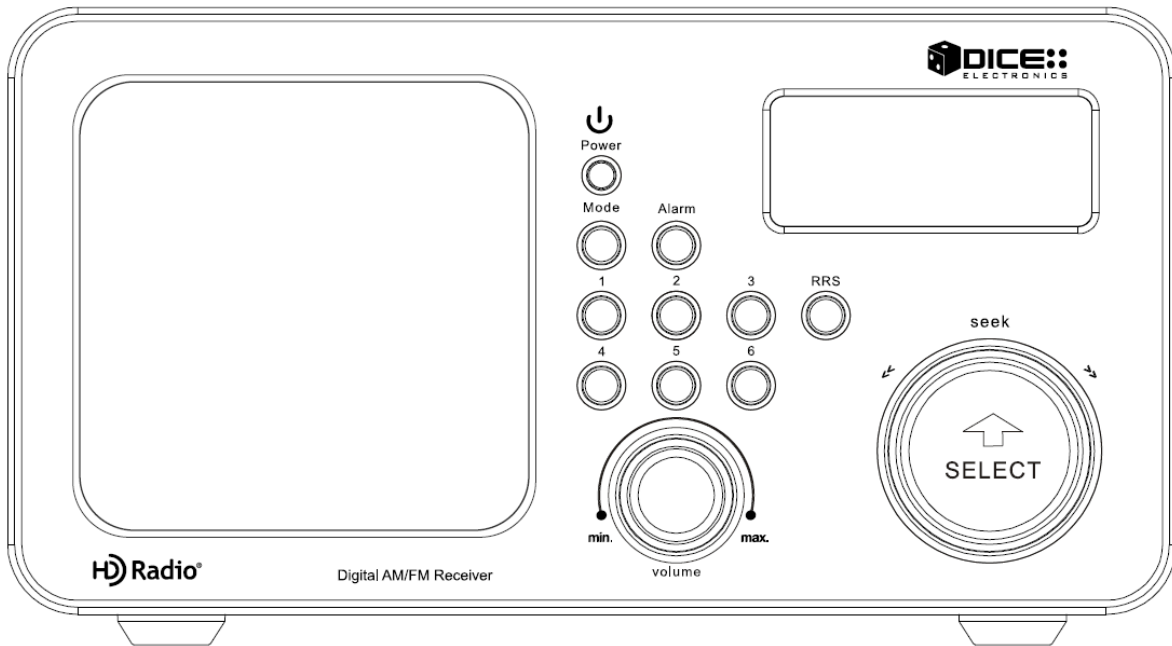


# INSTRUCTION MANUAL

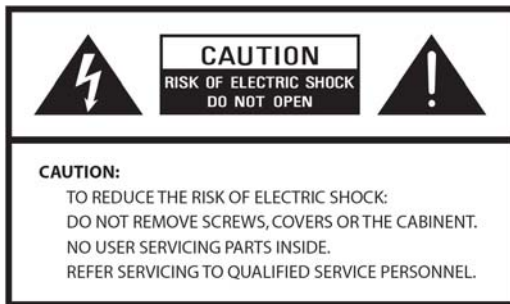


## Vision Free Accessible AM/FM HD Radio® With Radio Reading Service\*



\* Radio Reading Service on HD Radio available in select areas. To find a reading service in your area, please go to [www.iaais.org/findservices.html](http://www.iaais.org/findservices.html) for a nation listing of available services.

# Safety Information



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.**

## IMPORTANT SAFETY INSTRUCTIONS

To reduce the risk of electrical shock, fire, etc.:

1. Read these instructions.
2. Keep these Instructions.
3. Heed all Warnings.
4. Follow all instructions.
5. Do not use this radio near water.
6. Clean only with dry cloth. For stubborn stains, use a soft cloth dampened with a weak solution of mild detergent and water. Dry the radio immediately afterwards with a clean cloth. Do not use abrasive clothes, thinners, alcohol, or other chemical solvents, because they may damage the finish or remove the panel lettering.
7. Do not block any ventilation openings. The ventilation shall not be impeded by covering the ventilation openings with items, such as newspapers, table clothes, curtains, etc.
8. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding - type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. If the power cord is damaged, it must be repaired by a qualified repairer.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket or table specified by the manufacturer, or sold with the radio. When a cart is used, use caution when moving the cart/radio combination to avoid injury from tip-over.



