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1. Introduction:

1.1 Background:

1.2 Product Support:

- ◆ support the global network of radio stations, Internet radio stations can be added through the network
- ◆ Support MP3 / WMA audio
- ◆ supports playback of most USB interface storage media (including USB interface for music player)
- ◆ support the Apple iPod products.
- ◆ display resolution 128X45 (128X64)

2. Function / Setting:

2.1 My mediaU:

Function Description: my mediaU radio network to provide users with the Web page set up on radio stations set up synchronization.

Operation: the main menu, select my mediaU, press Enter (or OK button, the same below) into.

Use the feature; take the following steps do first:

a. registered my mediaU account. Sign www.mediayou.net, click on "Add Member" registration mediaU account.

Registered good with my mediaU account login and password from the site. Click the page above "my mediaU" button to enter the relevant settings.

b. access to "my mediaU", you can add favorite radio stations, custom radio directory, the directory can add favorite radio stations.

And can be "my mediaU Device", by adding "device number" for network radio on the web page mediaU mediaU and synchronization.

"Installation serial number" is usually the machine's MAC address, network radio in the menu "Information -> System Information" which queries receive.

"Device Name" by user name.

c. Set and click "Save" button, the binding is successful, you can directly from the platform of "My mediaU" option into the operation,

(Without the platform and enter the account password). Obtained from the site collection list of the accounts mediaU can be played on its operation.

Note:

1. A mediaU account can bind up to two machines serial number.
2. A network radio can be more mediaU account binding. If the same radio network also bound by multiple mediaU account, Available to the main menu, Settings -> My mediaU management, press Enter key to select the default login account.
3. If the network connection is lost, you can not use my mediaU account can not view my mediaU the contents inside.

2.2 Internet Radio stations

Function Description: Network radio broadcast

Action: Main menu: select Internet radio stations, press Enter key to enter

2.2.1 Favorites

Function Description: For collection of the user's favorite radio station and directories. Most favorite: 250 radio stations and directories.

Operation: Network Radio mode, press the FAV key to enter, or the main menu: select Internet radio stations and press Enter key, select the Favorites

Related: In the Favorites list, presses Right, can the radio favorites make the following operation?

1. Recording (see recording settings)
2. Delete
3. Position move (move up to down)
4. Rename (Max characters = 40)
5. Play
6. Set alarm tone
7. Can enter the number keys "0-9" Select 1 to 250 favorite radio station or directory

Note:

1. in the station list, state radio, or the country / region and type of directory, press FAV key, the corresponding radio Add to Favorites or directory, press the UP / DOWN button (or press Enter key placed directly to the last position), can be moved and Replace the location of the project Favorites list, press the ENTER key to confirm, the item will be replaced automatically deleted.
2. Internet Radio mode, press FAV key, which can display favorite radio or directory

2.2.2 Radio / Music

Description: Internet radio list. Support of the Global Top 20 list, radio type, country / territory

Functional operation: radio list, press right, you can list on the network radio station proceed as follows.

1. Add to Favorites
2. Recording (see recording settings)
3. Down automatically scan (broadcast the current list of radio stations, each playing 30 seconds, the play order: down)
4. Up automatically scan (broadcast the current list of radio stations, each

playing 30 seconds, the play order: up)

Note: Scan, press the Enter key to stop scanning, to remain in the current broadcast station.

5. Play

6. Set alarm tone

2.2.3 Radio recently broadcast

Description: keep the last play of the radio position, you can save 10 stations, more than 10 radio stations, to increase the back of the new station will broadcast Save the most beginning the first radio station to eliminate. Select here to go directly to the latest radio.

2.2.4 Services:

a. Radio Search:

Description: Internet radio stations in alphabetical order for users to search for Internet radio stations.

Functional operation: radio list, press the Right key to proceed as follows.

1. Add to Favorites

2. Down automatically scan (broadcast the current list of radio stations, each playing 30 seconds, the play order: down)

Note: If you play down to the list the last one, then loop to the first station to broadcast, and then continue every 30 seconds down play. Scanning, press the Enter key to stop scanning, to remain in the current broadcast station.

3. Up automatically scan (broadcast the current list of radio stations, each playing 30 seconds, the play order: up)

Note: If you play up to the list first, then cycle to the last one to play, and then continue every 30 seconds up play. Scanning, press the Enter key to stop scanning, to remain in the current broadcast station.

