube (CRT) TV or monitor. Also, do not place devices that are easily influenced by magnetism (magnetic cards, watches, video tapes, etc.) near the unit.
- Do not attach this unit to the wall or ceiling. It may fall off and cause injury.

### 1 Place the unit.



### ! Caution

- There are subwoofers located on the bottom of the unit. Make sure that there is nothing between the unit and the surface it is being placed on it.



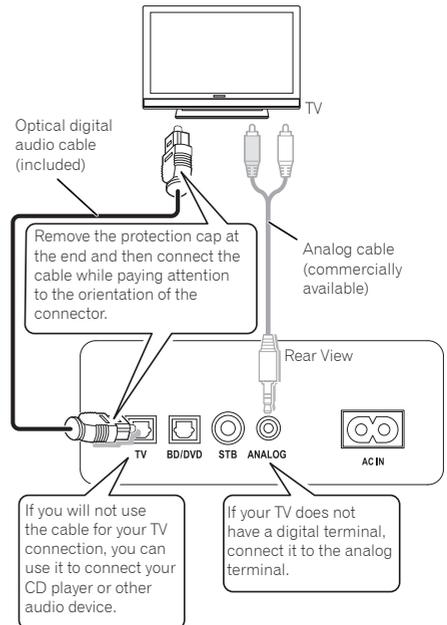
### 2 Wire the unit.

In order to make the wiring process as easy as possible, complete all wiring prior to placing the TV on top of the unit.

### 3 Place the TV on top of the unit, and then wire the TV.

To enable hearing of the TV audio with the unit, connect the supplied optical digital audio cable.

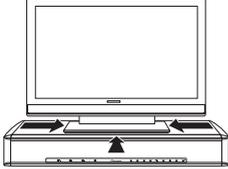
For a TV that only has an analog audio output terminal, connect the audio output of the TV and the analog terminal of the unit with a commercially available audio cable.



#### 4 Place the TV in its final position.

##### Caution

- Pioneer is not responsible for any accidents or damage that result from improper installation/mounting, incorrect use, modification, disaster, etc.
- Place the TV in the center of the unit.



- Place the TV so that its stand does not stick out over the unit.



- Place the unit so that it does not extend out over the TV rack, shelf etc.



- Refer to the operating instructions for your TV for methods to prevent the TV from tipping over or falling. Do not attach any parts intended to prevent the TV from tipping over or falling (such as belts etc.) to this unit. Doing so may cause damage to the unit, or result in fire or electric shock. Doing so may also mean the TV can tip over or fall, and being damaged or causing injury.

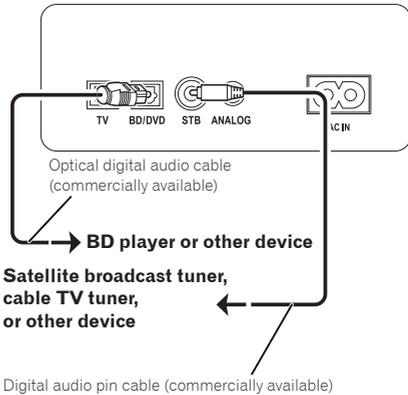
#### 5 Connect the power cord.

##### Note

- Some TVs have settings for digital audio output. For details, see the operating instructions for your TV.
- Set audio output from the built-in speakers of the TV to OFF. If this cannot be set, set the TV volume to the minimum level.

## Connections with external device

You can connect a playback device (BD, DVD, or CD player) with an optical digital audio output or a satellite broadcast tuner or other device with a coaxial digital audio output to the unit to enjoy the sound of that device.



##### Note

- An optical digital audio cable with a square plug can be connected to this unit.
- When an MPEG2-AAC (digital broadcast) signal is input to a digital audio input terminal, sound not be output.  
If sound is not output, switch the audio output of the device connected to the digital audio input terminal to PCM.  
For the switching procedure, refer to the operating instructions for the connected device.
- Some connected devices have settings for the digital audio output. For details, see the operating instructions for the specific playback device.

## Chapter 3

# Operations

## Outputting the sound of a device connected to the unit

The following describes the procedure up until listening to the sound of a device connected to the unit.

