

# Roland

Capture. Practice. Perform.



## *CD-2u* SD/CD RECORDER

SD-only model



*SD-2u*  
SD RECORDER



## Your one-stop solution for practice, recording, sharing, and more.

The compact CD-2u is packed with a variety of features for multiple applications. Recording your rehearsals and practice sessions and listening back immediately enhances your productivity and helps you improve faster.

### **CD-2u** SD/CD **RECORDER**



\*Compatible with up to 16 GB SDHC cards.

The CD-2u is highly acclaimed by teachers for its ease of use and sound quality.

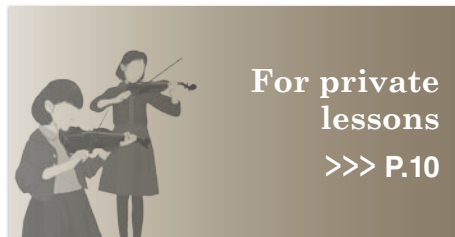
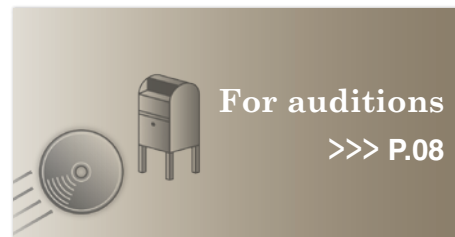


The CD-2u is the third CD-2 model we've used and it's the most powerful yet.

Composer, arranger, and conductor  
**Mr. Masamichi Amano**

With more microphone options and improved practice features, we're able to record our rehearsals and play back pieces at a slower tempo with amazing clarity. Students are able to hear details of their performance and improve more quickly as a result.

## INDEX



It's difficult to evaluate our performance while we're playing.  
With the CD-2u, we can quickly identify areas for improvement  
and make faster progress as a group.  
We can also make CDs for more effective individual practice.



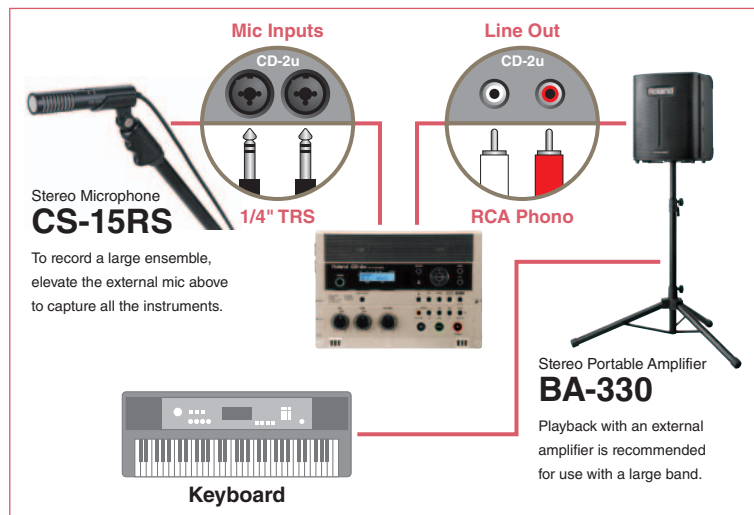
With the CD-2u's ease-of-use and portability,  
we can let our students become independent learners.  
They're recording, performing,  
and creating the final product themselves.

# For Ensembles



## Useful Features

- Record rehearsals and listen back for instant review with your group.
- Professional sound quality lets you hear performances clearly.
- Play back well-known recordings at slow speed to study performance details.
- Record multiple performances and burn the best ones to CD.



## Record, listen, and record again – that's the key to steady progress.

The CD-2u lets you play back your performance right after you record it, so you can hear the results immediately. By listening to your ensemble objectively, you can easily identify areas for improvement. Listen to your recording together and discuss the performance, practice the parts that need attention, and then record again.