4. Play

5. Set alarm tone

b. Add a new station:

Description: The user-defined input of new radio link, and add to "Favorites."

1. User Action: Network to add new radio stations → Services → → (enter a new radio station URL) → ENTER

2. User-defined input of new radio link, and add to "My Favorites." (Maximum input characters: 250)

3. Character input table:

Key "0" - 0, 'DEL'

Key "1" - 1, @, 33 punctuation marks such as spaces, !, ", #, \$, %, &, ', (,), *, +

Key "2" - 2, A, B, C, a, b, c
Key "3" - 3, D, E, F, d, e, f
Key "4" - 4, G, H, I, g, h, i
Key "5" - 5, J, K, L, j, k, l
Key "6" - 6, M, N, O, m, n, o
Key "7" - 7, P, Q, R, S, p, q, r, s
Key "8" - 8, T, U, V, t, u, v

Note: If the machine or the remote control is not the number keys, you can UP / DOWN to achieve the character of the cycle show After the selected character, press the right arrow keys to enter the next character, all characters entered correctly, press ENTER to confirm. If you find that you need to change the previous character input, press the left arrow keys to move the cursor to that location, through the UP / DOWN or The number keys to change the character, change is complete, press the right arrow keys to move the cursor to the next character to enter the location. To delete a character, first move the cursor to be? In addition to the character position, press "0" or by UP / DOWN buttons select "DEL" character, then remove the cursor can be deleted.

2.2.5 Recording:

Description: You can achieve the recording operation of the network radio programs Action: List of radio stations, press the Right button, select "Recording" and press Right / Enter key, the following menu to select recording time Press the Enter key to start recording, when recording a recording mark upper right corner of the display (rotation display and storage device mark).

1. Recording: No time limit for recording
2. Limited recording (30 minutes): Set the recording time of 30 minutes
3. Limited recording (60 minutes): Set the recording time of 60 minutes
4. Limited recording (90 minutes): Set the recording time of 90 minutes
5. Limited recording (120 minutes): Set the recording time of 120 minutes

Note:

1. Only the user plugged in U disk or SD card, can be recorded.
2. In the station list or radio when in playback interface, you can press the remote control or the panel on the REC button to record Operation; at Play interface and recording status, press Enter key or the REC button to stop recording.
3. Storage path see recording settings:

2.3 Media Center

2.3.1 Storage

Description: Visit the U-disk and insert the SD card function operation: (you can file on the memory card in the operation)

Support for playback and delete file operations.

Operation: main menu, Media Center -> Save Device”

Note:

- 1) This device supports MP3, WMA audio format playback
- 2) If the recording process, not the U disk or SD card removal.

2.3.2 UPNP

Description: PC access through the network to share files, settings on the PC, UPnP, sees the relevant information.

Note: Supported audio formats MP3, WMA

2.4 IPOD

Description: Connect iPod devices, and support the operation of iPod and broadcast.

Function operation:

1. Multicast into the iPod, it will automatically switch to the iPod screen.
2. Unplug iPod, switch back to the main menu.
3. If the iPod has been plugged in and then boot, it will automatically switch to the iPod screen. Press "DOWN" "UP" "LEFT" "RIGHT" "ENTER" key devices such as iPod can be directly manipulated.

Note: In standby, the automatic detection of the shield.

2.5. Information Center

2.5.1 Weather

Description: The entry interface to view weather around the world, weather forecasts? Can be added to the standby display.

Action: Main menu: Information Center -> Weather Information -> region -> country -> city, to change the city by ENTER display weather information, Then press ENTER will set the city show the city weather standby

Related actions:

1. Press the right -> key or ENTER key to ask if added to the standby display, press the ENTER key is added to the standby display.
2. in standby, if you have open? Weather forecast every 10 seconds while the "current time" and the "current weather" will switch display; At this point, press "Enter" key is also available on the "current time" and the "current weather" switches shows.

Note:

1. Standby display weather information, will maintain the network connection,

the standby power consumption does not show weather information than when Power to large.

2. Weather information can be displayed on that day and the 4-day weather forecast "LEFT" "RIGHT" key to Show the day before / day after the weather.

