IMPORTANT SAFETY INSTRUCTIONS
PLEASE READ AND SAVE THIS FOR FUTURE REFERENCE

AR *Acoustic Research*

user manual
guide de l'utilisateur

ARS20i

Made for
☐ iPod ☐ iPhone ☐ iPad

Conçu pour
☐ iPod ☐ iPhone ☐ iPad

EN/F
It is important to read this user manual prior to using your new product for the first time.
Nous vous recommandons de lire ce manuel avant d'utiliser votre nouveau produit pour la première fois.

⚠ THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.

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

⚠ THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.

SEE MARKING ON BOTTOM / BACK OF PRODUCT

Portable Cart Warning

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

Some of the following information may not apply to your particular product; however, as with any electronic product, precautions should be observed during handling and use.
• Read these instructions.
• Keep these instructions.
• Heed all warnings.
• Follow all instructions.
• Do not use this apparatus near water.
• Clean only with dry cloth.
• Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
• Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
• Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

• Only use attachments/accessories specified by the manufacturer.
• Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
• Unplug this apparatus during lightning storms or when unused for long periods of time.
• Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

ADDITIONAL SAFETY INFORMATION
• The AC/DC adapter supplied with this product is intended to be correctly oriented in a vertical or floor mount position.
• Do not use unauthorized chargers or power adapters. Use only chargers that came with your product or that is listed in the user's guide.

• Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
• Always leave sufficient space around the product for ventilation. Do not place product in or on a bed, rug, in a bookcase or cabinet that may prevent air flow through vent openings.
• Do not place lighted candles, cigarettes, cigars, etc. on the product.
• Care should be taken so that objects do not fall into the product.
• Do not attempt to disassemble the cabinet. This product does not contain customer serviceable components.
• The marking information is located at the bottom of apparatus.
• To be completely disconnect the power input, the AC/DC adaptor of apparatus shall be disconnected from the mains.
• AC/DC adaptor is a disconnect device. The AC/DC adaptor should not be obstructed OR should be easily accessed during intended use.
• The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.
• No naked flame sources such as lighted candled should be placed on the apparatus.

• Attention should be drawn to the environmental aspects of battery disposal.
• The use of apparatus in moderate climates.

WARNING: The battery (battery or batteries or battery pack) shall not be exposed to excessive heat such as sunshine, fire or the like.

Ecology
Help protect the environment - we recommend that you dispose of used batteries by putting them into specially designed receptacles.

CAUTION
Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Electrical power information
AC Adapter:
Input: 100 - 240 V AC 50/60 Hz, 0.8 A
Output: 9 V DC, 2.1 A

"**Made for iPod**", "**Made for iPhone**" and "**Made for iPad**" mean that an electronic accessory has been designed to connect specifically to iPod, iPhone or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

iPad, iPhone, iPod, iPod classic, iPod nano and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Please note that the use of this accessory with iPod, iPhone or iPad may affect wireless performance.
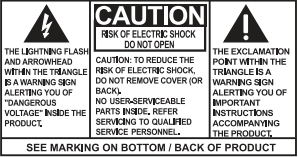

FCC Information

FCC Information
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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 into 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.

Changes or modifications not expressly approved by Audiovox could void the user's authority to operate the equipment.

This Class B digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Before you begin

The first time you dock your iPhone or iPod touch, you'll be prompted to download the free app "Acoustic Research N-able" from the iTunes store. You are encouraged to download and install this app (right on your iPad/iPhone/iPod) in order to enjoy the wide variety of features which are available with the app. Instructions on how to use the app can be found in the About section inside the app.

• App is for iPad, iPhone and iPod touch only (iOS 3.1.3 or higher).
• Note the Acoustic Research N-able App must be running and visible for proper operation of all the app features such as personalized alarms. Launch the app by touching the app icon on your iPad/iPhone/iPod either just before or just after docking.
• Refer to the User Guide found within the app for more detailed information.

