D01176620C

TASCAM RC-900

Remote Control Unit

OWNER'S MANUAL



Important Safety Information



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flash with arrowhead symbol, within 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 to persons.

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.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

- For U.S.A. -

TO THE USER

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

CAUTION

Changes or modifications to this equipment not expressly approved by TEAC CORPORATION for compliance could void the user's authority to operate this equipment.

In North America use only on 120V supply.

This appliance has a serial number located on the rear panel. Please record the model number and serial number and retain them for your records.

Model number

Serial number

For European Customers

Disposal of electrical and electronic equipment

- (a) All electrical and electronic equipment should be disposed of separately from the municipal waste stream via collection facilities designated by the government or local authorities.
- (b) By disposing of electrical and electronic equipment correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.
- (c) Improper disposal of waste electrical and electronic equipment can have serious effects on the environment and human health because of the presence of hazardous substances in the equipment.
- (d) The Waste Electrical and Electronic Equipment (WEEE) symbol, which shows a wheeled bin that has been crossed out, indicates that electrical and electronic equipment must be collected and disposed of separately from household waste.



(e) Return and collection systems are available to end users. For more detailed information about the disposal of old electrical and electronic equipment, please contact your city office, waste disposal service or the shop where you purchased the equipment.

WARNING

This is a Class A product. In a domestic environment, this product may cause radio interference in which case the user may be required to take adequate measures.

DECLARATION OF CONFORMITY

F

We, TEAC EUROPE GmbH. Bahnstrasse 12, 65205 Wiesbaden-Erbenheim, Germany declare in own responsibility, the TEAC product described in this manual is in compliance with the corresponding technical standards.

- **CE** Marking Information
- a) Applicable electromagnetic environment: E4
- b) The average half-cycle r.m.s. inrush current
 - 1. On initial switch-on : 0.11Arms
 - 2. After a supply interruption of 5s: 0.55Arms

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings.
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with dry cloth.
- 7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11 Only use attachments/accessories specified by the manufacturer.
- 12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 13 Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.
- The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- Caution should be taken when using earphones or headphones with the product because excessive sound pressure (volume) from earphones or headphones can cause hearing loss.
- If you are experiencing problems with this product, contact TEAC for a service referral. Do not use the product until it has been repaired.

CAUTION

- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- Do not install this apparatus in a confined space such as a book case or similar unit.
- The apparatus should be located close enough to the AC outlet so that you can easily grasp the power cord plug at any time.
- If the product uses batteries (including a battery pack or installed batteries), they should not be exposed to sunshine, fire or excessive heat.
- CAUTION for products that use replaceable lithium batteries: there is danger of explosion if a battery is replaced with an incorrect type of battery. Replace only with the same or equivalent type.

WARNING

• Products with Class I construction are equipped with a power supply cord that has a grounding plug. The cord of such a product must be plugged into an AC outlet that has a protective grounding connection.

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Thank you very much for purchasing a TASCAM RC-900 Remote Control Unit.

This universal remote control unit is compatible with numerous TASCAM devices, including recorders and CD players.

The supported models are the CD-9010CF, CD-9010, CD-6010, HS-2, HS-2000, HS-4000, SS-CDR200 and SS-R200. By connecting one of these supported devices, you can make its operation even easier.

Please read this manual thoroughly before using the unit so that you understand correct operating procedures and can use its functions fully. We hope that you enjoy using this unit for many years.

Please keep this manual so that you can refer to it at any time. A digital copy of this manual can also be downloaded from our website (http://tascam.com/).

Features

- Number (0–9) buttons can be used to select tracks (takes) and search within tracks by time
- JOG dial that can be used for searching
- Transport operation equivalent to on the connected device is possible
- The built-in function (F1–F5) buttons are assigned useful functions according to the connected device
- The F5 function button, which itself lights and includes a guard, is assigned the important ONLINE and RECORD functions
- Up to 4 cue points can be set (when the connected machine is a CD-9010CF, CD-9010 or CD-6010)

Included items

This product includes the following items.