2.5.2 Financial information

Description: Show some major world stock exchanges index information

Action: Main menu: Information Center -> financial information, press ENTER key to display

2.5.3 System Information

Description: Displays the software version number information display system MAC address

Action: Main menu: information center -> system information, press ENTER key to display the following information:

1. Version: XXXX-XXXX-XXXX-XXXX-XXXX
2. Cable network MAC address
3. Wired network IP address
4. Wireless Network MAC Address
5. Wireless Network IP Address

Note: The cable network and wireless network design depends on the design of the machine, not all machines will have two networks. Users can register the wireless network or wired network MAC address to the page mediaU account under "mediaU device", for network radio and synchronization settings page mediaU

2.6 Setting

2.6.1 Management of my mediaU:

Description: used to manage my mediaU account, if you have multiple mediaU account and the machine synchronization, the user can default in here Synchronization account

Action: Main menu: Settings -> management my mediaU, press Enter key, select the machine by default my mediaU account

2.6.2 Network

Description: Set network connection.

Action: Main menu: Settings -> Network, press Enter the network settings

Note: The first time when the radio network, or the need to connect to a new network when the need to set the new network connection, In the same place more than one network, turned on the default settings of the network connection last.

a. wireless settings

Description: Set to enable or disable the wireless network.

Function operation:

1. Select "Enable", then from the "wireless network AP list" choose to connect to AP.
2. If the AP is password protected, will jump to enter the WEP / WPA password interface, enter the appropriate password; if not password protected, after you select the direct connection.

b. Wireless IP Properties

Description: Set the wireless network IP.

Function operation:

1. Select "Automatic Settings" or "manually set"
2. When you select "Manual Settings", you need to turn to set the following items:

Step1: Setting IP address

Step2: Set subnet mask

Step3: Set the default gateway

Step4: Set the primary DNS server

Step5: Set plays DNS server Note: Set during this five step out of any press other keys, then will first switch to a screen asking: "Give up this set?" Choose "is": exit selects "No": return the original step.

c. Cable Set

Description: Set the wired network IP

Action: Main menu: Settings -> Network -> wired settings, press ENTER key to choose to enable or disable the default setting for the disabled Enable the wired connection the first time, need to choose? Use wired network connection to use, cable operation, and the display left who failed to connect? Angle marked a wired connection, rotation that is trying to connect with? Network, the time had no crossed wired network connection or a connection fails.

d. Cable IP Properties

Description: Set the cable network's properties

Action: Main menu: Settings -> Network -> Wired IP properties, press ENTER key to select automatic settings or manual settings.

1. Automatic settings (DHCP), is for the IP address, subnet mask, gateway and DNS server automatically access the network connection.
2. Manually set, is the light of these connections need to manually set

the network connection. For details, please refer to the connected network requirements.

2.6.3 Date and time:

Action: Main menu: Settings -> Time and date, press Enter key to time format, date format and date and time settings.

- a. Set Date and Time: Description: According to the time and date format settings, set the current date and time.
- b. set the time format: Description: Set the time format: 12 hours or 24 hours.
- c. Set the date format: Description: There are three formats: YY / MM / DD, DD / MM / YY MM / DD / YY
- d. Daylight Saving Time: Description: Turn on and off, set? Open? After the time automatically increase an hour.
- e. GMT: Description: View the current GMT time.

Note: Internet Radio power work, in the absence of network connection time, and time is automatically set to 12:00 AM, even after the network Display GMT time, if carried out time is set, then? Connected to the network will automatically set the time and GMT time of the original difference Real time display (current time + GMT time difference).

2.6.4 Alarm

Description: Set the alarm clock, in the standby screen when the alarm time to the next, it will ring to remind.

Action: Main menu: Settings -> Alarm Clock, press ENTER key, select Alarm 1, Alarm 2, snooze alarm clock, alarm volume

2.6.4.1. Selectable alarm types: (you can also set up three types of alarm clocks)

a. Alarm 1, Alarm 2:

1. Start alarm clock, you can turn the alarm clock

1.1 set the alarm time: Set absolute time, this time will ring every day, automatically switching ring to the standby screen.

1.2 Set alarm sounds:

- 1) The traditional beep
- 2) Soft ringing
- 3) Radio music

1.3 turn off the alarm, you can turn off the alarm clock

2. Nap Alarm Clock

2.1 turn off the alarm: can turn off the snooze alarm

2.2 Set a fixed time after the ring: can be set to 5 minutes; 10 minutes; 20 minutes; 30 minutes; 60 minutes; 90 minutes; 120 minutes. After setting

the countdown started, the countdown time to the automatic Bell switched to standby screen.