Plugging in for power
• Connect the supplied power adapter to the unit's DC jack, and connect to a convenient wall outlet.
• Refer to the "Clock" section and follow the instructions to set the clock time.

Battery back-up operation
• This clock radio is equipped with a timekeeping system that is powered with battery (CR2025) (not included). The power failure protection circuit will not operate unless battery is installed.
• When normal household power is interrupted, or AC line cord is unplugged, the battery will power the clock radio to keep track of time and alarm settings programmed into memory.
• Normal operation will resume after AC power is restored so you will not have to reset the time or the alarm.

Note: It is recommended to replace the batteries at least once per year even if no power failures have occurred.

To install the battery:
1. Remove the screw on the battery door at the bottom of the unit.
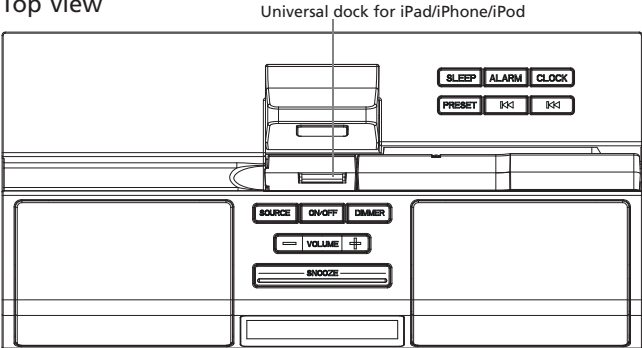2. Slide the battery door as the direction arrow indicates.
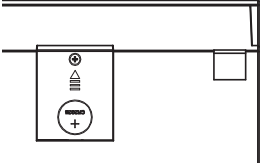
3. Take note on the battery polarity and place a CR2025 battery inside.
4. Replace the battery door and install the screw.

Power failure indicator
If you have not installed the button cell battery in the product, or the battery runs out while AC power is disconnected, all the settings (clock, FM presets, alarm) will be lost. After AC power is reconnected, the time on the LCD screen will flash to indicate that power was interrupted and you should readjust the time settings.

General controls

Top view
Universal dock for iPad/iPhone/iPod

[SLEEP] [ALARM] [CLOCK]
[PRESET] [I◀◀] [▶▶I]

[SOURCE] [ON-OFF] [DIMMER]
[− VOLUME +]
[SNOOZE]

SLEEP – Refer to "Sleep function"

ALARM – Activate or change alarm settings

CLOCK – Enter clock time setting mode

PRESET – Save radio stations as presets or recall the presets

I◀◀ or ▶▶I – Search radio frequencies; skip or search music file in iPad/iPhone/iPod; adjust clock time

SOURCE – Select different sound source

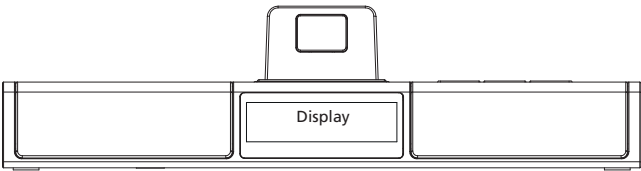**ON/OFF** – Switch on the unit or switch the unit to standby mode

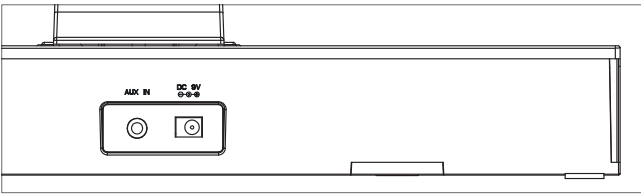**DIMMER** – Adjust display brightness

- VOLUME + – Adjust volume

SNOOZE – Turn off the wake function momentarily (9 minutes); turn off the current sleep timer

General controls

Front view

Display

Back view

AUX IN   DC 9V

DC 9V – Connect to the power adapter

AUX IN – Auxiliary input jack

Clock

You can set the clock by synchronizing the unit with iPad/iPhone/iPod or set the clock manually.