Take care when opening the package not to damage the items. Keep the packing materials for transportation in the future. Please contact TASCAM if any of these items are missing or have been damaged during transportation.

CAUTION

Always use the included TASCAM PS-P520AC adaptor and AC adaptor power cord with this unit. Do not use the included AC adaptor and AC adaptor power cord with other equipment. Misuse of the adaptor or its power cord could cause damage, fire or electric shock.

NOTE

The RS-232C connector adapter is used when updating this unit's firmware with a computer.

Conventions used in this manual

In this manual, we use the following conventions:

- Buttons, connectors and other parts of the unit and external devices are indicated like this: **TIME SET**
- Text displayed on the LCD display of the unit and external devices appears like this: DN.
- CD-DA format discs are sometimes called "audio CDs."
- CDs that contain audio files in MP3 or WAV formats are called "data CDs."
- For information about the types of media supported by a connected device, please refer to its Owner's Manual.
- Additional information is provided as necessary as tips, notes and cautions.

TIP

These are tips about how to use the unit.

NOTE

These provide additional explanations and describe special cases.

CAUTION

Failure to follow these instructions could result in injury, damage to equipment or lost recording data, for example.

Trademarks

- TASCAM is a registered trademark of TEAC Corporation.
- Other company names, product names and logos in this document are the trademarks or registered trademarks of their respective owners.

Precautions for placement

- The operating temperature should be between 5°C and 35°C (41°F and 95°F).
- Do not install in the following types of places. Doing so could degrade the sound quality and/or cause malfunctions.
- Places with significant vibrations or that are otherwise unstable
- · Near windows or other places exposed to direct sunlight
- Near heaters or other extremely hot places
- Extremely cold places
- · Places with bad ventilation or high humidity
- Very dusty locations
- Use this unit on a level surface.
- Do not place this product on top of a powered amplifier or other equipment that emits heat.

Beware of condensation

If the unit is moved from a cold to a warm place, or used immediately after a cold room has been heated or otherwise exposed to a sudden temperature change, condensation could occur. Should this happen, leave the unit for one or two hours before turning the unit on.

Cleaning the unit

To clean the unit, wipe it gently with a soft dry cloth. Do not wipe with chemical cleaning cloths, paint thinner, ethyl alcohol or other chemical agents to clean the unit as they could damage the surface.

Once every five years, please contact the retailer where you purchased the unit or a TASCAM service center for internal cleaning. If the unit is not cleaned for a long time and dust is allowed to accumulate inside it, fire or malfunction could result. Cleaning is more effective when conducted before the humid season. Please check with us about the cost of internal cleaning.

For China

产品有毒有害物质或元素的名称及含量

机种:RC-900		有毒有害物质或元素					
	已夕	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
	阳冶	(Pb)	(Hg)	(Cd)	(Cr6+)	(PBB)	(PBDE)
1	CHASSIS 部份	0	0	0	0	0	0
2	PCB Assy 部份	×	0	0	0	0	0
3	线材部份	0	0	0	0	0	0
4	附属品部份	0	0	0	0	0	0
5	LABEL 部份	0	0	0	0	0	0
6	包装部份	0	0	0	0	0	0

○:表示该有毒有害物质在该部件所有均质材料中的含有量均在 SJ/T11363-2006 标准规定的限量要求以下。

×:表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。 (针对现在代替技术困难的电子部品及合金中的铅)

2 – Names and functions of parts

Top panel



1 Display

This shows the track (take) number, time, operation status, setting selections, execution confirmation messages and other information.

2 REMAIN button/indicator

Use this button to switch the time displayed on this unit between track (take) elapsed time and track (take) remaining time.

This button only affects the time displayed on this unit, allowing you to change what is shown independently from the main device connected to it. The indicator lights when the remaining time is shown.