- 1 Turn on the power of the connected device.**
- 2 Press  STANDBY/ON or STANDBY/ON on the remote control to turn on the power of the unit.**
- 3 Press INPUT SELECT or an input selection button on the remote control.**  
Switch to the input you wish to play and then start playback on the connected device.
- 4 Press the VOLUME to adjust the volume.**  
To temporarily mute the sound, press the MUTE. Press the button again or adjust the volume to cancel mute.

### Caution

- When the unit is connected to a TV, set the volume to the minimum level or mute the sound. Also, if the TV speaker sound can be turned off in the settings menu of the TV, set it to OFF.

## Enjoying the surround function

Turn on the surround function to enjoy sound that has the realism of a live performance.

The default setting is OFF.

- 1 Press SURROUND to turn on the surround function.**  
When this is turned on, the SURROUND indicator lights green.

## Listening to sound at nighttime

This mode is suited to enjoying movies and other content with a low volume level at nighttime.

The default setting is OFF.

- 1 Press NIGHT to turn on the night function.**

When this is turned on, the NIGHT indicator lights green.

## Automatically equalize volume level differences during playback

The unit automatically equalizes volume level differences between tracks when playing music in stereo from a portable digital audio player and other sources.

The default setting is OFF.

- 1 Press AUTO LEVEL CONTROL to turn on the auto level control function.**

When this is turned on, the AUTO LEVEL CONTROL indicator lights green.

## Making dialog in movies and vocals in music easy to hear

This enhances the clarity of dialog in movies and vocals in music.

The default setting is OFF.

- 1 Press DIALOG to turn on the dialog function.**

When this is turned on, the DIALOG indicator lights green.

## Adjusting the sound delay time (LIP SYNC (AUDIO SYNC))

Adjust the sound delay time to sync the sound with the images.

The default setting is 0.

- 1 Press LIP SYNC for at least three seconds.**  
The unit enters lip sync adjustment mode.
- 2 Press VOLUME +/- to adjust the delay time (press + to increase the delay time).**  
The indicator lighting state varies depending on the setting value.  
For the indicator operation, refer to Unit indicator operation (page 15).
- 3 Press LIP SYNC to end lip sync adjustment mode.**

## Switching the power to standby mode automatically (Auto Power Off)

The unit can be automatically switched to standby mode when there is no signal and 20 minutes elapses without any operation being performed.

The default setting is ON.

- 1 Press  $\odot$ /I on the unit to turn off the power.**
- 2 Press  $\odot$ /I for at least three seconds while pressing VOLUME – on the unit.**  
When this is turned on, the  $\square$  /DTS indicator lights green.  
Perform the same operation again to turn the function off.

## Enjoying music on Bluetooth® devices

Music on *Bluetooth* devices such as the following can be enjoyed wirelessly with the unit.

- *Bluetooth* devices: Cell phone
- *Bluetooth* devices: Digital music player

- Devices without *Bluetooth* function: Digital music player + *Bluetooth* audio transmitter (commercially available)

## Listening to music on Bluetooth devices

### Pairing the unit and the Bluetooth device (initial registration)

Pairing is required to enjoy the music on a *Bluetooth* device with the unit. Perform pairing the first time you use a *Bluetooth* device or when the pairing data has been deleted from the *Bluetooth* device.

Before starting the pairing operation, check that the *Bluetooth* function on the *Bluetooth* device is turned on. For details, refer to the operating instructions for the *Bluetooth* device. Once the pairing operation is performed, it does not need to be performed again.

- 1 Press the BT AUDIO.**  
The BT AUDIO indicator flashes.
- 2 Perform the pairing operation on the Bluetooth device.**
  - When you search for the unit from the *Bluetooth* device, depending on the type of *Bluetooth* device, a list of connection (waiting) devices may be shown on the display of the *Bluetooth* device (the name shown for this unit on the display will be [SBX-B30]).
  - With *Bluetooth* version 2.0 or lower, a PIN code needs to be entered.
    - The PIN code of the unit is fixed to 0000.
- 3 The BT AUDIO indicator lights. Check that pairing between the unit and Bluetooth device was successful.**

The reception range between the *Bluetooth* device and unit is up to 10 m. (This value is for use in an open space. The reception range may vary depending on whether walls or other structures are present.)