Setting clock with time sync
1. Dock in iPad/iPhone/iPod.

2. Press and hold **CLOCK**.

3. The time on the LCD screen will flash for few seconds. Your clock is now set.

> The time on your iPhone is provided by your mobile phone service. The time on your iPod is provided from iTunes during the last connection to your computer. Please note that it is possible to have up to 59 seconds time difference between the unit and your iPhone or iPod time display.

Setting clock manually
1. Press **CLOCK**,12h or 24h will be displayed. Press ◄◄ or ►► to select time format and press **CLOCK** to confirm.

2. The hour will flash. Press ◄◄ or ►► to set the hour and press **CLOCK** to confirm. Then the minute will flash. Press ◄◄ or ►► to set the minute.

3. To save and exit the clock setting, wait for about 5 seconds or press **CLOCK** to save the time.

Wake function

Set wake time
This unit allows 2 wake times to be set.
1. Press **ALARM** once to enable WAKE 1; press twice to enable WAKE 2; press 3 times to enable both WAKE 1 and WAKE 2; press **ALARM** the forth time to disable both Wakes.

2. After pressing **ALARM** once to enable WAKE 1, WAKE 1 icon (🔔 , 🎵 or 1🔲) will flash. Press and hold **ALARM** to enter WAKE 1 setting mode.

3. Press ◄◄ or ►► to set the hour.

4. Press **ALARM** to confirm and then minute will flash. Press ◄◄ or ►► to set the minute and press **ALARM** again to confirm. The time decrements or increments by a faster rate when you press and hold the button.

5. Press ◄◄ or ►► to select wake source:
🔔 – Wake 1 by alarm
🎵 – Wake 1 by radio
1🔲 – Wake 1 by iPad/iPhone/iPod
Press **ALARM** to confirm.

6. Press ◄◄ or ►► to select the alarm volume from 00 to 31 and press **ALARM** to confirm.
If Waking to Alarm (🔔, 🔔) **is selected:**
• Be sure to set the volume level high enough to wake you up.

If Waking to RADIO (🎵, 🎵) **is selected:**
• You will wake up to your most recently tuned radio station.
• Adjust the volume to your desired level.

If Waking to iPad/iPhone/iPod (1🔲, 2🔲) **is selected:**
• Adjust the volume to your desired level. The last played file on the iPad/iPhone/iPod will be played when the wake function activates.

7. After setting WAKE 1, press **ALARM** twice to enable WAKE 2. When the WAKE 2 icon is flashing, press and hold **ALARM** to enter WAKE 2 setting mode. Follow step 3 to step 6 to set WAKE 2.

> • If there is no iPod/iPhone connected, the alarm tone will sound instead even if Waking to iPod mode is selected.
> • When the wake function activates, the corresponding wake icon will flash until the wake function is turned off. The icon will then stop flashing, and then will remain lit.

Turn off the wake function
To silence the wake function momentarily:
• Press **SNOOZE**. The alarm will sound again when the snooze period (9 minutes) is over.

To stop the wake function:
• Press **ON/OFF**. The alarm will be on again the following day at the same time.

To disable the wake function completely:
• Press **ALARM** repeatedly until no corresponding wake indicator (🔔 , 🎵, 1🔲 or 🔔, 🎵, 2🔲) shows on the display.

Snooze
This operation allows extra sleep time after the wake function is on. The "quiet" period is 9 minutes. Snooze function can be used repeatedly up to 1 hour. After this, the wake function will turn off until the next day.

Sleep function

In the sleep mode, the radio, iPod or AUX mode can be set to operate for a certain period of time before turning off automatically.

To set the sleep time:
1. Press **SLEEP** repeatedly to cycle among the sleep time available (90min, 60min, 30min, 15min and OFF).
• The icon 💤 flashes while selecting.

2. When the desired sleep time is selected, release **SLEEP** and wait for about 5 seconds, the sleep time is now set.
• The icon 💤 lights on the display.

