

Instruction Manual



Patent Pending

Portable Digital Jukebox / Media Player



Model J22RCS1SB

Model J22RCS1PK

Model J22RCS1YR



Warnings and Precautions

Caution:

- TO PREVENT ELECTRIC SHOCK, FULLY INSERT THE PLUG INTO THE OUTLET, ENSURING THE WIDE PRONG IS IN THE CORRECT SLOT.
- Use of any controls or adjustments or performance of procedures other than those herein specified may result in hazardous radiation exposure.
- There is a danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

Warning:

- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Do not place the unit on top of any soft, porous, or sensitive surfaces to avoid damaging the surface. Use a protective barrier between the unit and surface to protect the surface.
- Use of this unit near fluorescent lighting may cause interference regarding use of the remote. If the unit is displaying erratic behavior move away from any fluorescent lighting, as it may be the cause.
- There is a danger of explosion if you attempt to charge standard alkaline batteries in the unit. Only use rechargeable NiMH batteries.
- The remote control's button cell battery contains mercury. Do not put in the trash, instead recycle or dispose of as hazardous waste.
- Lithium batteries, like all rechargeable batteries are recyclable and should be recycled or disposed of in normal household waste. Contact your local government for disposal or recycling practices in your area. They should never be incinerated since they might explode.
- Shock hazard - Do Not Open.
- Mains plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the main completely, the mains plug should be disconnected from the mains socket outlet completely.
- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc.) batteries.

CAUTION

RISK OF ELECTRICAL SHOCK
DO NOT OPEN

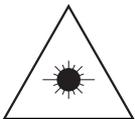
WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. THIS UNIT MUST BE SERVICED BY QUALIFIED SERVICE PERSONNEL.



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



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.



This product utilizes a Class 1 laser to read Compact Discs. The laser Compact Disc Player is equipped with safety switches to avoid exposure when the CD door is open and the safety interlocks are defeated. Invisible laser radiation is present when the CD Player's lid is open and the system's interlock has failed or been defeated. It is very important that you avoid direct exposure to the laser beam at all times. Please do not attempt to defeat or bypass the safety switches.

Important Safety Instructions

1. Please read, follow and keep these instructions and comply with all recommended cautions.
2. Do not use this unit near water.
3. Clean with a dry cloth only.
4. Do not block ventilation openings.
5. Do not place the unit near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. Follow safety precautions and use a polarized or grounded-type plug. A polarized plug has two blades with one prong wider than the other. A grounded-type plug has two prongs and a third grounding prong. The wide blade or the third prongs are provided for your safety. If the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete outlet.
7. Protect the power cord from being walked on or pinched, particularly at plugs, or where they exit the unit.
8. Only use attachments and accessories specified by the manufacturer.
9. Unplug the unit during lightning storms or when unused for long periods of time.
10. Refer all service needs to qualified service personnel. Servicing is required if the unit has been damaged in any way, such as power cord (or plug damage), if liquid has been spilled or objects have fallen into the unit, if exposed to rain or moisture, or if dropped and not working properly.

FCC Warnings

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.

Additional Warnings

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- Main plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
- Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- Caution marking is located at the rear or back of the apparatus.
- The marking information is located at the rear or back of apparatus.



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.



Features and Controls:

- | | |
|--|---|
| <ul style="list-style-type: none"> 1. Display 2. Power On / Off 3. Record 4. Play / Pause 5. Stop 6. Skip / Search Previous Song 7. Skip / Search Next 8. Repeat Mode 9. Source 10. Micro USB 11. USB Playback 12. 1/4" Mic Socket | <ul style="list-style-type: none"> 13. AUX-In 14. Headphone 15. Speaker 16. Programmable Buttons 1-24 17. Lock On / Off 18. Volume 19. CD Door Lens 20. Door Open 21. DC IN Socket 22. CD Door 23. Battery Compartment Cover |
|--|---|

In the Box:

- (1) Juke24™ Unit
- (1) Microphone
- (1) Power Adapter
- (1) 3.5mm AUX Cable
- (1) Instruction Manual
- (1) Quick Start Guide

Power Connection

Connecting AC Power:

Connect the DC output of the AC / DC adapter to the **DC IN** socket at the back of the unit and insert the AC plug into standard AC wall outlet.

Batteries Operation:

Before installing batteries (not included), ensure that the unit is disconnected from the Adapter. Remove the battery compartment cover on the bottom of the unit by carefully pushing the two lugs down. The battery cover can then be lifted away.

