

User Manual

Introduction

Thank you for purchasing our product and enjoy your new clock radio!

You may already be familiar with using a similar product, but do please take time to read these instructions-they have been written to ensure you get the very best from your purchase.

Safety instructions

Power source

- 110-240V AC 50-60Hz

Safety considerations

- Do not use the unit in humid or damp conditions.
- Do not allow the unit to get wet.

Servicing

- This unit contains no user serviceable parts.
- When servicing, refer to qualified service personnel.
- Consult your dealer if you are ever in doubt about the installation. Operation or safety of this product.

Packed with your Clock Internet Radio you should find:

- 1 WIFI Antenna
- 1 External Power Supply
- 1 “AA” Battery

Please contact your dealer or Fulljoin if any of these items are missing.

Getting Started

1. Insert the included “AA” Battery inside the rear battery compartment (observing correct polarity)
2. Push the rear “Time Set” button until the clock is set to the correct time.
3. Insert the external power supply’s connector into the rear power input and plug the other end into a wall outlet.

Troubleshooting

If you experience any trouble with your wireless internet radio, then you may find it useful to visit the help section on webpage:<http://radio.vtuner.com/>

If you have trouble connecting the radio to your wireless network, these steps may help to resolve the problem:

1. Confirm that the Wi-Fi connected PC can access the Internet (i.e. can browse the web) using the same network
2. Check that a DHCP server is available, or that you have configured a static IP address on the radio. To configure the DHCP, you must read the instructions supplied with the wireless access point.
3. Check your access point does not restrict connections to particular MAC address. You can view the radio's MAC address using the menu item configure->Network Configure->View Configure->MAC address.
4. If you have an encrypted network, check that you have entered the correct key or passphrase into the radio. Remember that text-format keys are case sensitive.

If your radio can connect to the network successfully, but is unable to play particular stations, it may be due to one of the following causes:

1. The station is not broadcasting at this time of the day(remember it may be located in a different time zone)
2. The station has reached the maximum allowed number of simultaneous listeners.
3. The station is not broadcasting anymore.
4. The link on the radio is out of date.
5. The Internet connection between the server(often located in a different country)and you is slow. Try using a PC to play back the stream via the broadcaster's web site. If you can play back the station with a PC, use the form at http://www.vtuner.com/stations/add_station.asp to notify us so that we can change the station data that is used by the radio.

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Safety Warnings

Please read before installation

If this internet radio has been moved from a cold place to a warm place, **DO NOT** plug it in for 2-3 hours.

(e.g. from a cold car boot to a warm room). There is a possibility that moisture may have condensed in the internet radio, this can cause damage to your internet radio. To avoid damage please unpack your internet radio and allow it to stand at room temperature for 2-3 hours before use. This will help any moisture evaporate and prevent unnecessary damage to your internet radio. Covers-Do not remove any fixed covers as this may expose dangerous voltages.

Weather-It is advisable to unplug an external aerial during a thunderstorm.

Ventilation-The ventilation holes on the casing of your internet radio prevent it from over heating. Do not block or cover these holes, especially with cloth or paper. It is recommended you leave a 10cm gap all around your internet radio.

Damage-Never use your internet radio if it is damaged in any way. Always place your internet radio on a flat level surface avoiding anywhere which may be subject to strong vibration.

Temperature-Avoid extremes of temperature, either hot or cold, place your internet radio well away from heat sources such as radiators or gas/electronic fires.

Moisture-Do not allow your internet radio to be exposed to rain, moisture or dust. If any liquid is split into your internet radio it can cause serious damage. If you spill any liquid into your internet radio switch it off at the mains immediately.

Caution-Do not open any covers and do not repair yourself. Qualified personnel must carry out repair work.

<Register>

This will display a key that can be used to register the radio on the vTuner Customer portal: <http://www.vTuner.com/>

Overview



Guide to Features

1. **Power or Sleep:** Power on/off the internet radio 开机/关机

Set the radio to a station you wish to fall asleep to and adjust the volume to the desired level. Press the Sleep button and the corresponding blue LED will light. The radio will turn off automatically after approximately 30 minutes. The LED will remain lit until the Sleep button is turned off.

2. **Back:** Go back to previous menu page.

3. **Select/ Enter:** To choose and confirm the options.