3. Alarm volume: Set the alarm sound volume, factory set to 15, can adjust the size of alarm sounds

4. Operate the remote control on the "Alarm" select alarm type.

Note:

[1] To select the radio as the radio station music radio interface can be selected, as detailed in 2.2 if the Radio can not play within 1 minute, and then automatically become the traditional beep.

[2] As noted in the size of the voice of alarm clock ringing volume settings determine when the volume level.

[3] To set the alarm ringing time under different ring will automatically stop.

[4] After the alarm, over 1 hour and automatically stop ringing.

[5] After the alarm, if the press panel or the remote control button other than in addition to Power, alarm clock will stop the alarm tone, Into Snooze state (SNOOZE), Snooze time (fixed for 5 minutes) to after the alarm clock will continue to ring, Press Power button until the ending.

[6] Can operate the remote control panel or directly into the alarm set ALARM button.

[7] Can only be carried out in the network radio alarm clock setting mode.

2.6.5 Language

Description: Set the menu language. (Optional language? (12))

Action: Main menu: Settings -> Language, press Enter key to enter OSD language selection

Choose language as follows:

1. Traditional Chinese, 2. Simplified Chinese, 3. English, 4. Japanese,
5. Korean, 6. German, 7. Spanish, 8. French, 9. Portuguese, 10. Dutch,
11. Italian, 12. Russian,

Note: Click on the remote control panel or the Language button, you can switch over language OSD

2.6.6 Backlight

Description: Set the LCD screen brightness.

Action: Main menu: Settings -> Backlight, press the Enter key to set the backlight mode options:

1. Power Saving Mode:

In a key or remote control operation, the backlight to the brightest state, when no operation for 10 seconds, then enters the backlight power state.

Action: Press Enter key, then press LEFT / RIGHT key to adjust the power saving

mode, the backlight brightness (20-order setting).

2. Remain open:

Backlight has been set to maintain the brightness of the setting item.

Action: Press Enter key, then press LEFT / RIGHT key to adjust the backlight brightness to open mode (20-order setting).

Note: According to panel or the remote control Backlight button, you can switch the backlight is turned on mode or power saving mode.

2.6.7 Sleep Timer:

Description: In the non-standby, set the appropriate time automatically go into standby.

Action: Main menu: Settings -> sleep timer, press the Enter key to enter the sleep time setting

Shortcut: press panel or the remote control SLEEP button, you can switch to set the following 8 hours of sleep.

Optional: 1) Close 2) for 15 minutes 3) 30 minutes 4) 60 minutes 5) 90 minutes 6) 120 minutes 7) 150 minutes 8) 180 minutes

Note: The sleep timer only when the views of non-efficient standby mode, when entering standby or turn off the power again, the sleep timer automatically be set to "off."

2.6.8 Buffer:

Description: Internet radio stations playing time when the buffer, 1) 2 seconds (default) 2) 4 seconds 3) 8 seconds.

Action: Main menu: Settings -> buffer, press Enter key to enter the buffer set.

Note: Set the buffer longer break? Memory can continue to play after the longer time required, but the buffer longer.

2.6.9 Weather

Description: Set the weather is in the standby display, and the temperature display units.

Action: Main menu: Settings -> weather, press Enter key to set the standby display, and temperature units

Function operation:

1. Choose whether to display the weather in standby. Specific show which city weather; take in "2.5 Information Center" setting.

2. Selectable temperature display unit: 1) Celsius (°C) 2) Fahrenheit (°F)

Note: The default settings? Standby weather show off, the temperature is degrees Fahrenheit (°F)

2.6.10 Audio Settings

Description: used to set recording storage device: stored on USB or SD card, feature operation:

Action: Main menu: Settings -> audio settings, press the Enter key and select Settings storage

1. Default recording is saved to a USB storage device.
2. Default saves to SD card recording

Note:

- a. in the "Settings - Recording Settings", selects "Save to USB device", and inserts the U disk, recording generated files U will be stored under the root directory of the \ mediaU folder;
- b. in the "Settings - Recording Settings", select "Save to USB device", did not insert U disk, insert the SD card, however, prompted "USB does not exist, whether or save it to SD?", if the choice is, recording the resulting file will be saved to the SD card root directory The \ mediaU folder;
- c. in the "Settings - Recording Settings", select "Save to SD card"? And insert the SD card, recording the resulting file will be saved to the SD Card root directory \ mediaU folder;
- d. in the "Settings - Recording Settings", select "Save to SD card", did not insert SD card, but insert the USB, the Are prompted to "SD does not exist, whether stored in USB", if the choice is, recording the resulting file will be saved U under the root directory to save the \ mediaU folder.

