

ORC-300 User Manual

Oracom co,.ltd.

ORC-300 Manual

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Preparing to Use

Features

- Compact, slim design
- 2-Button, 1-Navi stick, 1-Slide switch
- Plug and play USB flash drive
(USB driver is required for Windows 98 SE only)
- MP3 and WMA music file playback
- Voice recording
- FM tuner
- Programmable preset stations
- 10 band equalizer
- Menu selection system
- Multi language support
- Custom logos
- Blue backlight
- High-speed USB communication
- OS support for Windows, Mac, and Linux

Package Content

- ORACOM 4-in-1 Digital Music Player ORC-300
- Stereo earphone
- USB extension cable
- Installation CD
- One AAA size battery
- User manual
- Carrying strap

Product Overview

LCD Panel

Button function table

Using

Installing the Battery

- Insert one AAA battery into the player. Match the + and – symbols on the batteries with the + and – symbols inside the battery compartment.

Listening to music quick start steps

- If you are using Windows XP, Windows Me, or Windows 2000:
 1. Connect the player into your computer's USB port via USB cable.
 2. Copy .MP3 files to the Music folder on the player.

3. Remove the player from your computer.
 4. Press and hold the ► button to turn on the player.
 5. Press the ► button to play music.
- Note: When Hold switch is on, the buttons on the player will not function.

- If you are using Windows 98 SE, see “Installing Software” on page ()

Turning the power On and Off

- Press and hold the ► button to turn on the player. The player turns on.
- Press the ► button for more than one second to turn off the player. If the player is in Stop mode for longer than one minute, the player turns off.

Digital music player modes

- Stop playback and press the Mode button one or more times to select one of the following player modes:

MUSIC → VOICE → RECORD → FM RADIO

Playing digital music tracks or voice files

- To play music tracks or voice files
 - Press the ► button. The music track or voice file plays.
- To stop music tracks or voice files
 - Press the ► button. The music track or voice file stops playing.

Playing an FM radio station

- To change SCAN / MEMORY mode
 - While in FM radio mode, press and hold the mode button.
- To tune to an FM station manually (SCAN mode)
 - Push the navi stick toward ◀◀ or ▶▶ to adjust the frequency by 0.1MHz.
- To tune to an FM station automatically (SCAN mode)
 - Push the navi stick toward ◀◀ or ▶▶ for more than one second and release the stick to tune to the next available station.

Programming a favorite FM station

- To program a favorite station (SCAN mode)
 1. Tune to the station you want to program.
 2. Press the ► button.
 3. Select a preset number (1 through 10) by pushing the navi stick toward ◀◀ or ▶▶.
 4. Press the ► button to program current station.
- To listen to a programmed station (MEMORY mode)
 - Select a preset station number by pushing the navi stick toward ◀◀ or ▶▶.

Adjusting the volume

- To adjust the volume
 - The volume range adjusts from 0 to 30.

- Push the navi stick toward + to turn the volume level up.
- Push the navi stick toward – to turn the volume level down.

Navigating music tracks or voice files

- To change to another music track or voice file
 - In the playback or stop mode, push the navi stick toward ◀◀ to move to the previous music track or voice file. Push the navi stick toward ◀◀ within five seconds after a song has started playing to repeat the previous music track or voice file.
 - In the playback or stop mode, push the navi stick toward ▶▶ to move to the next music track or voice file.
- To move within a music track or voice file during playback
 - Push the navi stick toward ◀◀ or ▶▶ for more than one second and release the stick.

Note: Variable Bit Rate (VBR) files are MP3 files with multi-compression rates. These files do not repeat previous or current music tracks or voice files. VBR file playtime may not match the playback time displayed.

Setting the section repeat play function

- To set a repeat section start point
 - While a file is playing, briefly press the Mode button to mark the start point of a music track or voice file repeat section. The start point icon appears.
- To set a repeat section end point
 - While the file continues playing, briefly press the Mode button a second time to mark the end point of a music track or voice file repeat section. The end point icon appears and the music track or voice file repeats from the starting point (A) to the ending point (B).
- To cancel a repeat section
 - While a repeat section is playing, press the Mode button. The repeat section is cancelled and the recording plays in normal mode.