4. **Volume Mute:** Rotate the volume knob to the right to increase the volume or to the left to decrease the volume. This knob will also control the volume of headphones (not included) when connected. If the volume ever sounds distorted, reduce the level to prevent damage to the speaker.

5. **Adjustable LCD Screen.**

6. **Snooze** (Press the Volume Mute button to realize it): When the Alarm sounds, press, hold and then release the Snooze button to silence the Alarm for approximately 5 minutes. After 5 minutes, the alarm will automatically resume. The snooze time is not adjustable.

7. **Alarm:** Once you have set the wake-up time using the Alarm Thumbwheel, push this button in to activate the alarm and the corresponding blue LED will light. The LED will remain lit until the Alarm button is turned off. Push the Alarm button out to deactivate the alarm and the LED will extinguish. See” How to set the alarm” for more information.

8. **Alarm Thumbwheel:** Rotate the aluminum thumbwheel counterclockwise until the Alarm hand points to the designated time you wish to wake to. Do NOT turn the Thumbwheel clockwise or you may damage the mechanism. See” How to set the alarm” for more information.

10. **Time Set:** Briefly press and release this button to advance the hands in small increments. Press and hold this button to continuously advance the clock’s hands. Release the button when the clock is set properly. Be sure the alarm button is in the Off position when setting the time. See “How to set the clock”.

The Select Rotary Encoder is used to highlight different options when a menu screen is displayed. Clockwise rotation moves the highlight upwards and anti-clockwise moves the highlight downwards.

When a station is selected and the main screen shows, rotating this control will display a list of stations from which the current station was selected and allow the user to highlight a different station from the list.

Configure menu

Choosing the option you want from the Configure menu

1. Press the SELECT button.
(Note: if you make a mistake at any point. Press the BACK button to go to the previous screen.) Turn the knob until “configure” is displayed

“configure”

2. Press the SELECT button to choose the option shown on the display. The options are explained below.

<Network Config>

Enable you to scan again for connection to another wireless network, or to manually configure the network parameters. Use this if you take the internet radio to another building where you want to use it.这个选项<Network Config>

<Version>

Display the versions numbers of the various parts of software on your internet radio. <Upgrade Firmware>

Use this option to download new firmware for the radio from the vtuner portal on the internet. If there is new firmware available, then the radio will prompt you if you want to download it or not. Note, at this stage, you can press the radio’s BACK button to cancel the radio beginning a firmware upgrade A firmware upgrade may take several minutes, so do no switch off the power to the radio until the operation is complete otherwise the radio may become permanently damaged.

<Language>

Allow you to change the display language. The default language is English.

<Factory Reset>

Puts all the settings back to their defaults as they were when they left the factory, if you perform a factory reset on your radio will lose all your presets and your wireless network connection.

Internet Radio Quickstart Guide

What you need before you can use your internet radio

Before you can use your internet radio, you need the following:

- A broadband internet connection.
- A wireless access point (Wi-Fi) connected to your broadband internet, preferably via a router.
- If your wireless network is configured to use Wired Equivalent Privacy (WEP) or Wi-Fi protected Access (WPA) data encryption then you need to know the WPA code so you can get the internet radio to communicate with the network.
- If your wireless network is configured for trusted stations you will need to enter the radio’s MAC address into your wireless access point. To find the radio’s MAC address into your wireless access point. To find the radio’s MAC address use menu items as follows: Configure->View Configure->MAC address
- To enter the MAC address into your wireless access point, you must read the

instructions supplied with the wireless access point.

The internet radio should work anywhere within 100 meters of the wireless access point.

Before you continue, make sure that your wireless access point is powered up and connected to your broadband internet. To get this part of the system working you must read the instructions supplied with the access point.

Steps for connecting your radio to your wireless network

Step 1-Power up the radio

Press and hold the Power/Sleep Button for three seconds, until the display light up and show:

Fulljoin
Listen To The World

After a few seconds, this will change to show:

<Select network>
Fulljoin-clientele
Enter Network Name
Rescan

Choose the network you want to

Step 2-scan for a wireless network connection

1. When the display shows<Scan for networks>, press the SELECT button.
(Note: if you make a mistake at any point, press the BACK button to go back to the previous screen.)

2. The radio will now scan for all available wireless networks and will display:

Scanning

If it can't find one then the display will show:

No networks Found

If this happens, then you will have to get your wireless access point working-see the instructions supplied with it.