When used with an HS-2, HS-2000, HS-4000, SS-CDR200 or SS-R200:

The remaining time shown during recording is the remaining time for the entire media.

NOTE

- When using an HS-2, HS-2000 or HS-4000, the track remaining time cannot be shown in timeline mode, and the REMAIN button is disabled.
- When using a CD-6010, during playback of a data CD, the track remaining time cannot be shown in timeline mode, and the REMAIN button is disabled.

③ TIME SET button

When the playback mode is continuous or single, press this button to enable time input in the track (take) time display area. Use the number **(0–9)** buttons to input the time.

4 Number (0–9) buttons

When the playback mode is continuous or single, use these to select tracks (takes). You can also use these to input the time after pressing the **TIME SET** button.

NOTE

When using an HS-2, HS-2000 or HS-4000, you cannot select a track (take) in timeline mode.

(5) ESC/CLR [MACHINE SEL] button

Press to clear a track (take), time or cue point selection. Press to cancel an operation when being confirmed. When stopped, press while pressing and holding the **SHIFT** button to select the connected unit (machine selection). (See "Setting the connected machine type" on page 12.)

Press to cancel machine selection.

While pressing and holding this button, turn the **JOG** dial to adjust this unit's display brightness.

When using a CD-9010CF, CD-9010 or CD-6010:

While pressing and holding this button, press a function **(F1-F4)** button that has a registered cue point to clear that cue point. (See "Clearing a cue point" on page 16.)

NOTE

Using this unit's controls, you can only adjust the brightness of this unit's display. You cannot adjust the brightness of another connected unit.

2 – Names and functions of parts

6 ENTER button

Press to confirm the execution of an operation. Press to confirm machine selection.

While pressing and holding this button, turn the **JOG** dial to adjust the brightness of this unit's **REMAIN** and function **(F1–F4)** indicators, and function **(F5)**, **PAUSE**, **PLAY** and **JOG** buttons.

NOTE

Using this unit's controls, you can only adjust the brightness of this unit's indicators and buttons. You cannot adjust the brightness of another connected unit.

7 SHIFT button

When stopped, while pressing and holding this button, press the **ESC/CLR [MACHINE SEL]** button to select the connected unit (machine selection). (See "Setting the connected machine type" on page 12.)

While pressing and holding this button, turn the **JOG** dial to adjust the contrast of this unit's display.

When using an HS-2, HS-2000 or HS-4000:

- While pressing and holding this button, press the TRACK I button to move to the previous mark and stop, enter playback standby or start playback.
- While pressing and holding this button, press the TRACK >> I button to move to the next mark and stop, enter playback standby or start playback.
- While pressing and holding this button, press the **JOG** [SHUTTLE] button to enter shuttle operation mode.
- While pressing and holding this button, press the STOP [RETAKE] button to retake (erase the last recorded take).
- While pressing and holding this button, press the CALL [CHASE] button to turn timecode synchronization ON or OFF.

When using a CD-9010CF or CD-9010:

While pressing this button, press the TRACK \rightarrow I button to check the last part of the track for the amount of time from the end set using the END CHECK item in the PLAY menu. (See "Checking the last part of a track" on page 17.)

NOTE

Using this unit's controls, you can only adjust the contrast of this unit's display. You cannot adjust the contrast of another connected unit.

8 MARK/CUE SET button

When using a CD-9010CF, CD-9010 or CD-6010:

When stopped, in playback standby or playing back, press this button to add a cue point. When you do this, a CUE SET pop-up will appear showing the number of the new cue point.

Each time you add a cue point, an indicator lights above a function (**F1-F4**) button. This unit can add cue point numbers 1–4, and they correspond to the function (**F1-F4**) buttons.

While pressing and holding this button, press a function **(F1–F4)** button to assign a cue point to that button. (See "Adding cue points using this unit's buttons" on page 16.)