Note: For more information, see “Setting the repeat mode” on page()

Recording voice

- To record voice
 1. Select the voice recording mode. For more information, see “Digital music player modes” on page 13.
 2. Press the ▶ button. The voice recording starts. Speak into the microphone.
- To stop the voice recording
 - Press the ▶ button. The recording stops and the voice file is created.

Note: When the player memory is full, the voice recorder stops and a voice file is created. The available recording time appears below the “Standby” menu text.

Menu Settings

Menu table

The player includes a Menu mode that lets you customize and use the player features. This diagram shows an overview of the Menu mode options. For more information, see “Using the Menu mode” on page 20.

Using the Menu mode

- To use the Menu mode

1. Press and hold the Mode button for more than one second. The Menu appears.
2. Push the navi stick toward + or – to scroll through the menu options and highlight an option:
 - Repeat – to adjust playback repeat options.
 - EQ – to adjust equalizer settings.
 - File – to delete and format music and voice files.
 - Logo – to select personalized logo options.
 - Display – to change display settings.
 - File Info – to view file information details.
 - Tempo – to adjust tempo of overall playback.
 - Language – to change language options.
 - Exit menu – to exit the Menu mode.
3. Press the Mode button to select the highlighted menu option.
4. Press the ► button to close the Menu mode.

Note: If you do not make menu selections in the Menu mode within ten seconds, the player exits the Menu mode.

Setting the Repeat mode

- To use the Repeat mode

1. Use the Menu mode to select the Repeat menu. For more information, see “Using the Menu mode” on page 20. The Repeat menu appears.
2. Press the + or – button to scroll through the Repeat menu options and highlight an option:
 - Normal – to play each music track or voice file one time in sequence.
 - Repeat one – to listen to one music track or voice file repeatedly.
 - Repeat all – to listen to all music tracks or voice files repeatedly.
 - Repeat list – to listen to selected music tracks or voice files repeatedly.
 - Shuffle – to listen to randomly selected music tracks or voice files.
 - Intro – to listen to the first ten seconds of each music track or voice file.
3. Press the ► button to select the highlighted Repeat menu option.
 - The Repeat list option includes additional menu options. If you select the Repeat list menu option, push the navi stick toward + or – to scroll through the files in the Repeat list. Press the ► button to select or deselect files in the Repeat List. An asterisk (*) appears next to selected files. Tracks will be played by the order of selection.

Setting the equalizer (EQ) function

- To use the EQ menu

1. Use the Menu mode to select the EQ menu. For more information, see “Using the Menu mode” on page 20. The EQ menu appears.
2. Push the navi stick toward + or – to scroll through the EQ menu options and highlight an option:
 - Normal – to set the equalizer settings to 0 dB.
 - User – to customize the equalizer settings to user preferences.

3. Press the ► button to select the highlighted EQ menu option.
 - The User option includes equalizer settings. If you select the User menu option, push the navi stick toward + or – to adjust the equalizer tone settings up or down and push the navi stick toward ◀◀ or ▶▶ to navigate across the equalizer frequency band settings and highlight the band you want. Press the ► button to complete the equalizer settings.

Managing files

- To use the File menu
 1. Use the Menu mode to select the File menu. For more information, see “Using the Menu mode” on page 20. The File menu appears.
 2. Push the navi stick toward + or – to scroll through the File menu options and highlight an option:
 - Delete – to delete music tracks or voice files.
 - Format – to format the memory space. All files are deleted in this process.
 3. Press the ► button to select the highlighted File menu option.
 - The Delete option includes music and voice file options. Press the ► button to select the music or voice option. Push the navi stick toward + or – to scroll through the files and highlight the file you want to delete. Press the ► button to delete the file.
 - The Format option deletes all files on the player. Push the navi stick toward + or – to highlight OK or Cancel to format. Press the ► button to select the format option.
- Caution! The Format option deletes all files on the player. Make sure that you have saved all important files before using the Format option.