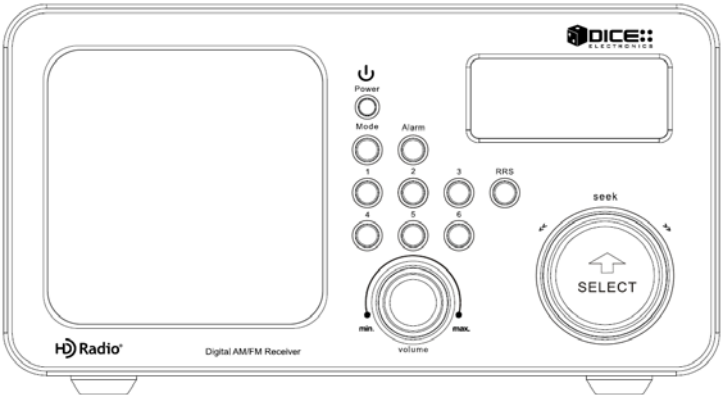

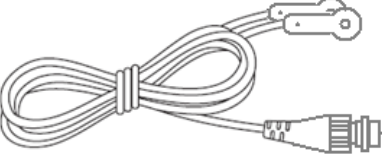
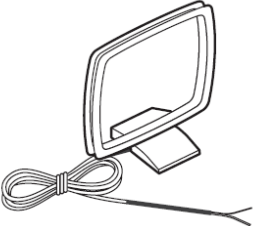
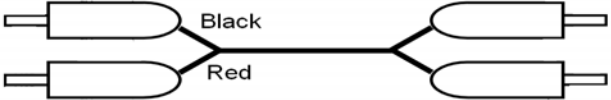

PORTABLE CART WARNING

13. Unplug this radio during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the radio 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 radio, the radio has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The radio should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the radio.
16. The main plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
17. Please read Rating Labels at the back of the unit for power input and other safety information.

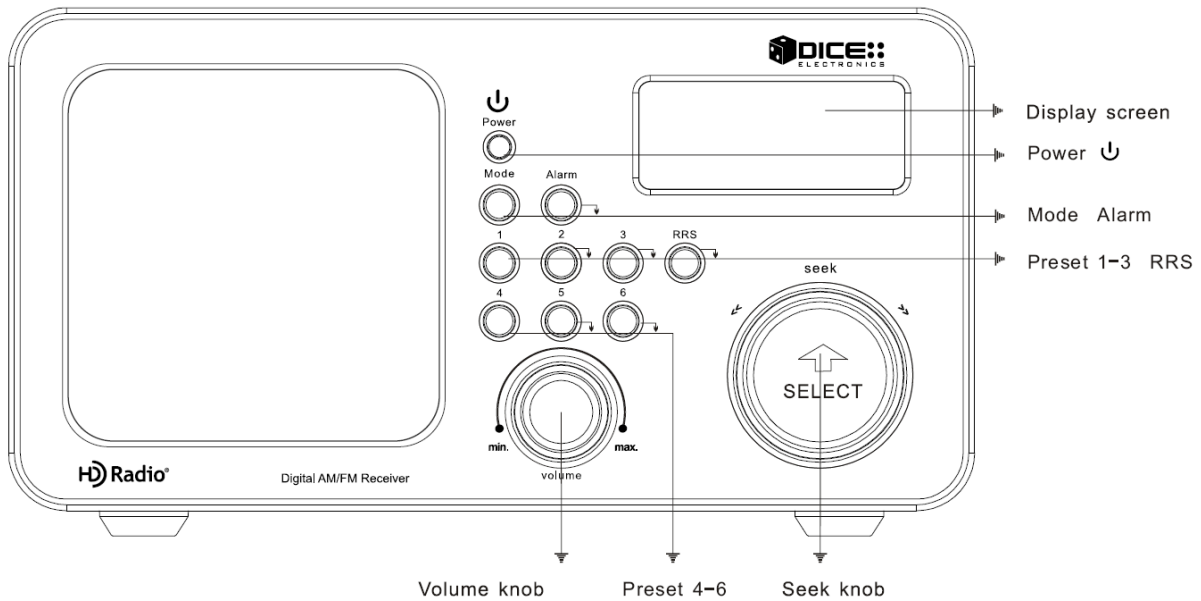
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# Package Contents