When using an HS-2, HS-2000 or HS-4000:

Press this button to add a mark at the current location. (See "Adding marks" on page 16.)

(9) PAUSE button/indicator

When using a CD-9010CF or CD-9010:

This has the same function as the **STANDBY** button. When stopped or during jog playback, press this button to enter playback standby at that point. During monitoring playback, the result of pressing this button depends on the setting of the MONITOR PLAY STBY item in the PLAY menu. If it is set to BACK CUE, press to locate to the last cue point (the point where monitoring playback was last started) and enter playback standby. If it is set to NORMAL, press to enter playback standby at the current location.

During online playback, the result of pressing this button depends on the playback mode.

Playback mode	Function
CONTINUE	If the ONLINE PLAY STBY item in the
SINGLE	PLAY menu is set to NORMAL, the main unit will enter playback standby at the current location.
	If set to BACK_CUE, the main unit will locate the last cue point and enter playback standby.
PROGRAM	If the ONLINE PLAY STBY item in the PLAY menu is set to NORMAL, the main unit will enter playback standby at the beginning of the next track (take).
	If set to BACK_CUE, the main unit will locate the last cue point and enter playback standby.

This button lights when in playback standby.

When using a CD-6010:

Press when stopped or playing back to enter playback standby.

This button lights when in playback standby.

When using an HS-2, HS-2000, HS-4000, SS-CDR200 or SS-R200:

Press when stopped or playing back to enter playback standby.

Press when recording to enter recording standby.

This button lights when in playback or recording standby. When using an SS-CDR200 or SS-R200:

This has the same function as the **READY** button.

(10) Function (F1–F4) buttons/indicators

The functions assigned to the function (**F1-F4**) buttons depend on the machine type selected. (See "Function button assignments according to machine selection" on page 12.)

(11) CALL [CHASE] button

When using a CD-9010CF or CD-9010: Press to locate to the last cue point that was automatically

added and enter playback standby. When using a CD-6010, HS-2, HS-2000, HS-400, SS-CDR200 or SS-R200:

Press to locate to the call point (the point where playback last started from playback standby) and enter playback standby.

When using an HS-2, HS-2000 or HS-4000:

Press while pressing and holding the **SHIFT** button to turn timecode synchronization ON or OFF.

NOTE

When using a CD-9010CF or CD-9010 (only), a cue point is automatically added in the following cases:

- At the position where the transport was stopped or in playback standby when you start monitoring playback.
- At the current position when you press the **PAUSE** button when in JOG mode.

12 STOP [RETAKE] button

When using a CD-9010CF, CD-9010 or CD-6010: Press to stop playback.

When using an HS-2, HS-2000, HS-4000, SS-CDR200 or SS-R200:

Press to stop recording or playback.

When using an HS-2, HS-2000 or HS-4000:

Press while pressing and holding the **SHIFT** button to retake (erase the last recorded take).

13 F5 function button/indicator

The functions that can be assigned to this button differ depending on the selected connected unit. (See "Function button assignments according to machine selection" on page 12.)

(14) PLAY button/indicator

When using a CD-9010CF, CD-9010 or CD-6010:

Press when stopped or in playback standby to start playback. This button lights during playback.

When using an HS-2, HS-2000, HS-4000, SS-CDR200 or SS-R200:

Press when stopped or in playback standby to start playback.

Press when in recording standby to start recording. This button lights during recording and playback.

When using a CD-9010CF or CD-9010 and the machine selection is "1: CD-9010 [A]", or when using an HS-2000 or HS-4000 and the machine selection is "4: HS [B] (ONLINE)":

If the online playback mode is ON (**F5** button lit), signals are output from the connected unit's LINE OUTPUT jacks and DIGITAL OUTPUT connectors and online playback begins. If the online playback mode is OFF (**F5** button unlit), signals are output from the **MONITOR OUTPUT** and **PHONES** jacks.

When using a CD-9010CF or CD-9010:

Online playback can only be activated during playback standby, monitoring playback and jog playback.