Insert six 1.5V "C" or "LR 14" new batteries using the correct polarity markings, and then replace the cover. (The use of alkaline batteries is recommended).

Note: *Be sure to remove the DC input jack when using batteries.*

Main Operation

Turning Power On For the First Time:

Plug into DC input jack or insert batteries (never have both batteries and AC / DC adapter plugged in simultaneously). Slide **POWER** switch to **ON** position to turn on the unit. The unit display will light up.

Lock On / Off:

After turning on the unit, slide the **LOCK ON / OFF** button to **OFF** position to unlock all the keys.

To lock all the front panel keys, slide the LOCK button to ON position. It is important to switch the unit lock button off to allow full button functionality. (The Power Switch and the Volume Dial will work normally even when the Lock button is activated)

Selecting Different Audio Input Sources (Juke24™ Playlist / CD / USB / AUX / PC):

After turning on the unit, press the **SOURCE** button to select your desired audio source.

Adjusting Sound Volume:

After turning on the unit, turn the **VOLUME** dial to set your desired sound level.

CD Operation

The unit is designed to play standard music CD or MP3 CD bearing the proper identification logos. If the disc does not conform to the standard, it may not play back properly.

Caution:

Playback of CD-R / CD-RW may depend on recording conditions.

- Do not attach a seal or label to either side (the recordable side or the labeled side) of a CD-R / RW disc. It may cause a playback malfunction.
- Do not load a blank CD-R / RW disc. It will take over one minute to read the disc. The disc may be damaged if you try to open the CD door while reading the disc.

NOTE: *CD-ROM, CD-I, CDV, VCD, DVD or computer CDs are not compatible.*

Loading Disc:

1. Press the **DOOR OPEN** button to open the CD door and place a CD into the CD compartment with the printed side facing toward you.
2. Gently close the CD door and select the CD source. The system will begin to read the disc. Once it is fully loaded, the display will indicate the total number of tracks and playtime on the disc.

CD Playback:

After loading the disc, press the ►|| button once, the first track / file on the CD will be played back. (For reading / playing back MP3 disc, the "MP3" icon will be displayed.)

NOTE:

Do not touch the lens of the CD player. If touched, the lens may be damaged and the CD player will not operate properly. If there is no disc in the unit, "NO DISC" or "ERR" will be indicated on the display. If the CD cannot be read, "BAD CD or ERR" will be indicated on the display.

Play / Pause Control:

To temporarily pause playback, press the ►|| button. At the same time, the current elapsed track number, time and the ►|| indicator will be shown on the display. Press the ►|| button again to resume playback.

Stop Playback:

To stop playback, press the ■ button. The disc will cease to play. The total number of tracks and the play time will be displayed.

Skip Track:

During playback, press the ◀◀ or ▶▶ button once to skip to the next or previous tracks.

Fast Forward and Backward Track Search:

During playback, press and hold the ◀◀ or ▶▶ button to search through the current track at high speed in forward or backward directions. When the ◀◀ or ▶▶ button is released, normal playback speed will resume immediately.

Sing-Along with CD:

During playback, plug the microphone into the MIC socket and turn on the microphone switch. This will enable the sing-along function as the CD plays.

Repeat Playback Modes (Repeat 1 / Repeat All / Repeat Off):

- **Repeat the Current Track:**
During playback, press the REPEAT MODE button until the REP 1 icon is displayed to select the current track / file to be repeated. The selected track / file will be repeated continuously.
- **Repeat All Tracks:**
During playback, press the REPEAT MODE button until the REP ALL icon is displayed. All tracks / files on the CD will be repeated continuously.
- **Return to Normal Playback:**
Press the REPEAT MODE button until the REP OFF icon is displayed. Normal playback will resume.

USB Operation

This unit is designed to play MP3 files on USB flash-drive devices. If the files on the USB device do not conform to the standard, they may not play back properly.

1. Insert the USB flash-drive into the USB socket on the side of the unit.
2. Press the SOURCE button until USB is shown on the display.
3. After reading the USB flash-drive, the display will indicate the total number of files on the flash-drive.

USB Playback:

After reading the USB flash-drive, press the ►|| button to play the files. Once the ►|| button is pressed, the first track / file will playback and the display will indicate the MP3 icon.

Play / Pause Control:

To temporarily pause playback, press the ►|| button. The display will indicate the current elapsed track number, time, and the ►|| icon. Press the ►|| button again to resume playback.

Stop Playback:

To stop playback, press the ■ button. The flash-drive will cease to play and the display will indicate the total number of tracks / files on the USB flash-drive.