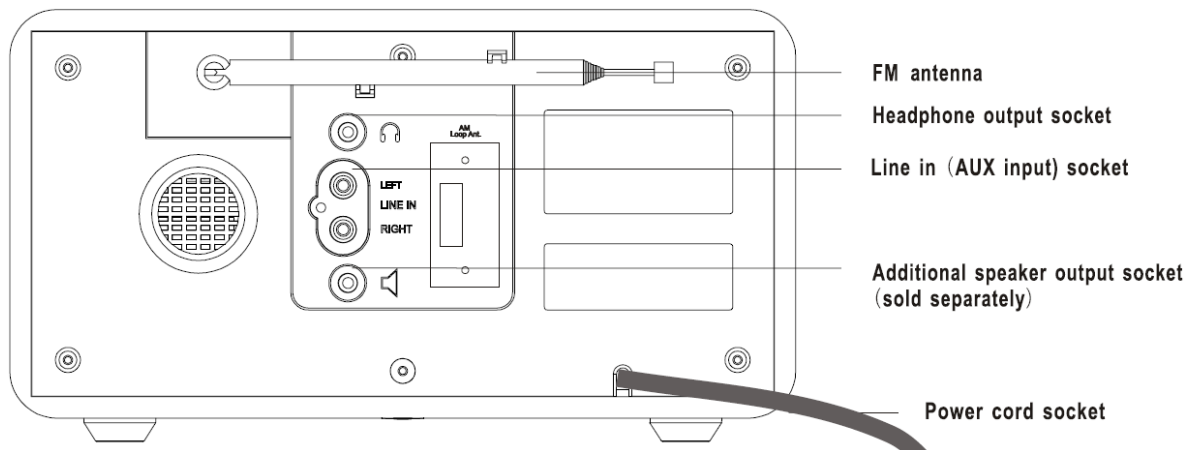
<p>Main Unit</p>	
<p>Instruction Manual</p>	
<p>FM Wire Antenna</p>	
<p>Loop AM Antenna</p>	
<p>Stereo RCA Cables</p>	
<p>Additional Speaker <b>SOLD SEPARATELY</b></p>	

# Front of Radio Overview



Control	All mode
	Press to turn Radio <u>on</u> or <u>off</u>
	Press and release to select among AM, FM and AUX mode (One press changes to next mode) Press and hold button to set clock then use tune-seek to select
	Press and hold to set Alarm, press and release to turn alarm on or off
	<b>FM and AM mode use only:</b> Press and hold button to save Preset station1 through 6 Press and release button to select saved Preset station1 through 6
	<b>Digital Radio Reading Service Search</b> <b>With FM mode selected:</b> Press to 'RRS HD Seeking...' (87.5 through 107.9MHz) <b>With AM mode selected:</b> Press to 'RRS HD Seeking...' (530 through 1710kHz) <b>With FM or AM mode selected:</b> Press and hold to show Radio Identification Number (Radio ID)
	Increase volume by turning the knob clockwise Decrease volume by turning the knob counter clockwise
	<b>Tuning and Seeking AM or FM Stations:</b> While in FM or AM mode, turn knob one click to tune specific radio stations, Turn knob several clicks to initiate 'Seeking mode'. Press and release knob to hear current station.

## Back of Radio Overview



## FM Antenna Replacement

The telescopic FM antenna is attached to the radio when packaged. If desired, this can be replaced with the FM wire antenna. To do so, reach into the antenna socket and unscrew the telescopic antenna. The wire antenna is attached using a friction force connector; therefore it can be easily installed by pressing its connector to the antenna socket.

# Turning on Radio and getting started

- ☑ **Note:** this radio is uniquely designed to provide a voice response for every action performed when controlling the radio.

Extend the FM antenna found on the rear of the HD Radio. Connect the AM Loop Antenna to the AM Loop antenna input on the back of the radio. Press the **Power** button to switch on and listen for **Power On** announcement.

On first use or after the power has been disconnected from the radio, the radio will announce **Please Set The Clock** (Please refer to page 12 for instructions on how to set the clock)

## Selecting Operation Mode

### **FM Mode**

Press and release the **Mode** button repeatedly until it indicates and announces FM:



### **AM Mode**

Press and release the **Mode** button repeatedly until it displays and announces AM:



### **AUX Mode**

Press and release the **MODE** button repeatedly until it shows up AUX on the display and announces **Auxiliary**:



- ☑ **Note:** To power off, push power button and unit will turn off and announce **Power Off**. If the alarm is set an announcement of the time of the alarm will be heard.