When the radio finds your wireless network, it displays the SSID for the access point on the screen-this is a name that is allocated to the access point by the person who set up the network

For example:

Fulljoin-clientele

It is possible, and in some locations highly likely, that your radio will find more than one wireless access point, in which case you can choose which one you want to connect to. Turn the knob on the radio to see the SSID each access point the radio has found.

Step 3-Connect to the wireless network

When the SSID for the access point you want to is displayed on the screen, press the Rotary Encode button, if your network is not configured to need an encryption code, the screen should show:

Select Network

Fulljoin –clientele
Enter Network Name
Rescan

Then press the <fulljoin-clientele>, the screen will show

<Key Option>
WPA Passphrase
WEP64 Key
WEP64 Passphrase
WEP128 Key
WEP128 Passphrase

The network is using one of the encryption systems: Wired Equivalent Privacy (WEP) or Wi-Fi Protected Access (WPA). You therefore need to enter the correct WEP or WPA code into the radio to get it to communicate with your network.

<Note: if you make mistake during the process, you should press the BACK button for 3 second to back to the previous menu.>

Then choose one of WEP or WPA to enter the code.

To enter a character use the **knob** to choose the first character and then press the **select** button, which moves the cursor on to the next character in the sequence.

When the last character in the sequence has been entered, press **select** for 2 seconds or longer in order for the code to be accepted. When the key has been

entered the RadioPro returns to the normal screen.

Important Note:

When the last character has been entered it is important to hold the **select** button for two seconds or longer or the code may not be accepted. A common mistake when entering the last digit of the security code is that the **select** button is not held down long enough.

Use the **BACK** button to erase incorrect characters.

After the final character, press **select** for 2 seconds or longer in order for the code to be accepted. The radio should now be able to connect to the network.

If the display shows “Invalid Key” or “Network Error”, an incorrect password has probably been entered.

<Note: if you make mistake during the process, you should press the **BACK** button for 3 seconds to back to the previous menu.>

Powering On For the First Time

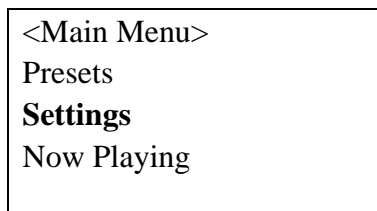
When the unit is powered on for the first time in a new network environment, the user is shown the welcome splash screen.

1. The RadioPro will then run through a simplified network setup wizard. The simplified network setup wizard will scan for networks, and then the user is presented with a network list.

2. Highlight the network you wish to connect to and press the **select** button.

3. A screen will appear on initial connection that asks if you want to make the selected network the default connection. Press the **select** button to confirm. If the network is secured, the user is then prompted to enter the network key. The RadioPro then returns the user to the normal screen, where connection sequence takes place.

The figures are as follows:



Highlight the **Settings** and press the **SELECT** button



Highlight the **Network** option and press the **select** button.

Scan for Networks

Highlight **Scan for Networks** and press the **select** button.

Fulljoin –cliente
Enter Network Name
Rescan

Key Options

Then enter the WEP or WPA code to connect to the network.

Playing a Radio Station

1. Press the **back** button to go to the main menu, highlight **All Stations** and press the **select** button.

Note:

The **All Stations** option is only available when RadioPro has established an internet connection and can access the vTuner portal.

The All Stations menu allows the user to search for a radio station either by the Location or the Genre of the station. In some cases, a list of Local stations will become available as well.

2. Select a search method and browse for the required station. Use the **select** and **back** buttons to navigate through the lists of stations.

Choosing a radio station to listen to

Press the Rotary Encode button.

(Note: if you make a mistake any point, press the BACK button to go back to the previous screen.)

2. Turn the knob to choose from <Location> or <Genre>

<Location>或<Genre>

<Location> enables you to choose from the radio stations provided by any country which you choose from a list.

<Location>

<Genre> enables you to choose radio stations according to their content, for example Classic, Rock, Sport, News, etc.

<Genre>

3. Press the Rotary Encode button to choose the option you want.

<Location>

1. Turn the knob until the display shows the region you want (or select 'All' to display all countries).

Press the Rotary Encode button.

Turn the knob until the display shows the station you want.