To change or check the remaining time in sleep mode:
• Press **SLEEP** once to check the remaining sleep time. Press **SLEEP** repeatedly to select another sleep time.

To turn off the unit before preset time
• To turn off the unit beofre the preset time, press **ON/OFF** or press **SNOOZE**.

To disable the sleep timer
• To disable the sleep timer and keep the unit playing, press **SLEEP** repeatedly until OFF is displayed.

Radio

Listening to the radio
To turn on or off radio:
1. Press **ON/OFF**. If you have selected AUX or iPod mode, then press **SOURCE** to select radio.
• The radio mode icon (🎵) lights on the display.
2. Press **ON/OFF** to turn off the radio, or press **SOURCE** to select AUX or iPod mode.

To tune frequency:
• Press ◄◄ or ►► . The selected frequency shows on the display.
• Press and hold to automatically search for the next available station.

Antenna
Extend the FM antenna on the rear panel to get the best reception.

When tuning in FM stations, you may notice that the station you are tuning can be well-tuned on two or three nearby points. Always tune carefully at the loudest and clearest point.

Station presets
To store a station as preset:
1. Tune to a radio station.

2. Press and hold **PRESET**.
• An available preset location (e.g. P 1) shows on the display.

3. Press ◄◄ or ►► to select a desired preset location (1-10).

4. Press **PRESET** to confirm.
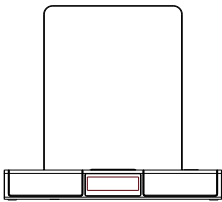• You can save up to 10 preset stations.

To recall a preset station:
In radio mode, press **PRESET**. The last selected preset location (e.g. P 1) will show on the display. Press ◄◄ or ►► to select a preset station. After 3 seconds, the selected radio channel will play.

iPad/iPhone/iPod
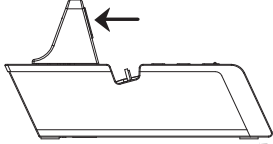
Listening to iPod/iPhone
To connect iPad/iPhone/iPod:
Dock in your iPad/iPhone/iPod vertically.

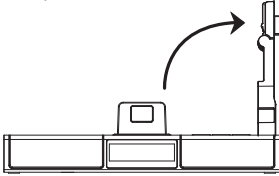Alternatively, you may dock in your iPad horizontally.
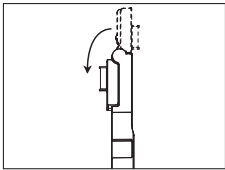1. Move the rear support piece backward.

> When moving the rear support piece it is recommended that you use two hands to ensure that even force while moving. Be careful not to apply force to the clock display when moving the rear support piece as this may cause damage to the display.
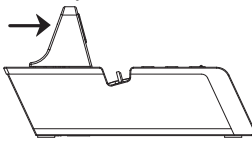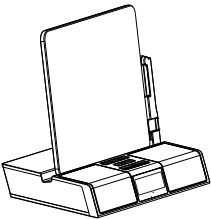
2. Put up the arm.

3. Rotate the connector down and lock it.

4. Be sure to move the rear support piece forward. Docking when the rear support piece is not in the correct position will place unnecessary, and possibly damaging strain on your connector.

5. Place your iPad horizontally into the recess and plug in the connector to your iPad.

6. To remove your iPad, repeat step 1 and then unplug your iPad from the connector. Unlock the connector and put back the arm to its original position.

To select iPod mode:
• Press **SOURCE** to select the iPod mode.
• The iPod mode icon (🔲) will light.
• Playback from the iPad/iPhone/iPod starts automatically.

To control the playback:
• Press ◄◄ or ►► to skip to the previous or next file.

• Press and hold ◄◄ or ►► to search backward or forward.

To charge the iPod/iPhone:
• You may charge the battery of your iPad/iPhone/iPod through the universal dock for iPad/iPhone/iPod while the unit is turned off (standby mode) or in the AUX, Radio or iPod mode. Charging control should be operated on the iPad/iPhone/iPod.