# Seeking for Stations in AM or FM mode

## A. Manually Tuning

1. If radio is not in AM or FM mode, press and release **Mode** button repeatedly to select AM or FM mode to make sure radio is in AM or FM mode.
2. While in FM mode, turn **SEEK knob** clockwise to increase 0.2 MHz per step or turn **SEEK knob** slowly counterclockwise to decrease 0.2 MHz per step.
3. While in AM mode, turn **SEEK knob** clockwise to increase 10 kHz per step or turn **SEEK knob** counterclockwise slowly to decrease 10 kHz per step.

Frequency announcement will be heard about 2 seconds after the last adjustment.

## B. Automatically Seeking

1. While radio is in AM or FM mode:
2. Rotate **SEEK knob** to hear SEEK announcement and view '**Seeking... SEEK**' on the display.



3. When an active station is available, it will automatically stop seeking and announce the station.



4. Once station is announced you may immediately turn knob one click to seek to the next station, radio will announce SEEK UP or SEEK DOWN depending on clockwise or counterclockwise rotation.

**Note:** If no stations are found the radio will announce Channel Not Available. It may be necessary to relocate your radio or reposition the antenna until a signal is found in your area.

# Seeking for HD Radio - Radio Reading Service Stations in FM mode

1. While radio is in FM mode:
2. Press and release the **RRS** button to seek for a Digital Radio Reading Service, Radio display and announce **RRS HD Seek UP then RRS HD Seeking'**. If no station is found the radio will announce **RRS HD Not Available**.



3. When an active HD Radio station with Digital Radio Reading Service is available, the radio will automatically stop seeking, and display and announce **RRS HD SEEK**, then try loading the available service and or program.



4. To seek to the next HD Radio station, press and release the **RRS** button again and radio will seek to the next available reading service.

- Note:** If no signal for a Radio Reading Service is found in your area, it may be necessary for you to relocate your radio for a better signal or contact your local Radio Reading Service station for further information.
- Note:** Access to the Digital Radio Reading service may not be available in your area. Access to the content is subject to eligibility and should be done through your local radio reading service. Radio Reading Services provide audio access to information to people who cannot read print because they have a disability

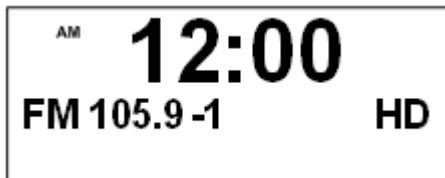
## Radio ID

Press and hold the **RRS** button to display and announce **Radio ID**. The radio will announce the specific Radio Identification number. You may need this number to have the Digital Radio Reading Service activated.

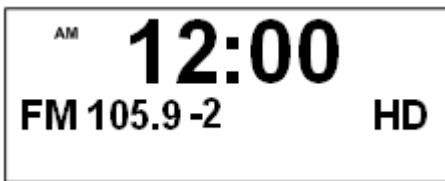


## Multicasting in AM or FM mode

The Vision Free HD Radio has multicast capability. This allows radio stations to have more than one station for a specific frequency. For each HD Radio station frequency there are up to eight available multicasts or additional stations. Most stations broadcasting with an HD Radio transmitter have at least one additional broadcast on what is referred to as HD2. The display will show the following and an announcement will be made stating **HD1 Acquired**. Once an HD1 is acquired you can tune the seek knob one turn to the right and listen for station identifier and announcement for **HD2 Acquired**:



Primary station



2<sup>nd</sup> HD radio station in FM 105.9

- ☑ **Note:** To find out what station is currently playing, press and release **SEEK knob** and radio will announce currently selected and displayed station and station call letters as well as HD if available.
- ☑ **Note:** If HD Radio signal is weak, Radio will announce **Weak HD Signal** indicating radio may need to be repositioned or **HD signal lost** is HD Radio transmission signal is too weak to maintain Digital HD Radio. Radio will revert to the analog signal if receiving HD1 station and will lose digital programming altogether if HD2, HD 3 or above is selected.
- ☑ **Note:** Radio will display and announce **linking** when tuned either directly to an HD multicast station or if tuning down the frequency and selecting an HD2 or 3 station first before tuning to the HD1 station.