Setting the logo options

- To use the Logo menu
 1. Use the Menu mode to select the Logo menu. For more information, see “Using the Menu mode” on page 20. The Logo menu appears.
 2. Push the navi stick toward + or – to scroll through the Logo menu options and highlight an option:
 - Default – to set the logo to the default logo.
 - User – to set the logo to the user designed logo created in the logo editor program.
 - Logo Disp – to turn the logo display on or off.
 3. Press the ► button to select the highlighted Logo menu option.
 - The User menu includes custom logo options. Push the navi stick toward + or – to scroll through the custom logo files (.LGO) and highlight the file you want to display. Press the ► button to select the file.
- Note: For more information on creating custom logos, see “Using the Logo Editor program” on page ().

Setting the display options

- To use the Display menu
 1. Use the Menu mode to select the Display menu. For more information, see “Using the Menu mode” on page 20. The Display menu appears.
 2. Push the navi stick toward + or – to scroll through the Display menu options and highlight an option:
 - Backlight – to turn the display backlight on, off, and adjust lighting time.
 - Contrast – to adjust display lighting contrast.
 - Scroll speed – to adjust the display text scrolling speed.
 3. Press the ► button to select the highlighted Display menu option.
 - Press the ► button to select menu options. Push the navi stick toward + or – to adjust display settings.

Displaying file information

- To view File Information
 - Use the Menu mode to select the File info menu. For more information, see “Using the Menu mode” on page 20. The File info menu appears.

Setting the tempo options

- To use the tempo menu
 1. Use the Menu mode to select the Tempo menu. For more information, see “Using the Menu mode” on page 20. The Tempo menu appears.
 2. Push the navi stick toward + or – to scroll through the Tempo menu options and highlight an option:
 - Fix Tempo – to adjust the overall playback tempo.
 - Volume Key – to set the + or – navi to function as volume adjustment or tempo adjustment.
 3. Press the ► button to select tempo options.

Selecting the display language

- To use the Language menu
 1. Use the Menu mode to select the Language menu. For more information, see “Using the Menu mode” on page 20. The Language menu appears.
 2. Push the navi stick toward + or – to scroll through the Language menu options and highlight an option:
 - Korean
 - Western (English)
 - W.Europe
 - Japanese
 - S.Chinese
 - T.Chinese
 3. Press the ► button to select a Language option.

Connecting

Installing software

When you connect your player to your computer's USB port, the player appears as a removable drive on your computer. If your computer uses Windows XP, Windows Me, or Windows 2000, you do not have to install the driver software to use the player with your computer. If your computer uses Windows 98 SE, install the USB device driver for Windows 98 SE.

- To install the Windows 98 SE USB device driver
 1. Connect the USB extension cable to the computer's USB port and connect the player to the extension cable.
The Add New Hardware Wizard screen opens.
 2. Insert the player's programs / driver CD into the computer's CD drive.
 3. Click Next. The “What do you want Windows to do?” screen opens.
 4. Click Search for the best driver for your device, and then click Next. The drivers search screen opens.
 5. Click to select the “CD-ROM drive” check box, and then click Next. The Windows driver file search results screen opens.

6. Click Next, then click Finished.

Connecting to your computer

- To connect the digital music player to a computer with Windows XP

1. Turn on your computer.

2. Plug the USB extension cable into the computer's USB port, then connect the player to the extension cable.

The Removable disk dialog box opens and the Standby message flashes on the player's LCD.

3. Click Open folder to view files, then click OK. The Music, Voice, and Logo folders appear in Windows Explorer.

Managing files

Caution! Do not remove the player while files are transferring to and from the digital audio player.

Removing the drive while files are transferring will cause the file transfer to fail.

The player displays an animated arrow when files are transferring and it displays flashing "Standby" text when the file transfer is complete.

- To load music files on the digital music player

1. Connect the player to your computer. For more information, see "Connecting to your computer" on page 34.

2. Copy the music files (.MP3) from your computer to the Music folder on the player.

Note: Music files (.MP3) must be copied to the Music folder for the music files to play back on the player. If music files are placed in other folders or in sub-folders inside the Music folder, the music files will not play.