## Play back classic recordings slowly to study professional playing techniques.

With the Speed Change function, you can easily slow down music with fast tempos or challenging passages. This allows you to analyze subtle nuances that are hard to hear at normal speed, all with great clarity and sound quality.



## Burn CDs for each group member so they can listen to performances on their own.

The CD-2u lets you burn CDs quickly, without a computer. Each member of the group will then be able to listen carefully to performances or practices, making this a great tool for improving the quality of your ensemble.



## Use the included remote to record and play back without leaving your seat.

The CD-2u comes with a convenient remote control that lets you easily operate key functions from a distance, including the adjustment of recording levels and playback speeds.



### Instructors can use the CD-2u for impartial solo and chair auditions.

With a pre-recorded minus-one or accompaniment track, students can operate the CD-2u and make a sound-on-sound recording of their solo or audition material for later “blind” evaluation by the instructor or panel.

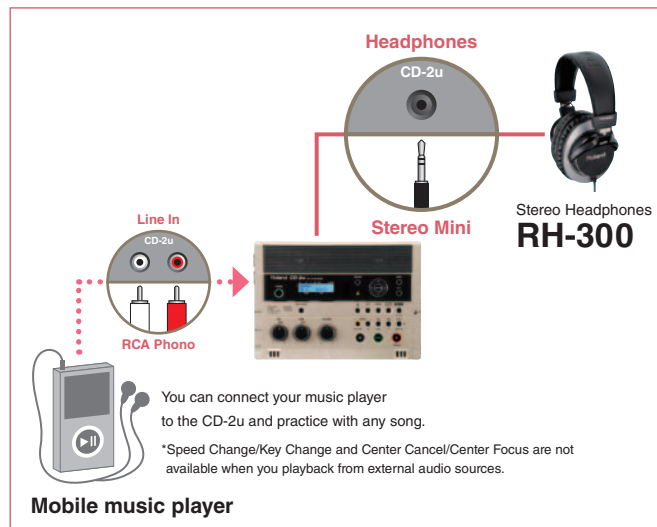


# For Personal Practice



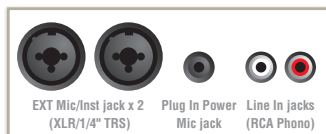
## Useful Features

- With abundant input options, you can record any instrument.
- Create minus-one tracks for practicing vocals or solos.
- Change the key of any song to match the sheet music or your optimal range.
- Play back challenging passages slowly for practice.



## Input jacks for connecting a variety of instruments and devices.

With XLR/TRS combo, Plug In, and Line In jacks, you can plug in external mics and/or nearly any electronic instrument for recording. You can also connect a music player to provide accompaniment, overdub your performance, and record the mix. Since you can instantly record and play back as many times as you wish, this is a great tool for improving your skills.



## Reduce the volume of lead vocals and solos in commercial recordings.

Center Cancel lowers the volume of vocals, solos, and other center-located sounds, allowing you to create karaoke and “minus-one” tracks for practice and recording.

Conversely, Center Focus emphasizes vocal and solo parts, making them easier to analyze and learn.



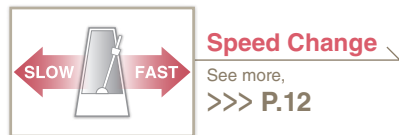
## Change the key without sacrificing sound quality.

The Key Change function allows you to transpose any song into the perfect key for practice or recording. The sound quality remains the same, so you can use this feature in a variety of applications for vocals and instruments alike. For example, you can change the key of an accompaniment for alto sax to the appropriate key for flute.



## Master difficult passages by slowing them down.

Fast pieces and passages are easier to learn and practice at reduced tempo. Begin slowly at first, then gradually increase the speed to build your proficiency. Since you can change the speed instantly without changing the pitch or the sound quality, you'll be able to perfect challenging music in no time.





