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Operating Manual

Clearsounds® SW200

Shake Up Wake Up

Dual Alarm Clock &

Telephone Ring Signaler

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PRIOR TO USE

Congratulations on your purchase of the SW200 Shake Up Wake Up Alarm Clock from ClearSounds Communications®. Please read this User Manual carefully in order to get the best use out of your new product. Keep this manual near the telephone for easy reference.

Please visit our website at www.clearsounds.com to register your product, download additional manuals and review trouble-shooting tips.

Be sure to save your sales receipt as your proof of purchase should you need warranty service.

Warranty Service – This product is designed to provide years of quality service. However, if there is a malfunction, follow the warranty procedure on pages 19-20.

IMPORTANT SAFETY INSTRUCTIONS

When using your alarm clock, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to person, including the following:

WARNING: The SW200 Alarm Clock is capable of amplifying sounds to a loud volume. It is important to instruct all potential users of its proper operation.

WARNING: To avoid the possibility of electrical shock, do not use this product near water (For example, near a bathtub, wash basin, kitchen sink or laundry tub, in a wet basement or near a swimming pool) while in the bathtub or shower or when you are wet. If the clock becomes submerged in water, do not attempt to retrieve it until after you have unplugged the power cord and telephone line cord from the modular wall jack. Do not plug the product back in until it has dried completely.

WARNING: There may be a remote risk of electric shock from lightning. If the electrical storm is present in your immediate area, possibility of electrical shock exists.

WARNING: When cleaning, unplug the clock, and then use a damp cloth to wipe. Do not use liquid cleaners or aerosol cleaners.

WARNING: No product should ever be placed near an open radiator or heating register.

WARNING: Occasionally a power surge can occur on electrical lines without warning. With any electrical device that you plug into an outlet, it is suggested you use a surge protector. A surge protector will prevent power surges from damaging your phone. Surge protectors are simple devices available at your local hardware store.

WARNING: Do not overload wall outlets or extension cords as this can increase the risk of fire or electrical shock.

WARNING: Never push any object through the slots in the clock. They can touch dangerous voltage points or short out parts that could result in risk of fire or electrical shock.

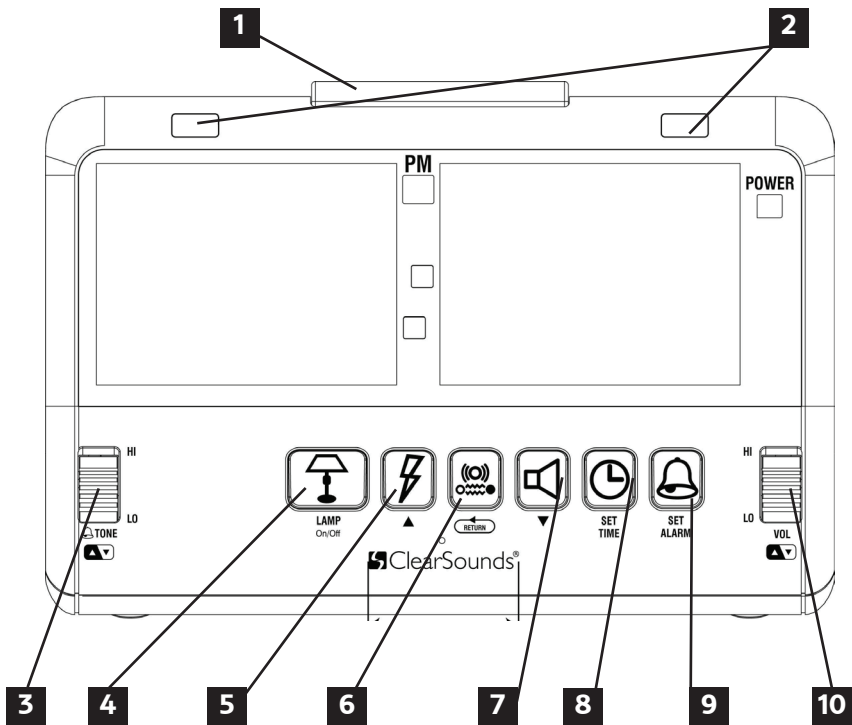
WARNING: Do not cover slots and opening on the units, they are needed for ventilation and protection against overheating.

WARNING: Alarm volume is very loud and can damage your hearing. Never put your ear close to the speaker.