### ! Note

- The pairing method may vary depending on the type of *Bluetooth* device.
- When five minutes elapse in pairing mode, the unit enters connection standby mode. To perform pairing again, press BT AUDIO on the remote control.

#### 4 Play music using your *Bluetooth* device.

For details on the playback procedure, see the operating instructions for your *Bluetooth* device.



##### Note

- The unit does not support the AVRCP function.
- The unit does not support the Mono Headset Profile (Hands Free Profile).
- *Bluetooth* devices cannot be controlled by the unit.
- Only one *Bluetooth* device can be connected to the unit at one time. Connection with multiple devices is not possible.
- The *Bluetooth* function may not be able to be used depending on the type of *Bluetooth* device (to play a *Bluetooth* device with the unit, the *Bluetooth* device needs to support the A2DP profile).
- The **BT AUDIO** indicator flashes when there is no *Bluetooth* connection.
- The audio may sound choppy if signals from other devices interfere with the connection.
- The *Bluetooth* connection will be lost if a malfunction occurs due to the effect of a device that operates in the same frequency, such as a medical device, microwave, or wireless LAN device.
- If communication is cut off because of objects between the *Bluetooth* device and the unit, the *Bluetooth* connection will be lost.
- Large distances between the *Bluetooth* device and the unit will result in poorer sound quality, and the connection will be cut off if the distance between the *Bluetooth* device and the unit exceeds the operating range.
- If the power of the unit is turned off, the connection with the *Bluetooth* device will be disconnected.

## Chapter 4

# Other Functions

## Controlling the unit with the TV remote control

The unit can learn TV remote control operation to enable operation of the unit with the TV remote control (learning function).

The following three functions can be operated with the TV remote control.

- Power on/off (standby mode)
- Volume down
- Volume up

### ! Note

- This function may not be supported depending on the TV remote control. If it is not supported, use the remote control supplied with the unit.

- 1 **Turn off the TV.**
- 2 **Press  $\phi$ /I on the unit to turn off the power.**
- 3 **Hold down both VOLUME + and VOLUME – on the unit for three seconds to enter remote learning setting mode.**

The indicators flash green and the unit enters remote learning setting mode.



### 4 Learning the three types of TV remote signal.

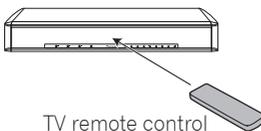
Learning switching between power on and off (standby mode).

- ① Press the  $\phi$ /I on the unit.

Only the unit's TV indicator will flash green.

- ② Within one minute, point the TV remote control at the remote control sensor on the unit and press **STANDBY/ON** twice. (The TV remote control signal needs to be received twice by the unit.)

The unit's TV indicator will change from flashing green to being constantly lit.



### ! Note

- If the green flashing continues then the learning has not been completed. Press the  $\phi$ /I on the unit again and repeat the procedure.
- The following are the potential causes of the indicator flashing red.
  - A signal from a type of TV remote control that cannot be learned : This TV is not supported.
  - If another button has already learned the same remote signal : First erase the already learned function.
  - If a signal from a different remote control was received during learning : Perform the operation again.

Learning volume down.

- ① Press **VOLUME –** on the unit.

- ② Within one minute, point the TV remote control at the remote control sensor on the unit and press **VOLUME –** twice.

The unit's BD/DVD indicator will change from flashing green to being constantly lit.

Learning volume up.

- ① Press **VOLUME +** on the unit.

- ② Within one minute, point the TV remote control at the remote control sensor on the unit and press **VOLUME +** twice.

The unit's STB ANALOG indicator will change from flashing green to being constantly lit.

- 5 **Hold down both VOLUME + and VOLUME – on the unit for three seconds to exit remote learning setting mode.**

### ! Caution

- If learning failed, perform the operation again while the power of the TV is off. The light from the TV screen may affect remote control learning.
- If the same operation is performed with a different TV remote control (or different buttons) after learning, the old functions will be overwritten with the new ones.
- If you use the remote control when the power states of the unit and TV are opposite after the unit has learned the TV power button, the function will not work properly. In this case, press  $\phi$ /I on the unit so that the power states of the unit and TV become the same before using the remote control.
- **The TV remote control signals may be received by and operate both the TV and the unit. Set one of the following.**
  - Set audio output from the built-in speakers of the TV to OFF.
  - Set the TV volume to the minimum level.