# Setting AM or FM Station Presets

The Vision Free HD Radio can store six FM presets and six AM presets. To store the station you are currently listening to:

1. While radio is in AM or FM mode:
2. Press and hold one of **Preset buttons 1 through 6** until the present number is displayed and an announcement of **Preset 1 is Saved** or the number of the preset button that is pushed.



## Selecting a Preset AM or FM station

**To select a stored AM or FM station:**

1. Enter While radio is in AM or FM mode:
2. Press and release the corresponding **Preset button** to selecting preset station 1 through 6.  
The radio will load to that station and display and announce the selected station.

- Note:** Do not press and hold the preset button as it will write over the existing preset with the station you are currently listening to.

# AUX Mode

1. Press and release **Mode** repeatedly until it displays AUX and announces **Auxiliary**.



2. Using an auxiliary audio cable the Vision Free HD Radio can be used as a high quality audio speaker system. Plugging in an audio cable to the RCA jack can be used for listening to the audio from an MP3 player such as an Apple® iPod®.
  3. Connect one end of the audio cable (sold separately) to the audio output socket of your audio device (MP# Player, etc.) and the other end connect to the Stereo RCA Cable or LINE IN socket on the rear of your HD Radio.
  4. To gain optimal volume levels, adjust the output volume level on both the source device (example – MP3 Player) and on radio.
- Note: AUX IN allows quick and easy connection of an MP3 player or other external audio sources.

## Setting the Clock

1. Press and hold the **Mode** button, it will ask you to Set Time and then announce the hour shown on the radio display.
2. Rotate the **SEEK knob** to select the desired hour (number will be announced as **SEEK knob** is turned) then press and release the **SEEK knob** to confirm. Radio will then display and announce the minutes displayed.



3. Rotate the **SEEK knob** to select desired minutes the press and release **SEEK knob** to confirm. Radio will then display and announce either AM or PM as it is displayed.
4. Rotate the **SEEK knob** to select AM or PM then press and release **SEEK knob** to confirm. Radio will announce **Time Is Set** and then radio will announce current time as displayed on the radio.

## Setting the Alarm

1. Press and hold the **Alarm** button, radio will display current alarm setting. The radio will announce **Alarm is set to** and announce the current time the alarm is set to. Alarm mode is **FM** or **AM** or **BEEP**. Radio will announce **Set Alarm Mode**.
2. Rotate the **SEEK knob** to browse alarm mode options and select either FM, AM or BEEP then push and release **SEEK knob** to confirm mode. Radio will display and announce **Hour is the** specific hour selected. Example: Hour is 6 AM.



3. Rotate the **SEEK knob** to select hour. The currently displayed hour will be announced when you briefly pause turning the **SEEK knob**. When desired hour is reached press and release **SEEK knob** to confirm. Selected hour will be announced and.
4. While your ideal options shows up, press the **SEEK knob** to confirm, now it will you set the hour.



5. Rotate the **SEEK knob** to select AM or PM and then push and release **SEEK knob** to confirm. Alarm is now set and radio will announce selected alarm mode, selected time and then either alarm is off or alarm is on.
  6. To turn alarm on or off, push and release Alarm button. Radio will announce either **alarm on** or **alarm off** then radio will announce current time as displayed on the radio as well as display but not announce the current frequency.
  7. If alarm is set to alarm on the radio will announce alarm time is currently set for, announce time the alarm is set for.
- Note:** If alarm is set to wake up to AM or FM it will wake up to whatever AM or FM station was selected when the unit was turned off.

## Volume Control

Adjust the radio volume to the desired level by rotating the volume knob clockwise to increase the volume and counterclockwise to decrease the volume. No voice announcement will be heard as volume level can be set audibly.

# Specifications

ITEMS	DESCRIPTION
<b>Specifications:</b>	FM and AM Digital HD Radio
<b>Antenna:</b>	Telescoping FM antenna and separate AM loop antenna
<b>Audio Output:</b>	5Wrms
<b>Speaker:</b>	8ohm
<b>Headphone socket:</b>	32ohm
<b>Frequency Ranges:</b>	FM: 87.5 through 108MHz    AM : 530 through 1710kH
<b>LCD Display:</b>	High Resolution Display
<b>Power Supply:</b>	AC Power Input: 120V~60Hz /35W
<b>Dimension:</b>	250mm x 130mm x 130mm



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling electronics.

For more information, please contact the local authority or the retailer where you purchased the product.