## For Auditions

### Step 1 Create a “minus-one” track

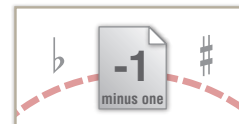
It's easy to create a “minus-one” track of the music you'll be performing — just import the song into the CD-2u and press the Center Cancel button. From the three cancellation types, choose the one that gives the most effective result and save it as a new song.



### Step 2 Change the key

If the song's key doesn't match your instrument or vocal range, you can transpose it using the Key Change function.

You can adjust the pitch by half steps without changing the tempo or the sound quality, and save the result as a new song.



### Step 3 Overdubbing

Now it's time to overdub your performance. First, adjust the recording level using the Rehearsal function, and then record along with the “minus-one” accompaniment. You can record as many times as you like to perfect your performance.



### Step 4 Burn your performance to CD

After you're satisfied with your recording, you can easily burn it to CD by following the instructions on the display.

Once you're done, you're ready to send out your professionally recorded audition CD!





# Record Any Instrument or Ensemble

## Grand piano

Place the CD-2u near the concave portion of the curve of the piano's body. Listen on headphones to the balance of tones from the strings and the soundboard, then adjust the position of the recorder for the optimal sound.



## Acoustic guitar

Place the CD-2u about two to three feet (50 cm to 1 m) away from the guitar. Listen on headphones to the tone, and adjust the recorder's position to get a good balance of the tones from the strings and the body.



## String quartet

Position the CD-2u to achieve the best balance of sound between each instrument. Typically, the optimum distance will be about 10 to 12 feet (3 to 4 m) away from the center of the ensemble.



## Band or orchestra

To record a large ensemble, use external microphones and elevate them above the center of the group. This will achieve the best balance between all the instruments.



Watch these videos to see the CD-2u in action!

<http://roland.cm/cd2u>

# For Private Lessons



## Useful Features

- Easily make great-sounding recordings anywhere with nothing more than the CD-2u.



### High-quality stereo mic

See more,  
>>> **P.12**

- Make custom CDs of your lesson materials.



### CD Burning

See more,  
>>> **P.13**

- The CD-2u is simple to operate — anyone can use it right out of the box.



### Easy operation

See more,  
>>> **P.12**

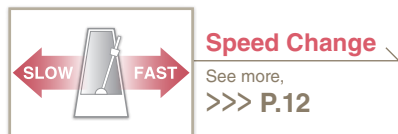
- The onboard tuner and metronome are useful for lessons.
- Built-in speakers deliver excellent sound quality.

# For Dance Lessons



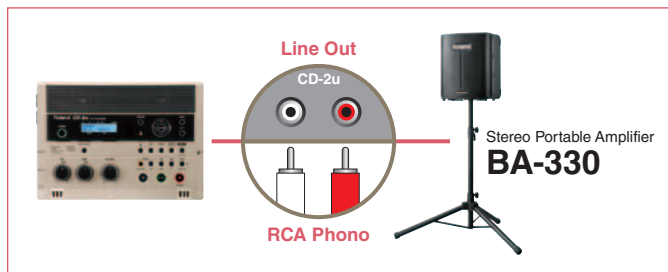
## Increase or decrease the playback speed to the best tempo for dancing.

When learning new choreography, it can be easier to start at a slower tempo. The Speed Change function lets you play music slowly without changing the pitch, allowing you to progress gradually and improve smoothly. You can also increase the playback speed by up to two times for advanced dancing and exercise classes.



## Practice difficult steps as many times as you like.

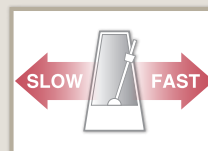
Learning to dance is about using your whole body, so repetition is a key to becoming a better dancer. If you have any passages or movements that are particularly difficult to perform, set that section to "A-B Repeat" and practice it as many times as you like. This is a very useful feature for practicing the same steps over and over again.