## Clearing the learning function

- 1 **Hold down both VOLUME+ and VOLUME- on the unit for three seconds to enter remote learning setting mode, and then hold down INPUT SELECT on the unit for three seconds.**

The indicators flash red and the learning function is cleared.

## Restoring all settings to the default settings

- 1 **Press  $\odot$ /I for at least three seconds while pressing INPUT SELECT on the unit when the power of the unit is on.**

All indicators light red and the default settings are restored.

### Caution

The learned TV remote control operations are also cleared.

## PHASE CONTROL technology

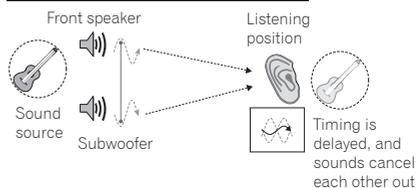
PHASE CONTROL technology is used with this unit.

During multi-channel playback in a typical home theater, the LFE (Low Frequency Effects) signals and low-pitched components contained in various channels are routed to the subwoofer or other optimum speaker. However, in principle, this routing process results in a frequency where the phase is shifted (group delay), leading to problems where the low-frequency sounds only arrive delayed or low-pitched sounds cancel each other out due to interference with other channels. The PHASE CONTROL technology in the unit is used to recreate powerful low-pitched sounds that are faithful to the original sounds.

The phase indicates the time relationship between two sound waves. Two sounds waves are said to be "in phase" if their peaks match up with each other, and the phases are said to be "out of phase" if their peaks do not match up.

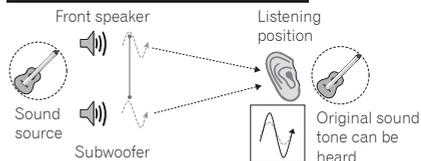
When the PHASE CONTROL technology is used, it can provide the following effects when the sound source is played back.

### No PHASE CONTROL technology



- Rhythm is out of phase and unclear
- Poor quality of low-pitched sounds
- Musical instruments have an unrealistic sound

### With PHASE CONTROL technology



- Clear rhythm
- Low-pitched sounds keep their quality
- Musical instruments have a realistic sound

### Note

- The PHASE CONTROL technology is always activated.



Phase Control technology is a trademark assigned to products that provide matching of the phase characteristics from recording to playback based on the PHASE CONTROL technology concept developed by PIONEER.

## Unit indicator operation

The indicators on the unit appear as follows depending on the state when each operation is performed.

Indicator color : Red ● , Green ● , Orange ● , Unlit ○

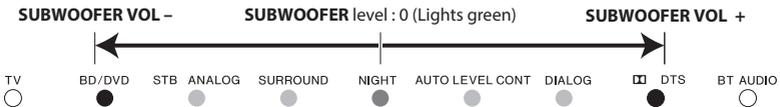
### Volume

- When **VOLUME +** is pressed, the indicators light orange sequentially.
- When **VOLUME -** is pressed, the indicators turn off sequentially.
- When the maximum value is reached, the **DTS** indicator lights red.



### Sub Woofer Volume

- When **SUBWOOFER VOL +/-** is pressed, the indicators light orange sequentially.
- When the maximum value is reached, the **DTS** indicator lights red.
- When the minimum value is reached, the **BD/DVD** indicator lights red.



### MUTE

- When **MUTE** is pressed, the indicators flash orange.



### STATUS

- When **STATUS** is pressed, the on/off statuses of various settings are indicated by the indicators (when a setting is on, the corresponding indicator is lit green).



### LIP SYNC (AUDIO SYNC)

- The **TV** and **BD/DVD** indicators are always lit green.
- When the **VOLUME +/-** are pressed, the **STB/ANALOG** to **DIALOG** indicators light orange or turn off to indicate the lip sync delay time.
- When the maximum value is reached, the **DIALOG** indicator lights red.



## Chapter 5 Troubleshooting and Other Information

### Troubleshooting

Incorrect operation is often mistaken for trouble or malfunction. If you think that there is something wrong with this component, check the points below. Sometimes the trouble may lie in another component. Inspect the other components and electrical appliances being used. If the trouble cannot be rectified even after checking the points below, ask your nearest Pioneer authorized service center or your dealer to carry out repair work.