IMPORTANT: YOUR RECEIPT IS PART OF YOUR WARRANTY AND MUST BE RETAINED AND PRODUCED IN THE EVENT OF A WARRANTY CLAIM.

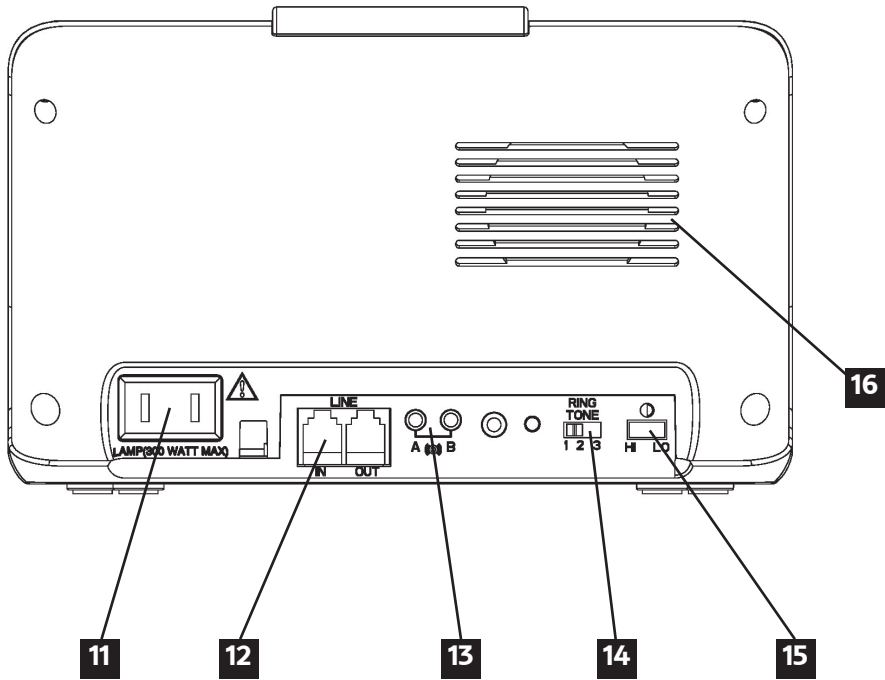
PLEASE SAVE THESE INSTRUCTIONS

LOCATION OF CONTROLS



1. Snooze Key
2. LED Flashers
3. Tone Control
4. Lamp On/Off Key
5. "Up" Key or LED Flash Activate Key*
6. "Return" Key or Shaker Activate Key*
7. "Down" Key or Sound Activate Key*
8. Time Set (12/24 Hour Selection or Time)
9. Alarm 1 & 2 Selection or Alarm On/Off Key
10. Volume Control

* These Keys perform dual functions



11. Lamp Outlet
12. Telephone Line IN/OUT jacks
13. Vibrating Pad Jacks
14. Telephone Ring Signaling Tone Selection
15. LCD Contrast Selection (HI-LO)
16. Speaker (Sound Ring Tone)

KEY DESCRIPTIONS



LAMP
On/Off

Lamp Key

Turns the connected lamp On/Off



LED Flash/Up Key

1. Activates/deactivates the LED Flash function
2. Use as the **Up** key when setting the time or alarm



Shaker/Return Key

1. Activates/deactivates the Shaker (Shake A and Shake B) function (requires vibrating pad)
2. Use as the **Return** (escape) key when setting the time or alarm



Sound Alarm/Down Key

1. Activates/deactivates the Sound Alarm function
2. Use as the **Down** key when setting the time or alarm



SET
TIME

Set Time Key

1. Use to set the time



SET
ALARM

Set Alarm Key

1. Use to set the alarm
2. Alarm "Off" key, use when the alarm sounds

INSTALLATION

Installation of your ClearSounds® SW200 Shake Up Wake Up Dual Alarm Clock is easy.

If at any time you have questions about your clock after reading this manual, please contact the ClearSounds® Customer Service Department at 1-800-965-9043.

■ PARTS CHECKLIST

Check the contents of the box - The SW200 should contain:

1. Alarm Clock
2. (1) Vibrating Pad
3. Telephone line cord
4. User's Manual

■ TO INSTALL:

1. Connect the AC power plug into a standard AC wall outlet or surge protector.
2. Optional: Connect the bed shaker(s) into the shaker jack(s) and place the shaker(s) under your pillow or mattress.
3. Optional: Connect a lamp to the lamp outlet.