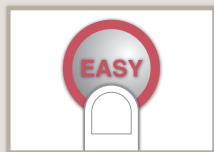
## High-quality stereo mic

The built-in condenser microphones are superior quality and mounted at the optimal aural position to create natural stereo imaging. Regardless of what you are recording or where, you can record a true stereo sound, clearly and distinctly.



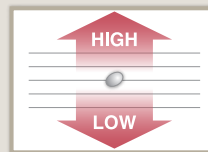
## Speed Change

Speed Change allows you to change the tempo without changing pitch. With the ability to change the speed between 50% and 200% with excellent audio quality, this is a great practice tool for musical instruments or even learning foreign languages. Play a song slowly to check the rhythm and nuance, then speed it up to performance tempo while you play.



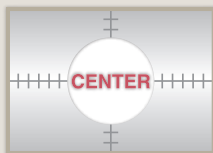
## Easy operation

The CD-2u makes it simple for anyone to make great recordings. Illuminated buttons and large knobs eliminate confusion, while the intuitive Easy Guide function walks you through operations that require multiple actions in a step-by-step fashion — everything from basic Recording and Rehearsal to Overdub and Karaoke.



## Key Change

The Key Change button allows you to change the pitch (key) without changing the speed. For example, you can adjust the key of a lesson CD for practicing, or change the key of a karaoke CD so that it matches your vocal range. You can make adjustments in one-cent or half-step increments, and the audio will maintain its original quality — even if you adjust the key 12 half steps up or down.



## Center Cancel/ Center Focus

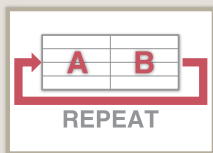
The Center Cancel function reduces the volume of the vocal or instrument in the center of the stereo image, allowing you to create a simple karaoke or “minus-one” track for practicing. In contrast, the Center Focus function reduces the level of the accompaniment and highlights the lead vocal or instrument so you can easily learn the part by ear.



## CD Burning

CD-2u

The CD-2u comes with a built-in CD drive, so you can do everything from recording to CD burning all in one device. Create CDs for karaoke, lessons, and auditions, and burn recordings of performances immediately to distribute to your group. You can burn audio that was originally recorded to the SD card, or record direct in real time to a CD-R/RW disc.



## A-B Repeat

The useful A-B Repeat function allows you to play back a specific audio section over and over again, looping between a designated start point (point A) and end point (point B). Together with the Speed Change, this can be very useful in a variety of situations, such as playing by ear or analyzing complex passages. It's also great for practicing choreography, learning foreign languages, and more.



## Battery Operation

Both the CD-2u and SD-2u support battery-powered operation. With six AA-size alkaline or rechargeable Ni-MH batteries, you can record up to 5.5 hours\* without a power supply\*\*.

\* When you use Ni-MH batteries, expected battery life is approx. 6 hours.

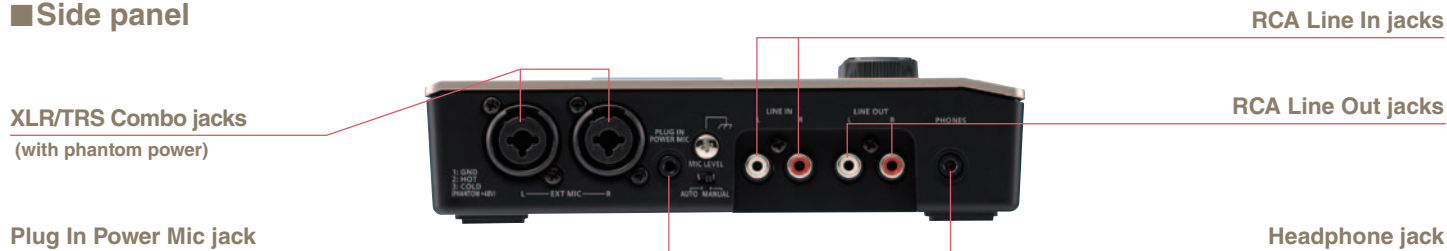
\*\* When using the CD-2u with battery power, only SD playback and recording are available. The included AC adaptor is required for all CD drive functions.