#### Sound

Problem	Check	Remedy
<ul style="list-style-type: none"> <li>No sound is output.</li> <li>Sound is not output properly.</li> </ul>	Are the cables properly connected?	<ul style="list-style-type: none"> <li>Connect the cable properly according to the connected devices (page 9).</li> <li>Insert the cable firmly and all the way in.</li> <li>If there is any dirt on the connection plug and terminal, wipe it off.</li> </ul>
	Is the audio cable damaged?	If the cable is damaged, replace it with a new one.
	Are the connected components properly set?	Refer to the operating instructions of the connected components and then check, for example, the volume, input, and speaker settings.

#### Bluetooth

Problem	Check	Remedy
The <b>Bluetooth</b> wireless technology device cannot be connected.	Are objects that emit electromagnetic waves in the 2.4 GHz band (microwave oven, wireless LAN device or <b>Bluetooth</b> wireless technology apparatus) near the unit?	If such as an object is near the unit, set the unit far from it. Or, stop using the object emitting the electromagnetic waves.
	Is the <b>Bluetooth</b> wireless technology device too far from the unit or are obstructions set between the <b>Bluetooth</b> wireless technology device and the unit?	Set the <b>Bluetooth</b> wireless technology device and the unit so that the distance between them is within 10 m* and no obstructions exist between them. * The line-of-sight transmission distance is an estimate. Actual transmission distances supported may differ depending on surrounding condition.
	Is the <b>Bluetooth</b> wireless technology device set to the communication mode supporting the <b>Bluetooth</b> wireless technology?	Check the setting of the <b>Bluetooth</b> wireless technology device.
	Is pairing correct? Was the pairing setting deleted from this unit or <b>Bluetooth</b> wireless technology device?	Reset the pairing.
	Does a <b>Bluetooth</b> wireless technology device support A2DP profile?	Check that the profile is correct.

## Others

Problem	Check	Remedy
Power does not turned on.	Is the power cord properly connected?	<ul style="list-style-type: none"> <li>• Plug the power cord securely into the power outlet.</li> <li>• Unplug the power cord, wait several seconds, then plug the power cord back in.</li> </ul>
The unit's power turns off automatically.		If Auto Power Off is set, the unit's power automatically turns off. Check the Auto Power Off setting (page 11).
The unit cannot be operated.		Unplug the power cord, wait several seconds, then plug the power cord back in.
Cannot be operated with the remote control.	Are you operating the remote control from a point too far away from the unit?	Operate from within 7 m of the remote control sensor.
	Is the battery dead?	Replace the battery (page 5).
Settings I have made have been cleared.	<ul style="list-style-type: none"> <li>• Have you disconnected the power cord while the unit's power was on?</li> <li>• Has there been a power failure?</li> </ul>	Wait for at least 10 seconds after the unit display disappears and then make sure you press the <b>⏻/I</b> on the unit or the power button on the remote control before disconnecting the power cord. Be particularly careful when the power cord is connected to the AC outlet on another device because the unit turns off in conjunction with the device.
I want to adjust the brightness of the indicators.		Press the <b>DIMMER</b> on the remote and select the desired display brightness.
The input selection indicators are flashing red.		Before use, unplug the power cord, wait several seconds, then plug the power cord back in. If the problem is not resolved, contact the Pioneer Customer Support Center.
The unit becomes hot during use.		The temperature of the unit cabinet may increase slightly during use depending on the operating environment. This is not an indication of a malfunction so you can continue using the unit without worrying.
Turning up the unit's volume using the TV remote control causes sound to also come out of the TV. (Remote control learning function)	Is the audio output for the TV internal speakers set to off?	Turn the audio output for the TV internal speaker to off. If no such setting is possible, set the TV volume to the minimum again. If the volume of the unit is controlled using the remote control learning function, audio may also be output through the TV speakers, depending on the make of the TV.
Unable to have the unit learn the TV remote control.	Light fixtures or the TV may be interfering with the remote control sensor on the unit.	Change the direction of the light fixtures, or turn off the power to the TV, and then attempt the learning again. If the learning function still does not work, the remote control is not supported by the unit. Please control the unit using the supplied remote control.

## Trademarks and licenses

---



Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

Please see the Dolby Laboratories website for more details.