The Shake Up Wake Up can be used as both an alarm clock and a telephone ring signaler (see page 15 for instructions on telephone ring signaling).


SETTINGS

LCD CONTRAST SETTING

To adjust the brightness of the display, simply move the Dimmer Control located on the back of your clock to HI or LO.

CONNECTING A LAMP

You are able to connect a lamp to the clock and use the lamp for room lighting and/or alarm clock notification.

1. Connect the lamp to the lamp outlet on the back of the clock.
2. Make sure the lamp is turned to the ON position.
3. Press  to turn the lamp On/Off.

Note: You will only use  to turn the lamp On/Off. Do not turn the lamp to the OFF position.

ALARM NOTIFICATION MODES AND ACTIVATION

You can adjust the type of notification that is desired. The available notifications for each alarm include: LED/optional Lamp Flashing, Sound (with 3 pattern options), and Vibrating Shaker (1 vibrating pad is included with the SW200). For each alarm, you can select a combination of the 3 notifications.

To activate each of the alarm functions and have them in "ready mode", simply press and hold the desired notification key until the blue backlight appears. To deactivate, press and hold until the blue backlight disappears. After having each function in "ready mode", you will be able to select the specific notification you desire for each alarm (see **Set the Alarm and Audible, Visual & Shaker Notification on page 13-14**).

LED/optional Lamp Flashing

Press and hold the **LED Flash**  key to activate the LED flasher function. If you have plugged a lamp into the clock, it will also flash when the alarm goes off.

Vibrating Pad Jacks

You can connect a vibrating pad to each of the vibrating pad jacks on the back of the clock. Jack **A** is used for Alarm 1 and Jack **B** is used for Alarm 2. Each shaker operates independently.

Simply plugging the shaker in to the jack and activating the shaker function will allow the shaker to vibrate during the scheduled alarm time.

Press and hold the **Shaker**  key to activate the shaker function.

SOUND ALARM

Adjustable Volume Control

The Volume control increases or decreases the loudness of the alarm, which can go as high as 87 dB. The volume control is adjustable for all 3 sound alarm patterns (see pg. 11 for more information about sound alarm patterns). To adjust the volume, roll the slide wheel up to make it louder and down to make it softer.

Adjustable Tone Control

The Tone control shapes the sound by changing the frequencies of the alarm. The tone control only works for sound alarm **Pattern 1** (see page 11 for more information about sound alarm patterns).

Sound Alarm Patterns

There are 3 alarm patterns you can select from if using the Sound Alarm. See **Set the Alarm and Sound, Visual & Shaker Notification** on page 13 for instructions on selecting the pattern for each alarm.

Pattern 1 (displayed as P1)

Traditional beep, fast speed, volume and tone control capable

Pattern 2 (displayed as P2)

Slow speed start that switches to fast speed, lower volume start that gets increasingly louder, volume control capable

Pattern 3 (displayed as P3)

Various patterns that change, lower volume start that gets increasingly louder, volume control capable

Press and hold the **Sound Alarm**  key to activate the sound alarm function.





OPERATION

SET THE TIME








If your clock is connected to the phone line and you subscribe to Caller ID service, the time will be automatically set when you receive a call.

You can also select a 12 or 24 hour mode. Please make sure to set the correct AM/PM time. A round light in the upper right of the clock display will appear for PM time. For AM time, the light does not appear.


To select 12 or 24 hour time

1. Press **Set Time**  and the display will show the current time mode (**12** or **24**).
2. Press **Up**  or **Down**  to change the mode.
3. Press **Return**  to save and exit.

To set the time














1. Press **Set Time**  twice and the current hour setting will blink.
2. Press **Up**  or **Down**  to change the hour. Keep pressing the key until you reach the desired hour.
3. Press **Set Time**  and the current minute setting will blink.
4. Press **Up**  or **Down**  to change the minute. Keep pressing the key until you reach the desired minute.
5. Press **Return**  to save and exit.










■ SET THE ALARM AND SOUND, VISUAL AND SHAKER NOTIFICATION

This clock offers 2 separate alarms that can be set for different times. Alarm 1 is displayed as 1 and Alarm 2 is displayed as 2. When either alarm is switched **On**, the blue backlighting will appear on the **Set Alarm**  key. The snooze bar will also light red when either alarm is switched **On**. If neither alarm is turned **On**, the snooze bar will not be lit.