- To use voice files recorded on the digital music player

1. Connect the player to your computer. For more information, see "Connecting to your computer" on page 34.

2. Copy the voice files from the Voice folder on the player to a folder on your computer.

3. Use the Voice Converter program to convert voice (.VOC) files to a .WAV format that your computer can play. For more information, see "Using the Voice Converter program" on page 40.

Note: Converted voice (.WAV) files must be copied to the player's Voice folder for the voice files to play on the player. If voice files are placed in other folders or in sub-folders inside the Voice folder, the voice files will not play.

- To load custom logo files on the digital music player

1. Use the Logo Editor program to create a custom logo. For more information, see "Using the Logo Editor program" on page 42.

2. Connect the player to your computer. For more information, see "Connecting to your computer" on page 34.

3. Copy your logo files from your computer to the Logo folder on the player.

Note: Logo files must be copied to the Logo folder for the logo files to display on the player. If logo files are placed in other folders or in sub-folders inside the Logo folder, the logo files will not display.

- To use the digital music player as a data drive

1. Connect the player to your computer. For more information, see "Connecting to your computer" on

page 34.

2. Create a data folder on the player.
3. Copy files from your computer to the data folder on the digital music player.
4. Transfer files from the player to a folder on another computer.

Using Programs

Using the Voice Converter program

- To install the Voice Converter program
 1. Insert the player's programs / driver CD into the computer's CD drive. The player software install program opens.
 2. Click Voice File Converter, and then follow the program installation instructions.
- To use the Voice Converter program
 1. Copy voice files from the digital audio player's Voice folder to a folder on your computer.
 2. Click Start, All Programs, Digital Audio Player, then click Voice File Converter. The Voice File Converter program opens.
 3. Click File, then click Open. The Open dialog box opens.
 4. Click a .VOC file, and then click Open. The Voice Converter dialog box opens and the .VOC file appears.
 5. Click Convert. The file converts to a .WAV file that will play on computer media player programs such as Windows Media Player and Music Match.
 6. Click OK.

Using the Logo Editor program

- To install the Logo Editor
 1. Insert the player's programs / driver CD into the computer's CD drive. The player software install program opens.
 2. Click Logo Editor Install, and then follow the program installation instructions.
- To use the Logo Editor image converter
 1. Click Start, All Programs, Digital Audio Player, then click Logo Editor. The Logo Editor program opens.
 2. Click Tool, then click Convert Image. The Image Converter dialog box opens.
 3. Click Open. The Load Image File dialog box opens.
 4. Browse to the folder on your computer that contains the image file, and then click the file.
 5. Click Open. The image opens in the Image Converter dialog box.
 6. Adjust the image size with the horizontal and vertical zoom settings and adjust the brightness and contrast. Position the image inside the rectangular box to define how you want to crop the image for display on the player.
 7. Click Transfer. The new file appears in the Logo Editor Dialog box.
 8. Click File, then click Save. The Save Logo File dialog box opens.
 9. Browse to the folder you want to save the logo file in and type the file name in the File name box. Click the arrow button to open the Save as type list, click Logo files (*.LGO), then click Save.

For information about transferring the logo file to the player, see "To load custom logo files on the digital music player" on page 36.

- To use the Logo Editor frame function

You can use the Logo Editor program to create an animated logo with the frame function.

1. Click Start, All Programs, Digital Audio Player, then click Logo Editor. The Logo Editor program opens.
2. Use the drawing tools to draw the first frame of the animated logo picture in the Zoomed Image area.
3. In the Image Frame area, click Add. A new blank frame opens.
4. Draw the second frame of the logo picture.
5. In the Image Frame area, click Add. A new blank frame opens.
6. Draw the third frame of the logo picture, then click Add.
7. Continue adding new frames.
8. Click File, then click Save. The Save Logo File dialog box opens.
9. Browse to the folder you want to save the logo file in and type the file name in the File name box. Click the arrow to open the Save as type list, click Logo files (*.LGO), then click Save.

For information about transferring the logo file to the player, see “To load custom logo files on the digital music player” on page 36.

NOTE: 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 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

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 UNDESIRE OPERATION.

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV
INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO
THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S
AUTHORITY TO OPERATE THE EQUIPMENT