---



For DTS patents, see <http://patents.dts.com>. Manufactured under license from DTS Licensing Limited. DTS, the Symbol, & DTS and the Symbol together are registered trademarks, and DTS Digital Surround is a trademark of DTS, Inc. © DTS, Inc. All Rights Reserved.

---



The *Bluetooth*<sup>®</sup> word mark and logos are registered trademarks owned by *Bluetooth* SIG, Inc. and any use of such marks by PIONEER CORPORATION is under license. Other trademarks and trade names are those of their respective owners.

---

## Radio wave caution

This unit uses a 2.4 GHz radio wave frequency, which is a band used by other wireless systems (see list below). To prevent noise or interrupted communication, do not use this unit nearby such devices, or make sure these devices are switched off during use.

- Cordless phones
- Cordless facsimiles
- Microwave ovens
- Wireless LAN devices (IEEE802.11b/g)
- Wireless AV equipment
- Wireless controllers for game systems
- Microwave-based health aids
- Some baby monitors

Other, less common, equipment that may operate on the same frequency:

- Anti-theft systems
- Amateur radio stations (HAM)
- Warehouse logistic management systems
- Discrimination systems for train or emergency vehicles

### Note

- In the event noise appears in your television image, there is the possibility that a *Bluetooth* wireless technology enabled device or this unit (including products supported by this unit) are causing signal interference with the antenna input connector of your television, video, satellite tuner, etc. In this event, increase the distance between the antenna input connector and the *Bluetooth* wireless technology enabled device or this unit (including products supported by this unit).
- If there is something obstructing the path between this unit (including devices supported by this unit) and the device equipped with *Bluetooth* wireless technology (such as a metal door, concrete wall, or insulation containing tinfoil), you may need to change the location of your system to prevent signal noise and interruptions.

## Scope of operation

Use of this unit is limited to home use. (Transmission distances may be reduced depending on communication environment).

In the following locations, poor condition or inability to receive radio waves may cause the audio to be interrupted or stopped:

- In reinforced concrete buildings or steel framed or iron-framed buildings.
- Near large metallic furniture.
- In a crowd of people or near a building or obstacle.

- In a location exposed to the magnetic field, static electricity or radio wave interference from radio communication equipment using the same frequency band (2.4 GHz) as this unit, such as a 2.4 GHz wireless LAN device (IEEE802.11b/g) or microwave oven.
- If you live in a heavily populated residential area (apartment, townhouse, etc.) and if your neighbor's microwave is placed near your system, you may experience radio wave interference. If this occurs, move your unit to a different place. When the microwave is not in use, there will be no radio wave interference.

## Radio wave reflections

The radio waves received by this unit include the radio wave coming directly from the device equipped with *Bluetooth* wireless technology (direct wave) and waves coming from various directions due to reflections by walls, furniture and building (reflected waves). The reflected waves (due to obstacles and reflecting objects) further produce a variety of reflected waves as well as variation in reception condition depending on locations. If the audio cannot be received properly due to this phenomenon, try moving the location of the device equipped with *Bluetooth* wireless technology a little. Also note that audio may be interrupted due to the reflected waves when a person crosses or approaches the space between this unit and the device equipped with *Bluetooth* wireless technology.

## Precautions regarding connections to products supported by this unit

- Complete connections for all devices supported by this unit, including all audio cords and power cables before connecting them to this unit.
- After completing connections to this unit, check the audio and power cables to confirm that they not twisted together.
- When disconnecting this unit, confirm that you have sufficient working space in the surrounding area.
- When changing connections of audio or other cables for products supported by this unit, confirm that you have sufficient working space in the surrounding area.