Skip Track:

During playback, press the ◀◀ or ▶▶ button to skip to the next or previous track / file.

Fast Forward and Backward Search Track:

During playback, press and hold the ◀◀ or ▶▶ button to skip / search through the current track / file at high speed in forward or backward directions. When the ◀◀ or ▶▶ button is released, normal playback speed will resume immediately.

Repeat Playback Modes (Repeat 1 / Repeat All / Repeat Off):

- **Repeat the Current Track:**
During playback, press the REPEAT MODE button until REP 1 icon is displayed to select the current track / file to be repeated. The selected track / file will be repeated continuously.
- **Repeat All Tracks:**
During playback, press the REPEAT MODE button until the REP All icon is displayed. All tracks / files on the USB flash-drive will be repeated continuously.
- **Return to Normal Playback:**
Press the REPEAT MODE button until the REP OFF icon is displayed. The normal playback will be resumed.

Juke24™ Playlist Operation

Press the SOURCE button to select until the Juke24™ PLAYLIST is shown on the display along with the total number of files on the internal memory.

Audio Content Playback:

Press the ►|| button once, and the first button (file) of the internal memory will play back. The ► icon will display during playback.

Play / Pause Control:

To temporarily pause playback, press the ►|| button. The current elapsed track number, time, and the ►|| button will be shown on the display. Press the ►|| button again to resume playback.

Stop Playback:

To stop playback, press the ■ button on the unit. Buttons with recorded content will be displayed (the total number of recorded buttons).

Skip Track:

During playback, press the ◀◀ or ▶▶ button to skip to the next, or previous, recorded audio file.

Fast Forward and Backward Track Search:

During playback, press and hold the ◀◀ or ▶▶ button to search through the current file at high speed in forward or backward directions. When the ◀◀ or ▶▶ button is released, normal playback speed will resume immediately.

One Touch Playback Using Programmable Numeric Button:

Directly press the desired numeric button to playback the recorded audio content.

AUX-IN Operation

Setting Up (AUX-IN) Connection:

AUX-IN jack will allow you to connect an external music player or external sound source to the main unit.

1. Press the SOURCE button until AUX icon is displayed.
2. Plug a 3.5mm audio cable (not included) into your external music player and connect the other end (3.5mm jack) into the AUX-IN jack on the side of the unit.
3. Make sure your external music player is turned on.
4. Play the music / audio content on your external player.
5. Adjust the VOL dial to control the sound level of music / audio content playback from the speakers on the unit.

Headphone Operation

Setting Up Headphone (not included) Connection:

1. Connect the headphone to the "Headphone" jack.
2. Put the headphone on with the indication "L" on your left ear and "R" on your right ear.
3. Adjust the Volume dial to desired listening sound level.

Recording Operation

This unit can record from CD, USB and AUX-IN source.

Recording from AUX-IN:

1. Press the SOURCE button to select source from AUX.
2. Press the  RECORD button once to select record mode. Upon pressing the Record button, the unit display will prompt you "PLS PRESS 1-24 To RECORD".
3. Press to select one of the numeric buttons (1-24) to recording to. Once the desired button is selected, the display will read READY and the selected button will light up red and blink.
4. Begin playing your AUX-IN audio to record.
5. To stop recording, press  Stop button.

PLEASE ENSURE TO PRESS THE STOP BUTTON OTHERWISE THE UNIT WILL CONTINUE TO RECORD.

Recording from Microphone (MIC):

1. The audio signals from the microphone can be recorded from any of the source modes (As the MIC has a talkover function over all sources). Therefore, you can have the unit in AUX and simply sing into the microphone.
2. Press the  Record button once to select the recording mode. Upon pressing the recording button, unit will display will prompt "PLS PRESS 1-24 To RECORD".
3. Press to select one of numeric buttons (1-24) to start recording. The display will read READY and the selected numeric button will light up red and blink.
4. The mic will record to the selected numeric button internal memory.
5. To stop recording, press  Stop button.

Recording from CD / USB:

1. During CD / USB playback, press  Record button once to select the recording mode. Audio content playback will be paused and the display will prompt. "PLS PRESS 1-24 TO RECORD".

- Press to select one of the numeric buttons (1-24) to start recording. The selected numeric button will light up red and blink. The sound will record to the selected numeric button internal memory. (After pressing the numeric button, you can press **⏮** or **⏭** button to select desired track / file. If not pressed, the default is to record from the pause point of the current track / file.)
- Press the **■** button to stop recording.