# Easy-to-use operation panel

## ■ Top panel



## ■ Side panel



### SD card-only model with pearl white finish.



## SD-2u SD RECORDER



\*Compatible with up to 16 GB SDHC cards.

The SD-2u is a simple, SD card-only model that comes in an attractive pearl white finish. It offers the same great features as the CD-2u, minus the built-in CD drive. This makes it ideal for those who need recording, playback, and practicing functionality without the use of CDs.

An extensive range of options are available that expand the uses of the CD-2u/SD-2u.



Carrying Case  
**CB-CD2E**



Stereo Portable Amplifier  
**BA-330**



BLACK



WHITE

Battery Powered Portable Amplifier  
**BA-55**



Speaker Stand  
for BA-330/BA-55  
**ST-A95**



Battery Powered  
Stereo Amplifier  
**MOBILE BA**



Stereo Microphone  
**CS-15RS**



Stereo Headphones  
**RH-300**



## ■ CD-2u/SD-2u Main specification

Recorder Part (SD-2u supports SD/SDHC Memory Card only)	
Recording Media	CD-R/RW disc or SD/SDHC memory card
Recording Songs	Up to 99 songs on a single SD/SDHC Memory Card, CD-R, or CD-RW
Input/Output	
Audio Input	Internal Stereo Microphones EXT MIC (L, R) jacks: XLR type (balanced/phantom power DC 48 V, 8 mA Max.), 1/4-inch TRS phone type (balanced/unbalanced) PLUG IN POWER MIC jack: Stereo miniature phone type LINE IN (L, R) jacks: RCA phono type
Audio Output	Internal Speakers: Stereo LINE OUT (L, R) jacks: RCA phono type PHONES jack: Stereo miniature phone type
Others	
Power Supply	AC adaptor Alkaline battery (AA, LR6) x 6 Rechargeable Ni-MH battery (HR6) x 6
Current Draw	CD-2u: 1,000 mA SD-2u: 700 mA
Expected battery life under continuous use	Alkaline battery (AA, LR6): Approx. 5.5 hours Rechargeable Ni-MH battery (AA, HR6): Approx. 6 hours * The time may vary according to usage conditions, batteries used, and type of SD memory card used.
Accessories	Owner's Manual, Quick Start, Remote controller (with battery CR2025), AC adaptor, Power cord, SD memory card, SD card protector, CD-R disc (Blank media/bundled with CD-2u only)
Dimensions	278 (W) x 196 (D) x 55 (H) mm 11 (W) x 7-3/4 (D) x 2-3/16 (H) inches
Weight	CD-2u: 1.4 kg (3 lbs 2 oz) SD-2u: 1.1 kg (2 lbs 7 oz) * Excl. batteries and AC adaptor

## ■ CD-R or CD-RW disc

Disc Capacity	Recording Time
650MB	74 min
700MB	80 min

## ■ SD Memory Card

(supports 512 MB to 16GB, SDHC format compatible)

Disc Capacity	Recording Time
2GB	189 min
4GB	377 min
8GB	755 min
16GB	1,511 min

- \* Each recording time is approximate. The times may change depending on the card specifications.
- \* In case that there are plural files, the sum of recording time would be shorter than above.
- \* Maximum recording time of one song is 74 minutes.

- It is forbidden by law to make an audio recording, video recording, copy or revision of a third party's copyrighted work (musical work, video work, broadcast, live performance, or other work), whether in whole or in part, and distribute, sell, lease, perform, or broadcast it without the permission of the copyright owner. Do not use this product for purposes that could infringe on a copyright held by a third party. We assume no responsibility whatsoever with regard to any infringements of third-party copyrights arising through your use of this product.
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