## Chapter 6

# Appendix

## Specifications

### Unit

#### General

Power requirements .....	AC 100 V to 240 V, 50 Hz/60 Hz
Power consumption .....	36 W
In Standby mode.....	Less than 0.5 W
Dimensions (W × H × D).....	660 mm × 94 mm × 350 mm
Net Weight .....	7.9 kg
Operating temperature .....	5 °C to 35 °C
Operating humidity.....	85 % or less

#### Inputs/Outputs

DIGITAL IN (OPTICAL) .....	Optical jack x2
Coaxial digital input.....	RCA terminal x1
Analog input.....	3.5-mm stereo mini jack x1

#### Amplifier

Practical maximum output	
Total.....	130 W
Front.....	30 W + 30 W (10 % THD, 4 Ω)
Subwoofer .....	35 W + 35 W (10 % THD, 4 Ω)

#### Bluetooth

Version .....	Ver.2.1 + EDR
Transmission output.....	Class 2
Supported profile.....	A2DP
PIN code.....	0000

### Speakers

Playback frequency range .....	40 Hz to 20 kHz
--------------------------------	-----------------

#### Front

Type .....	Closed box type
Speakers.....	4 cm × 7 cm (cone type) × 2

#### Subwoofer

Type .....	Bass reflex type
Speakers.....	10 cm (cone type) × 2

- Design and specifications are subject to change without notice.
- All other product names, technology names, and company names contained in this document are trademarks or registered trademarks of PIONEER or their respective companies.

# Maintenance

## Handling the unit

### When shipping the unit

Please save the original shipping carton and packing materials. If you need to ship the unit, for maximum protection, re-pack the unit as it was originally packed at the factory.

### Keeping the exterior surfaces clean

- Do not use volatile liquids such as insecticide spray near the unit.
- Wiping with strong pressure may damage the surface.
- Do not leave rubber or plastic products in contact with the unit for a long period of time.

### Place of installation

- Do not place this unit on top of a TV or color monitor. Also install it away from cassette decks and other devices easily affected by magnetic forces.

### Avoid the following locations:

- Places exposed to direct sunlight
- Humid or poorly ventilated places
- Extremely hot places
- Places exposed to vibrations
- Places in which there is much dust or cigarette smoke
- Places exposed to soot, steam or heat (kitchens, etc.)

### Do not obstruct the ventilation holes.

Do not use this unit on shaggy rugs, beds, sofas, etc., or wrapped in cloth, etc. Doing so will prevent the heat from dispersing, leading to damage.

### Do not insert anything metallic or flammable into the ducts on the unit.

Doing so may result in fire or electric shock. Please be especially careful in households with small children.

### Do not expose to heat.

Do not place this unit on top of an amplifier or other component that generates heat. When rack mounting it, to avoid the heat given off by the amplifier or other audio component, place it on a shelf below the amplifier.

### About condensation

If this unit is moved suddenly from a cold place into a warm room (in winter, for example) or if the temperature in the room in which this unit is installed rises suddenly due to heater operation, etc., water droplets (condensation) may form inside (on operating parts and the lens). When condensation is present, this unit will not operate properly and playback is not possible. Let this unit stand at room temperature for 1 or 2 hours with the power turned on (the time depends on the extent of condensation). The water droplets will dissipate and playback will become possible. Condensation can also occur in the summer if this unit is directly exposed to the air flow from an air-conditioner. If this happens, move this unit to a different place.

### Cleaning the this unit

- Unplug the power cord from the power outlet when cleaning this unit.
- Clean this unit using a soft cloth.
- For tough dirt, apply some neutral detergent diluted in 5 to 6 parts water to a soft cloth, wring out thoroughly, wipe off the dirt, and then wipe again with a soft, dry cloth.
- Alcohol, thinner, benzene, insecticides, etc., could cause the print or paint to peel off. Also, leaving rubber or vinyl products in contact with this unit for long periods of time could mar the cabinet.
- When using chemical-impregnated wipes, etc., read the cautions included with the wipes carefully.

## Declaration of Conformity with regard to the R&TTE Directive 1999/5/EC

Manufacturer:

**PIONEER HOME ELECTRONICS CORPORATION**

1-1, Shin-ogura, Saiwai-ku,  
Kawasaki-shi, Kanagawa  
212-0031, Japan

EU Representative's:

**Pioneer Europe NV**

Haven 1087, Keetberglaan 1,  
9120 Melsele, Belgium  
<http://www.pioneer.eu>



### English:

Hereby, Pioneer, declares that this SBX-B30 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

### Suomi:

Pioneer vakuuttaa täten että SBX-B30 tyyppinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.

### Nederlands:

Hierbij verklaart Pioneer dat het toestel SBX-B30 in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG

### Français:

Par la présente Pioneer déclare que l'appareil SBX-B30 est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE

### Svenska:

Härmed intygar Pioneer att denna SBX-B30 står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.