NOTE:

After pressing **⏮** or **⏭** button to select desired track / file, the recording will start from the beginning of desired track / file. If you select a numeric button with a recording, the new content will overwrite the previous recording.

Playback the Recorded Audio Content:

- Press the SOURCE button until Juke24™ PLAYLIST is shown on the display.
- After the unit reads the internal memory, press the desired numeric button to playback the recorded audio content.
- The selected numeric button will be illuminated during playback.

Computer Operation Instructions

- Press the **SOURCE** button until the **PC** icon is displayed.
- Plug a micro USB data cable (not included) into your PC / MAC USB port and connect the micro USB end into the micro USB socket on the left side of the unit.
- Windows:
 - Will detect Juke24™ as "Removable Disk" in "My Computer" folder and an AutoPlay pop-up window will appear with multiple options.
 - Double-click on "Open folder to view files" in AutoPlay window or "Removable Disk" in PC's My Computer folder.
- Mac:
 - Will detect Juke24™ as "Removable Disk" in a Finder window.
 - Double-click on "Removable Disk".
- Creating folders for each button to store MP3 files.
 - Option 1:
 - Visit <https://www.hamiltonbuhl.com/Juke24/Buttons>
 - Click on the link, which will download a Zip file to the "Downloads" folder on your computer.
 - Click the downloaded file and a Juke24™ file will pop open in the Downloads folder.
 - Drag / drop or copy / paste this Juke24™ folder to your Removable Disk.

• Option 2:

- After opening the Removable Disk folder as explained in point 3 or 4 above, add a New Folder and name it: **BUTTON01 (It is case and space sensitive! Make sure it is all uppercase with no additional spaces).**

Here are the exact names of the folders to create:

BUTTON01	BUTTON07	BUTTON13	BUTTON19
BUTTON02	BUTTON08	BUTTON14	BUTTON20
BUTTON03	BUTTON09	BUTTON15	BUTTON21
BUTTON04	BUTTON10	BUTTON16	BUTTON22
BUTTON05	BUTTON11	BUTTON17	BUTTON23
BUTTON06	BUTTON12	BUTTON18	BUTTON24

- Now that your folders are created, drag and drop an MP3 audio file into any button folder. Once added, the unit will play back the file from the designated button. Repeat the same operation as needed.
- After finishing the above, properly eject the "Removable Disk" and pull out the data cable from both.
- To delete or replace content in any of the buttons, go through steps 1-4 above, open up the button folder you want, delete the file inside, then replace it with a new MP3 file.
- To remove all content from the buttons, simply delete the MP3 files from each folder.

NOTE: Button folders hold only one MP3 file at a time. To add multiple tracks into each button folder, save the tracks into a single MP3 file and load the single file.

Specifications:

Adapter AC input	AC100-240V @50 / 60Hz
Adapter DC output	DC 9V 1A
Batteries power	DC 9V (6x1.5V) "C" size UM-2 / LR14 batteries
Output power	2 x 2 watts
Speaker76mm (3") cone type
AUX-In	3.5mm jack
Headphone	3.5mm x 1
Dimensions	11.14(L) x 6.3(D) x 11.14(H) inches
Weight	3.84 lbs
Operation Temperature	+41°F - + 95°F
General CD optical pick-up lens	3 beam semiconductor laser

Making Customizable Button Designs for Juke24™ with the Free iPhone App

From the iTunes store, search for and download the Juke24™ App.

1. Launch the app.
2. To begin making your own button designs, tap on the "Tap to Next" button. This will bring you to a clean canvas in the Design Studio.
3. Below the empty canvas are 4 icons (from left to right):

PRINTER — Use this icon once you are ready to print your button design and slide them into the Juke24™ buttons. Simply click on the icon and it will lead you through the process of finding a printer that's paired to your device. Follow print directions to have your designs printed.

CAMERA — Clicking on this icon opens up the camera function of your iPhone with all its capabilities. After taking a photo, you can select the photo for use on your design canvas.

T — Use this icon to add a text box and enter text. You can add multiple text boxes. Drag the arrow in the lower right corner of the text box to enlarge or reduce the text. Use your finger to reposition the text box.

PAINT BUCKET — Use this icon to fill your design canvas with any background color from the color palette.