2.6.12 Software upgrade

Description: Upgrade the software version. Through the USB interface, users can upgrade the product software.

Action: Main menu: Settings -> version upgrade, press Enter Select version upgrade (is), version upgrade (No)

Note:

1. Version upgrade, need to upgrade from the manufacturer to provide specific software to upgrade. When upgrading software can be upgraded copy To a USB storage device (such as U disk) in the root directory (recommended in the root directory of other documents do not exist). USB device when the device read the legitimate existence of the root of the upgrade file, the menu to display the version upgrade (is) version upgrade (no). Upgrade Does not allow power-off, otherwise the machine will not work and recovery.
2. Select the version upgrade (is), press Enter key, the display will start counting backwards from 255, when the upgrade is successful (no need to count down to 0) , The display will display "Update completed, restart your computer."

2.6.13 Restore factory settings

Description: to restore to factory settings. The following features will be reset to the factory default values:

- 1) Language: default English
- 2) Sound: The default volume is 15 when
- 3) Mute: Off
- 4) Time format: 12 hours
- 5) Alarm clock: Close
- 6) The alarm bell: the traditional beep
- 7) Backlight: Keep Open
- 8) Sleep timer: Off
- 9) Network buffer: 2 seconds
- 10) The standby display: off (standby time is not displayed weather)
- 11) Temperature unit: Fahrenheit
- 12) Radio alarm bell: Global Radio Top Top1

Note: The first time a user boot and restore factory settings, would let the user choose the menu language.

2.7 FM

2.7.1 FM station selection

Description: FM radio tuning and keep Taiwan

2.7.1.1 Automatic Tuning:

1. The main menu: Press UP / DOWN button to select FM, press ENTER key to switch to FM mode, or use the MODE button to switch to FM mode.
2. In FM mode, press the ENTER button, will automatically be scanned from the lowest to the highest frequency point frequencies, and in accordance with the frequency from low to high storage.

Note; The machine can store up to 20 FM radio, more than 20 programs, the best signal quality will save the 20 programs, the rest will not be maintained

2.7.1.2 Manual Tuning

Operation:

1. FM mode, press the LEFT / RIGHT button, the system will go to low / high frequencies, radio scanner, scan, when a radio station and will stop scanning. This time, press FAV key will be transferred to the location of deposit station selection screen, enter the number of buttons, or press the UP / DOWN keys to change the location Press the ENTER button to confirm.
2. FM mode, press the UP / DOWN keys can be made to the low / high frequency points, moving 0.1MHz frequency, press FAV key to save Taiwan, the steps described in ibid.

2.7.2 FM set

Description: Set the FM and FM sound listening area

Action: Main menu: Settings -> FM setting, press ENTER button to select FM sound / Locale

2.7.2.1 FM sound settings

Description: Select the FM radio is mono or stereo

2.7.2.2 FM Locale

Description: Select set FM region (Japan, other parts of the FM frequency range different)

Note: Select the correct region to ensure that FM Scan FM frequency coverage in the region all frequencies.

2.7.3 FM radio

Description: Select and play FM radio

Operation: FM mode, press the number keys are stored directly broadcast FM radio station. Or press the FAV button Input required to play FM radio storage location (or press UP / DOWN key to change the location), then press ENTER key to confirm. By ' ' key play on a radio station, according to ' ' button to play the next station. Press HOME (MENU) button to stop playback and return to the main menu.

3. Products Electrical specifications

1. Power Supply DC 12V
2. Power Consumption 5W (max)
3. FM frequency range 76 ~ 108MHz
4. Wireless networks IEEE 802.11g (dynamic up to 54Mbps)
5. Transmission frequency range of 2.4 ~ 2.4835 GHz
6. Wireless transmission of power 15 dBm (max)
7. Half-duplex mode 10/100Mbps wired network transmission (RJ-45)
8. SM / MMC support 8G
9. LCD display area 61.5 * 17.6mm
10. LCD dot matrix 128W * 45H
11. Infrared remote control distance 10M (max)
12. Audio output 1.8Vpp (max) (RCA L / R Stereo)
13. Output Impedance 16 Ohm (min)