Note: You must activate the alarm notification modes that you wish to use. See **Alarm Notification Modes and Activation** on pages 9-11.

To set your alarm

1. Press **Set Alarm**  and "1" will be blinking on the left side of the display.
2. Press **Up**  or **Down**  to select the alarm (alarm 1 or alarm 2) you want to set and then press **Set Alarm** .
3. The current On/Off status for that alarm will blink. Press **Up**  or **Down**  to select **On** or **Off** and then press **Set Alarm** .
4. The current alarm hour will blink. Press **Up**  or **Down**  to change the hour and then Press **Set Alarm** .
5. The current alarm minute will blink. Press **Up**  or **Down**  to change the minute and then Press **Set Alarm** .

6. The current On/Off selection for the Sound Alarm (r1=On/Off) will blink. Press **Up**  or **Down**  to select **On** or **Off** and then Press **Set Alarm** .
7. If you select **On**, the current pattern for the sound alarm (P1-P3) will blink (if selecting **Off**, skip to step 8). Press **Up**  or **Down**  to select the desired sound pattern and then Press **Set Alarm** .
8. The current On/Off selection for the LED/Lamp Flashing (F1=On/Off) will blink. Press **Up**  or **Down**  to select **On** or **Off** and then Press **Set Alarm** .


The alarm setting is now complete and will show the current time.

Please Note: At any point, you can press **Return**  to save and exit.

■ SNOOZE KEY


When your clock alarm activates, you can temporarily turn it off using the Snooze key. The Snooze key will stop the alarm for 5 minutes. After 5 minutes, the alarm will activate again. You can continue to press the Snooze key for a total of 1 hour after which the alarm mode will be automatically switched off. The Snooze key is located on the top of the clock.

■ ALARM OFF KEY

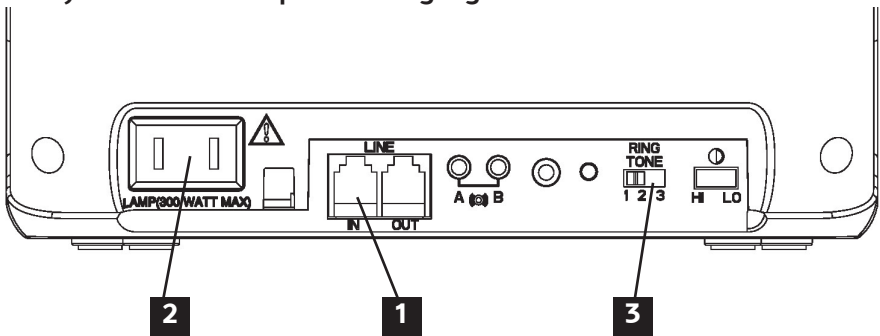
When your clock alarm activates, it will continue for 5 minutes if no key is pressed. If you press **Set Alarm** , the alarm will turn off and it will reset to activate at the same time the next day.

TELEPHONE RING SIGNALER

If you choose to connect the Shake Up Wake Up to your telephone line, it will notify you when there is an incoming phone call.

The sound ring selection is controlled by a separate switch located on the back of the clock. You must activate the **Sound Alarm**  key to activate the telephone sound ringer.

Additionally, any notifications that you have activated (LED flasher/lamp and shaker) for alarm clock notification will also alert you to the telephone ringing.



1. Connect one end of the included telephone cord to the LINE IN jack on the clock and connect the other end of the cord to the phone jack in the wall.
2. Make sure the AC power plug is connected to a standard AC wall outlet or surge protector.
3. Select Ring Tone 1-3 located on the back of the clock.
4. Be sure the notifications that you desire for telephone ring signaling (sound alarm, LED flasher/lamp, shaker) are activated.
5. **Optional:** Connect your telephone to the LINE OUT jack. This will allow you to use that telephone from the clock location.

When the clock alerts you to an incoming call, simply answer any phone and the alarm will stop. After you hang up, your clock is ready to alert the next call.

TECHNICAL SPECIFICATIONS

General Number: SW200
Amplification: Up to 87 dB

Features and Specifications subject to change without notice.