When using a CD-9010CF or CD-9010 and the machine selection is "6: CD-9010 [B]":

Press this button to start monitoring playback. During monitoring playback, audio will be output from the MONITOR OUTPUT and PHONES jacks of the main unit, and this button will light.

(15) **TRACK** $| \neq \neq / \rightarrow \rightarrow |$ [MARK $| \neq \neq / \rightarrow \rightarrow |$] buttons Use to search tracks (takes).

When using an HS-2, HS-2000 or HS-4000:

Press while pressing and holding the **SHIFT** button to move between marks. After moving to a mark, the previous state (stopped, playback standby, or playing back) resumes. (See "Locating to marks" on page 16.)

When using a CD-9010CF or CD-9010:

While pressing the SHIFT button, press the TRACK ►►I button to check the last part of the track for the amount of time from the end set using the END CHECK item in the PLAY menu.

(See "Checking the last part of a track" on page 17.)

16 SEARCH **◄◄/►►** [FAST] buttons

Press and hold one of these buttons to search. While pressing the **SEARCH** ►► (or **SEARCH** ◄◄) button to search, you can change the search speed by pressing the other **SEARCH** ◄◄/►► button.

NOTE

 When using an SS-CDR200 or SS-R200, the search speed cannot be increased with this operation. • When using a CD-6010, the SEARCH ◀◀/▶▶ [FAST] buttons are disabled during data CD playback.

17 JOG dial

Use the **JOG** dial to search.

Turn this dial while pressing and holding the **ENTER** button to adjust the brightness of this unit's **REMAIN** and function (**F1–F4**) indicators, and function (**F5**), **PAUSE**, **PLAY** and **JOG** [**SHUTTLE**] buttons.

Turn this dial while pressing and holding the **SHIFT** button to adjust the contrast of this unit's display.

Turn this dial while pressing and holding the **ESC/CLR** [MACHINE SEL] button to adjust this unit's display brightness.

Use also when selecting the connected unit (machine selection).

When using a CD-9010CF, CD-9010, CD-6010, SS-CDR200 or SS-R200:

When in jog mode, turn the **JOG** dial right to change the playback position in frames (forward).

When in jog mode, turn the **JOG** dial left to change the playback position in frames (backward).

When using an HS-2, HS-2000 or HS-4000:

When in jog mode, the playback speed will change and the jog playback position will move according to the amount turned.

When in shuttle operation mode, the shuttle playback speed will change according to the degree that this dial is turned.

In shuttle operation mode, returning to the original position restores the transport status to how it was before shuttle playback.

NOTE

Using this unit's controls, you can only adjust the contrast and brightness of this unit. You cannot adjust the contrast and brightness of another connected unit.

10G [SHUTTLE] button/indicator When using a CD-9010CF, CD-9010, CD-6010, SS-CDR200 or SS-R200:

Press this button to enable use of the **JOG** dial during monitoring playback to move the playback point by frames.

This button lights when in jog mode. When in jog mode, press the **JOG** [**SHUTTLE**] button to enter playback standby.

When using an HS-2, HS-2000 or HS-4000:

Press to enter jog mode and use the **JOG** dial for jog playback. In this mode, the **JOG** [**SHUTTLE**] indicator lights.

Press while pressing and holding the **SHIFT** button to enter shuttle operation mode and use the **JOG** dial as a shuttle dial. In this mode, the **JOG** [**SHUTTLE**] indicator blinks. Press this button again to exit either mode.

NOTE

- During online playback, the JOG [SHUTTLE] button is disabled (when using a CD-9010CF or CD-9010).
- When using a CD-6010, during data CD playback, the JOG [SHUTTLE] button is disabled.
- Use this unit's JOG [SHUTTLE] button to turn jog/shuttle mode ON and enable use of its JOG dial. Depending on the type of main unit connected, turning this unit's jog and shuttle modes ON might be possible. However, turning jog or shuttle mode ON using the connected main unit might not turn jog or shuttle mode ON for this unit.