> Made for:
> • iPad 16GB, 32GB, 64GB
> • iPhone 4 16GB, 32GB
> • iPhone 3GS 8GB, 16GB, 32GB
> • iPhone 3G 8GB, 16GB
> • iPhone 4GB, 8GB,16GB
> • iPod touch 4th generation 8GB, 32GB, 64GB
> • iPod touch 3rd generation 32GB, 64GB
> • iPod touch 2nd generation 8GB, 16GB, 32GB
> • iPod touch 1st generation 8GB, 16GB, 32GB
> • iPod nano 6th generation 8GB, 16GB
> • iPod nano 5th generation 8GB or 16GB
> • iPod nano 4th generation (video) 8GB, 16GB
> • iPod nano 3rd generation (video) 4GB, 8GB
> • iPod nano 2nd generation (aluminum) 2GB, 4GB, 8GB
> • iPod nano 1GB, 2GB or 4GB

Auxiliary source

To select auxiliary mode:

1. Connect your auxiliary source (e.g. mp3 player) to the AUX input jack at the back of the unit with an audio cable (not supplied).

2. Press **SOURCE** to select AUX mode. The word **"AUX"** will light.

3. Adjust the auxiliary player to mid-range volume and adjust the master volume on the unit. Do not turn the volume of the auxiliary player too high as this may affect the sound quality. For other playback operations, control them on your auxiliary player.

Display brightness

Press **DIMMER** repeatedly to adjust the brightness level or turn off the back light.

When the unit is reconnected to the AC power, the display backlight will be readjusted. You can press **DIMMER** to adjust the brightness level again.

Warranty information

12 Month Limited Warranty Applies to AR Dock Products

AUDIOVOX ACCESSORIES CORP. (the Company) warrants to the original retail purchaser of this product that should this product or any part thereof, under normal use and conditions, be proven defective in material or workmanship within 12 months from the date of original purchase, such defect(s) will be repaired or replaced with reconditioned product (at the Company's option) without charge for parts and repair labor.

To obtain repair or replacement within the terms of this Warranty, the product is to be delivered with proof of warranty coverage (e.g. dated bill of sale), specification of defect(s), transportation prepaid, to the Company at the address shown below.

This Warranty does not extend to the elimination of externally generated static or noise, to correction of antenna problems, loss/interruptions of broadcast or internet service, to costs incurred for installation, removal or reinstallation of product, to corruptions caused by computer viruses, spyware or other malware, to loss of media, files, data or content, or to damage to tapes, discs, removable memory devices or cards, speakers, accessories, computers, computer peripherals, other media players, home networks or vehicle electrical systems.

This Warranty does not apply to any product or part thereof which, in the opinion of the Company, has suffered or been damaged through alteration, improper installation, mishandling, misuse, neglect, accident, or by removal or defacement of the factory serial number/bar code label(s). THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.

This Warranty is in lieu of all other express warranties or liabilities. ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY HEREUNDER INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY MUST BE BROUGHT WITHIN A PERIOD OF 24 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY. No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damage so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Recommendations before returning your product for a warranty claim:

• Properly pack your unit. Include any remotes, memory cards, cables, etc. which were originally provided with the product. However DO NOT return any removable batteries, even if batteries were included with the original purchase. We recommend using the original carton and packing materials. Ship to the address shown below.

• Note that product will be returned with factory default settings. Consumer will be responsible to restore any personal preference settings.

Audiovox Electronics Corp.
Attn: Service Department.
150 Marcus Blvd.
Hauppauge N.Y. 11788

1-800-645-4994

For Canada Customers, please ship to:
Audiovox Return Centre
c/o Genco
6685 Kennedy Road,
Unit#3, Door 16,
Mississauga, Ontario
L5T 3A5

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The descriptions and characteristics given in this document are given as a general indication and not as a guarantee. In order to provide the highest quality product possible, we reserve the right to make any improvement or modification without prior notice.

Visit **http://store.audiovox.com** to find the best accessories for your products.