### Dansk:

Undertegnede Pioneer erklærer herved, at følgende udstyr SBX-B30 overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF

### Deutsch:

Hiermit erklärt Pioneer, dass sich dieses SBX-B30 in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet". (BMW)

### Ελληνικά:

ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ Pioneer ΔΗΛΩΝΕΙ ΟΤΙ SBX-B30 ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ

### Italiano:

Con la presente Pioneer dichiara che questo SBX-B30 è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.

### Español:

Por medio de la presente Pioneer declara que el SBX-B30 cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE

**Português:**

Pioneer declara que este SBX-B30 está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.

**Čeština:**

Pioneer tímto prohlašuje, že tento SBX-B30 je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES

**Eesti:**

Käesolevaga kinnitab Pioneer seadme SBX-B30 vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.

**Magyar:**

Alulírott, Pioneer nyilatkozom, hogy a SBX-B30 megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.

**Latviešu valoda:**

Ar šo Pioneer deklarē, ka SBX-B30 atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.

**Lietuvių kalba:**

Šiuo Pioneer deklaruoja, kad šis SBX-B30 atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.

**Malti:**

Hawnhekk, Pioneer jiddikjara li dan SBX-B30 jikkonforma mal-htigijiet essenzjali u ma provvedimenti oħrajn relevanti li hemm fid-Direttiva 1999/5/EC

**Slovenčina:**

Pioneer týmto vyhlasuje, že SBX-B30 spĺňa základné požiadavky a všetky príslušné ustanovenia Smernice 1999/5/ES.

**Slovenščina:**

Pioneer izjavlja, da je ta SBX-B30 v skladu z bistvenimi zahtevami in ostalimi relevantnimi določili direktive 1999/5/ES.

**Română:**

Prin prezenta, Pioneer declara ca acest SBX-B30 este in conformitate cu cerintele esentiale si alte prevederi ale Directivei 1999/5/EU.

**български:**

С настоящето, Pioneer декларира, че този SBX-B30 отговаря на основните изисквания и други съответни постановления на Директива 1999/5/EC.

**Polski:**

Niniejszym Pioneer oświadcza, że SBX-B30 jest zgodny z zasadniczymi wymogami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/EC

**Norsk:**

Pioneer erklærer herved at utstyret SBX-B30 er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 1999/5/EF.

**Íslenska:**

Hér með lýsir Pioneer yfir því að SBX-B30 er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 1999/5/EC

**Hrvatski:**

Ovime tvrtka Pioneer izjavluje da je ovaj SBX-B30 u skladu osnovnim zahtjevima i ostalim odredbama Direktive 1999/5/EC.

<http://www.pioneer.co.uk>  
<http://www.pioneer.co.eu>

© 2014 PIONEER HOME ELECTRONICS CORPORATION.  
All rights reserved.

---

**PIONEER HOME ELECTRONICS CORPORATION**

1-1, Shin-ogura, Saiwai-ku, Kawasaki-shi, Kanagawa 212-0031, Japan

**PIONEER ELECTRONICS (USA) INC.**

P.O. BOX 1540, Long Beach, California 90801-1540, U.S.A. TEL: (800) 421-1404

**PIONEER ELECTRONICS OF CANADA, INC.**

340 Ferrier Street, Unit 2, Markham, Ontario L3R 2Z5, Canada TEL: 1-877-283-5901, 905-479-4411

**PIONEER EUROPE NV**

Haven 1087, Keetberglaan 1, B-9120 Melsele, Belgium TEL: 03/570.05.11

**PIONEER ELECTRONICS ASIACENTRE PTE. LTD.**

253 Alexandra Road, #04-01, Singapore 159936 TEL: 65-6472-7555

**PIONEER ELECTRONICS AUSTRALIA PTY. LTD.**

5 Arco Lane, Heatherton, Victoria, 3202, Australia, TEL: (03) 9586-6300

**PIONEER ELECTRONICS DE MEXICO S.A. DE C.V.**

Blvd.Manuel Avila Camacho 138 10 piso Col.Lomas de Chapultepec, Mexico, D.F. 11000 TEL: 55-9178-4270

K002\_B3\_En

Printed in China

<CQX1A1876Z>