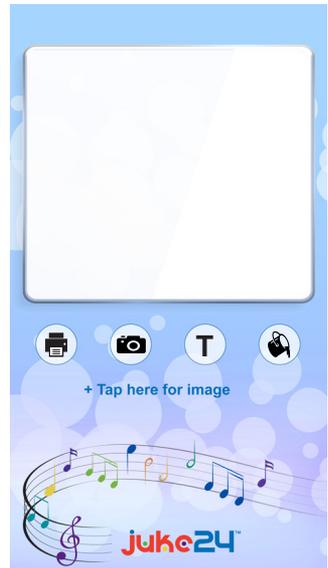
Tap on "+Tap here for image" text or use the drop down menu in the top left corner to access images and design elements from categories provided. Images and design elements provided will integrate nicely into any background color. You can add multiple images and elements on to your design canvas.

Use the SAVE icon, in the upper right corner, to save your design — they are saved in your phone like a photograph, and are available to you anytime.

There is no right or wrong way to design your custom buttons. Follow the instructions above and start creating!

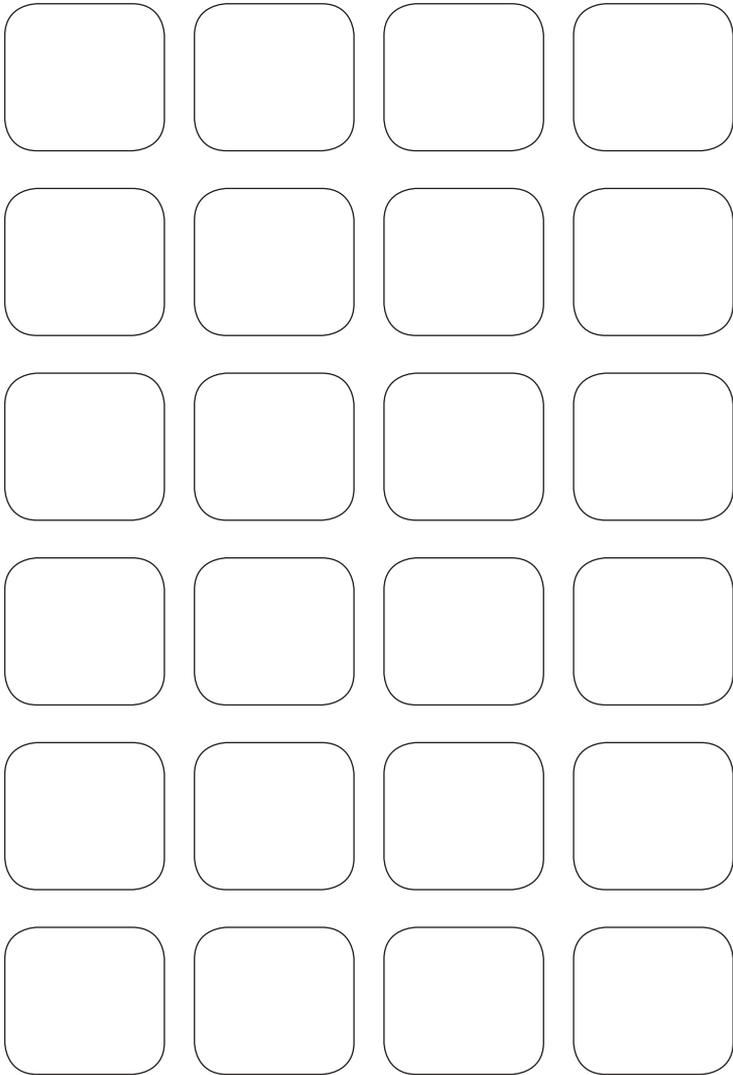
Once you have printed the designs you want to add to the Juke24™ buttons, cut them out, slide them into the button you like, and your Juke24™ will quickly become your custom jukebox!

PLEASE NOTE: The current Juke24™ App is compatible only with iPhone (iOS 8.0 or later).



Juke24™'s Customizable Buttons

Template for Hand-Drawn Cut-Outs



Product Registration Instructions



Visit: www.HamiltonBuhl.com

1. Click on Customer Care
2. Click on Product Registration Icon
3. Please fill out all fields marked with * to register

Warranty:

Warranty begins the date item ships from our warehouse. All products, except for metal carts, have a one year warranty from original date of shipment, unless otherwise noted. Metal carts have a limited lifetime warranty on all housing components; however, carts have a one year warranty on any electrical / mechanical components.

Our Mission:

Since our founding in 1933, HamiltonBuhl continues to evolve as a leader in technology products for education and industry. Our products are embraced by educators, corporate trainers, presenters, government agencies, and hospitals for their daily presentation, from the classroom to the boardroom, HamiltonBuhl has the presentation product for you.



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