2. Press the Rotary Encode button and wait until the radio connects to that station.

Note that some radio stations do not broadcast 24 hours per day, and some stations are not always on-line.

<Genre>

1. Turn the knob until the display shows the type of content you want, then press the SELECT button.

2. Turn the knob until the display shows the station you want .

3. Press the SELECT button and wait until the radio connects to the station. Note that some radio stations do not broadcast 24 hours per day, and some stations are not always on-line.

If this station has on-demand content (that is , it gives the option of listening to programs which have already been broadcast), see “Stations which enable you to choose what you listen to”

Changing the volume

When a radio station is playing, you can change the volume simply by turning the Volume knob.

Playing a preset radio station When a radio is playing, briefly press button (1-5 seconds) for the station you want. (Note, do not hold the button down-if you do listen the station currently playing will overwrite the one stored in the preset; be careful.)

How To Set The Clock Set the hands to the correct time with the Time Set button, Push the Time Set Button in and release to move the hands in small increments or hold the button in to continuously advance the hands, Be sure the front panel alarm button is in the OFF position when adjusting the time.

How To Set The Alarm Rotate the alarm thumbwheel counter-clockwise and set the alarm hand to the approximate time you wish to wake to. **DO NOT TURN THE ALARM BEZEL CLOCKWISE OR YOU MAY DAMAGE THE MECHANISM.**

1. Press the Alarm button ON. The blue alarm LED will light and the radio sound will turn off. The radio will turn back on when the clock time roughly coincides with the setting of the alarm hand. If the Alarm is in the ON position and the source knob is in the OFF position, the tone will sound during the set wake-up time.

If the Alarm is in the ON position and there is a power failure, the tone will sound in lieu of the radio during the set wake-up time, provided a fresh battery is properly installed.

2. To turn the Alarm OFF, press the Alarm button again and the Alarm LED will extinguish.

Important Note: Due to the nature of the alarm thumbwheel's analog mechanism, which was designed for simplicity, there can be up to a five-minute deviation from when the alarm activates. For example, if the alarm is set for 10:00, it is possible it could activate at 9:55 or 10:05. We recommend you set the alarm early the first time you use it to accommodate for this. As you use your Model Three you will get a better idea of where you need to set the alarm in order to wake-up at the desired time.

Specifications

Model: DTS-Clock Internet Radio

Power Requirements-Mains AC 100-240 volts, 50/60Hz

Power Consumption: 10W

Speaker Output Level: 4W

Clock Battery: AA 1.5V Alkaline

Dimensions: 23.2cm W*13.6cm H*10.05cm D

Warranty

We manufacture the products to very high standards and we are confident our products will perform well. Accordingly, we warranty this product against manufacturing defects in material and workmanship to the original owner, for a period of one year from the original date of purchase. This warranty is non-transferable.

This warranty does not extend to damage caused by improper use/installation, faulty ancillary equipment, modifications, unauthorized repair, shipping damage or loss, abuse, accidents, use on improper voltage/current, power surges, lightning or other

acts of God, normal wear and tear, or commercial use. **Please consult the dealer from which you purchased this product for warranty service or repair. Proof of purchase may be required.**

Please resist the temptation to take apart this product. There are no user serviceable parts inside, and any attempt at modifying or repairing your unit will void the warranty.

Fulljoin will not pay for costs incurred due to correction of reception problems, elimination of externally generated static/noise, loss of time, inconvenience, loss of use of product, or damage caused by improper use of this product.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties or the exclusion of consequential damages, therefore, such restrictions may not apply to you.

If you purchased an extended service contract from your dealer and service is required after the manufacture's warranty has expired, please contact your dealer to obtain service.

For your convenience, you may register your product for warranty coverage on the web at www.full-join.com, or complete and return the enclosed warranty card within 30 days of purchase.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one 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.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Information to User

To assure continued compliance, (example - use only shielded interface cables when connecting to computer or peripheral devices) any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Only Coaxial cables are to be used with this device in order to ensure compliance with FCC emissions limits. Accessories connected to this device by the user must comply with FCC Class B limits. The manufacturer is not responsible for any interference which results from use of improper cables, or which results from unauthorized changes or modifications to the device. "A Minimum 26 AWG Line Core should be used for connection to the cable modem"

Important Note:

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.