2 – Names and functions of parts

Rear panel



19 Cord holder

Use this to hold the cord of the included TASCAM PS-P520 AC adaptor to prevent it from becoming accidentally disconnected.

20 DC IN 5V connector

Connect the included TASCAM PS-P520 AC adaptor here.

21 STANDBY/ON switch

Set this switch to ON to turn the unit's power ON. Set it in the other direction to turn the power OFF.

22 TO DEVICE connector

Use the included RS-232C connection cable to connect units other than CD-9010CF and CD-9010 models. Before use, set the **RS-232C SEL** switch to ◀.

CAUTION

Before disconnecting the connection cable, always turn OFF the power of both this unit and the connected unit. Connecting this cable with the power on could damage the unit.

Display

This unit's display shows the following information.



In audio CD mode



In data CD and CF/SD/USB modes

23 RS-232C SEL switch

Use to select the active unit connector. Set the switch to ◀ to activate the **TO DEVICE** connector. Set the switch to ► to activate the **TO CD-9010** connector.

24 TO CD-9010 connector

Use to connect this unit with a CD-9010CF or CD-9010. Before use, set the **RS-232C SEL** switch to \blacktriangleright . You will need to prepare a separate connection cable.

CAUTION

Before disconnecting the connection cable, always turn OFF the power for both this unit and the connected CD-9010CF or CD-9010. Connecting this cable with the power on could damage the unit.

1 Track (take) number

This shows the track (take) number.

2 Track (take) time

This shows the time of the current track (take). Depending on the media being played back, the content of this will differ. When using an HS-2, HS-2000 or HS-4000, this will only appear in CF/SD/USB mode.

Playback media	Information shown		
Audio CD	Minutes, seconds, frames		
Data CD			
CF card	Hours minutos socondo framos		
SD card	Hours, minutes, seconds, frames		
USB memory			

Press the **REMAIN** button to switch between elapsed time and remaining time. The **REMAIN** indicator lights when the remaining time is shown.

Making connections

In order to use this unit, connect it to the main unit in one of the following manners as appropriate.

Connecting with a CD-9010CF or CD-9010

Use a serial connection cable to connect the **TO CD-9010** connector on the rear panel of this unit with the **REMOTE (SERIAL)** connector on the CD-9010CF/CD-9010 unit. Set the **RS-232C SEL** switch to ►.



CAUTION

Before disconnecting the connection cable, always turn OFF the power for both this unit and the connected CD-9010CF or CD-9010. Connecting this cable with the power on could damage the unit.

Connecting other devices

Connect the **TO DEVICE** connector on the rear panel of this unit with the RS-232C connector on the other unit with the included cable. Set the **RS-232C SEL** switch to **4**.



Example of connection with an SS-CDR200/SS-R200

CAUTION

Before disconnecting the connection cable, always turn OFF the power of both this unit and the connected unit. Connecting this cable with the power on could damage the unit.

Powering the unit

Connect the included TASCAM PS-P520 AC adaptor to that **DC IN 5V** connector, as shown in the illustration.



The rear panel has a **cord holder** that can be used to secure the AC adaptor cord. Pass the cord through the holder to prevent it from becoming accidentally disconnected during use.



CAUTION

- Always use the included TASCAM PS-P520 AC adaptor and AC adaptor power cord with this unit. Use of another adapter or cord could cause malfunction, fire or electric shock.
- This unit receives its power through the TASCAM PS-P520 AC adaptor. No power is supplied through the connection cable.

Turning the power ON

Set the **STANDBY/ON** switch on the rear panel to ON.

Setting the connected machine type

When stopped, while pressing and holding the **SHIFT** button, press the **ESC/CLR [MACHINE SEL]** button to enable the machine type to be set (machine selection).