**To learn more, call ClearSounds at 1-800-965-9043
or visit www.clearsounds.com**

FCC WANTS YOU TO KNOW

1. This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier. If requested, this number must be provided to the telephone company.
2. If the ClearSounds® SW200 Shake Up Wake Up Dual Alarm Clock & Telephone Ring Signaler causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
3. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make necessary modification to maintain uninterrupted service.
4. If you experience trouble with this equipment, you should disconnect it from the network until the problem has been corrected or until you are sure that the equipment is not malfunctioning.
5. Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except as specified.

6. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.
7. If the telephone company requests information on what equipment is connected to their lines, inform them of:
 - a) The telephone number that this unit is connected to,
 - b) The ringer equivalence number
 - c) The USOC jack required [RJ11C], and
 - d) The FCC Registration Number

Items (b) and (d) are indicated on the label. The ringer equivalence number (REN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the RENs of all devices on any one line should not exceed five (5.0). If too many devices are attached, they may not ring properly.

Service Requirements

In the event of equipment malfunction, all repairs should be performed by our Company or an authorized agent. It is the responsibility of users requiring service to report the need for service to our Company or to one of our authorized agents. Service can be facilitated through our office at:

ClearSounds Communications, Inc.
1743 Quincy Avenue, Suite 155 Naperville, IL 60540 U.S.A

INDUSTRY CANADA CS03 STATEMENT

This product meets the applicable Industry Canada technical specification. This is confirmed by the registration number. The abbreviation, IC before the registration number signifies that registration was performed based on a Declaration of Conformity indicating that Industry Canada technical specifications were met. It does not imply that Industry Canada approved the equipment.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connections. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be made by an authorized Canadian maintenance facility designated by the supplier. Any repairs or alterations made by the user of this equipment, or equipment malfunctions, may give the telecommunication company cause to request the user to disconnect the equipment.

WARNING! Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or an electrician, as appropriate.

CAUTION: The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface.

The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5. An alternative indication of the REN is the Load Number (LN); this number should be divided by 20 to approximate the equivalent REN. The REN Number of this unit is indicated on the bottom of your phone.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of the SW200 does not disable alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone provider or a qualified installer.

This Class B digital apparatus complies with Canadian ICES-003.

LIMITED ONE-YEAR WARRANTY

The product is warranted by ClearSounds against manufacturing defect in material and workmanship under normal use for one (1) year from the date of purchase. Should you experience a problem, contact our customer service department or visit our website at www.clearsounds.com.

Be sure to save your sale receipt as the proof of purchase date should you need warranty service.

Your SW200 Alarm Clock comes with a (1) year limited warranty from the date of purchase. This product is warranted by ClearSounds against manufacturing defect in material and workmanship under normal use. In the event that this product fails to function properly within one year of the original purchase due to defects in materials or workmanship, return the unit (freight prepaid) with proof of purchase (sales receipt or packing slip, no exceptions) to ClearSounds Communications. ClearSounds Communications will either repair or replace the unit (with a refurbished unit or unit of equal condition) and return it you (using UPS/USPS ground shipping) at no cost to you. The warranty replacement or repair will be warranted for a period of 90 days or the remainder of the original warranty period (from original purchase date); whichever is longer.

The warranty does not cover accidents, negligence or breakage to any parts. This includes shipping damage, failure to follow instructions, misuse, fire, floods, use of incompatible accessories, Acts of God or failure in your phone service carrier's line service. The product must not be tampered with or taken apart by anyone who is not an authorized ClearSounds Communications® representative. Tampering with the phone will void any written or implied warranties.

If a defect covered by this warranty should occur, promptly contact a Customer Service Representative by phone or log onto www.clearsounds.com to obtain a Return Merchandise Authorization number and shipping instructions before

shipping the product to us. Any shipment without a (RMA) Return Merchandise Authorization number will not be accepted and will be returned to you at your expense. All authorized returned products must be accompanied with proof of purchase and a brief explanation of the problem.

For out of warranty repairs and service, please contact our Customer Service Department for instructions. The repair shall be warranted for 90 days.

IMPORTANT: YOUR RECEIPT IS PART OF YOUR WARRANTY AND MUST BE RETAINED AND PRODUCED IN THE EVENT OF A WARRANTY CLAIM.

Service in United States and Canada, contact:

ClearSounds Communications
Attention: Repair Center
1743 Quincy Avenue, Suite 155
Naperville, IL 60540
USA
800-965-9043

Check our website www.clearsounds.com for additional information and to download additional manuals and information.