1. The current setting for the connected machine is shown on this unit's display as follows.

Display	Models supported		
1: CD-9010 [A]	CD-9010CF, CD-9010		
2: CD-6010	CD-6010		
3: HS [A] (REC)	HS-2, HS-2000, HS-4000		
4: HS [B] (ONLINE)	HS-2, HS-2000, HS-4000		
5: SS-CDR200/R200	SS-CDR200, SS-R200		
6: CD-9010 [B] ¹	CD-9010CF, CD-9010		

¹ When this setting is active, the setting for the ONLINE FUNCTION item in the SYSTEM menu of the CD-9010CF or CD-9010 will be automatically set to "AlwaysON". In addition, pressing the PLAY button will start monitoring playback.

- 2. Turn this unit's **JOG** dial to change the setting. You can also change the setting by pressing the corresponding number button.
- Press this unit's ENTER button to confirm the selection. Press this unit's ESC/CLR [MACHINE SEL] button to cancel changing the selection and keep the setting shown in step 2.

CAUTION

If the setting for the connected unit is incorrect, the units will not operate together correctly.

NOTE

- The functions assigned to the function (F1-F5) buttons depend on the machine type selected. (See "Function button assignments according to machine selection" below.)
- This setting is retained even when this unit's power is turned OFF.

Function button assignments according to machine selection

Display	Function button					
	F1	F2	F3	F4	F5	
1: CD-9010 [A]	CUE No. 1 ¹	CUE No. 2 ¹	CUE No. 3 ¹	CUE No. 4 ¹	ONLINE ²	
2: CD-6010	CUE No. 1 ¹	CUE No. 2 ¹	CUE No. 3 ¹	CUE No. 4 ¹	No function	
3: HS [A] (REC)	Repeat ³	Play Mode ^₄	Divide ⁵	Delete ⁶	REC 7	
4: HS [B] (ONLINE)	Repeat ³	Play Mode ⁴	Divide ⁵	Delete ⁶	ONLINE ²	
					(no function with HS-2)	
5: SS-CDR200/R200	Repeat ³	Play Mode ^₄	Divide ⁵	Delete ⁶	REC 7	
6: CD-9010 [B]	CUE No. 1 ¹	CUE No. 2 ¹	CUE No. 3 ¹	CUE No. 4 ¹	Online playback	

¹ See "Cue point playback" on page 16.

² See "Turning online playback mode ON/OFF" on page 15.

³ See "Repeat playback" on page 16.

⁴ See "Setting the playback mode" on page 15.

⁵ See "Dividing tracks (takes)" on page 17.

⁶ See "Deleting tracks (takes)" on page 17.

⁷ See "Recording" on page 16.

Making communication settings on the main unit

In order to the use this unit, you must make the following communication settings on the connected main unit.

NOTE

Communication settings are retained even when the connected main unit's power is turned OFF.

When using a CD-9010CF or CD-9010

- 1. Press the CD-9010CF/CD-9010 **MENU** button to open the MENU screen.
- 2. Open the REMOTE menu screen.
- 3. Select (highlight) the SERIAL BAUD RATE item.
- 4. Press the CD-9010CF/CD-9010 **DATA** dial to move the cursor to the right, and select (highlight) the setting item.
- 5. Turn the CD-9010CF/CD-9010 **DATA** dial to change the setting to $\mathbb{R}^{\mathbb{C}}$.
- 6. After completing the setting, press the CD-9010CF/CD-9010 **HOME** button to return to the Home Screen.

When using a CD-6010

- 1. When the CD-6010 display is in its ordinary state, press the CD-6010 **MENU** button. The center of the CD-6010 display shows the last selected menu item.
- 2. Select menu item 13 2320. Turn the CD-6010 **TRACK SKIP/DATA** knob, and press the **TRACK SKIP/DATA** knob to confirm the selection.
- 3. Set the item to 384. Turn the CD-6010 **TRACK SKIP/DATA** knob, and press the **TRACK SKIP/DATA** knob to confirm the selection.
- 4. Press the CD-6010 MENU button to exit menu mode.

When using an HS-2, HS-2000 or HS-4000

- 1. Press the HS-2/HS-2000/HS-4000 **MENU** key to open the MENU screen.
- 2. Touch the REMOTE SETUP button to open the REMOTE SETUP screen.
- 3. Touch the $\tt R52320$ tab at the bottom of the screen to open the RS232C page.
- 4. Use the buttons on the screen to make the following settings.

Serial Mode	:	RS-232C
Baud Rate (bps)	:	38400
DATA Length	:	8 (bits)
Parity Bit	:	NONE
Stop Bit	:	1

5. Press the HS-2/HS-2000/HS-4000 **HOME** key to return to the Home Screen.

When using a SS-CDR200/SS-R200

- 1. Press the SS-CDR200/SS-R200 **MENU [JOG]** button to open the MENU screen.
- 2. Open the UTILITY menu screen.
- 3. Select (highlight) the RS-2320 item.
- 4. Press the SS-CDR200/SS-R200 **MULTI JOG** dial to open the R5-2320 screen.

s

5. Make the following settings on the $\ensuremath{\texttt{RS-2320}}$ screen.

BAUD RATE	:	38400	bF
PARITY BIT	:	NON	
STOP BIT	:	1	
DATA LENGTH	:	8	

6. After making the settings, press the SS-CDR200/SS-R200 **HOME/DISPLAY** button to return to the Home Screen.

Adjusting the display and indicators

You can adjust the contrast and brightness of this unit's display and the brightness of its indicators as necessary.

Adjusting display contrast

Turn the **JOG** dial while pressing and holding the **SHIFT** button to adjust the contrast of this unit's display.



NOTE

- The display contrast setting is retained even when the unit's power is turned OFF.
- This operation only adjusts the contrast of this unit's display. This unit cannot adjust the contrast of the connected main unit.

Adjusting display brightness

Turn the **JOG** dial while pressing and holding the **ESC/CLR** [MACHINE SEL] button to adjust the brightness of this unit's display.



NOTE

- The display brightness setting is retained even when the unit's power is turned OFF.
- This operation only adjusts the brightness of this unit's display. This unit cannot adjust the brightness of the connected main unit.

Adjusting indicator brightness

Turn the **JOG** dial while pressing and holding the **ENTER** button to adjust the brightness of this unit's indicator.



NOTE

- The indicator brightness setting is retained even when the unit's power is turned OFF.
- This operation only adjusts the brightness of this unit's indicators. This unit cannot adjust the brightness of the connected main unit.

Turning online playback mode ON/ OFF

You can enable use of the online function when the connected machine is a CD-9010, CD-9010CF, HS-2, HS-2000 or HS-4000 and the machine select setting is 1: CD-9010[A] or 4: HS [B] (ONLINE). (See "Setting the connected machine type" on page 12.)

When use of the online function is enabled, you can press the **F5 (ONLINE)** function button to turn online playback mode ON and OFF. (The procedure for enabling use of the online playback function depends on the connected machine. Please refer to its Owner's Manual.)

Depending on whether online playback is ON or OFF, the audio output method differs. For details, please refer to the Owner's Manual for the connected machine.

TIP

When the connected unit is a CD-9010CF or CD-9010, if the connected device setting is "6: CD- 9010 [B]", the online playback mode will always be on and the F5 button can be used for online playback and the PLAY button can be used for monitoring playback.

Setting the playback mode

You can set the playback mode when the connected machine is an HS-2, HS-2000, HS-4000, SS-CDR200 or SS-R200, and the machine selection setting is 3: HS [A] (REC), 4: HS [B] (ONLINE) or 5: SS-CDR200/R200. (See "Setting the connected machine type" on page 12.)

Depending on the connected machine, the playback mode types differ. For details, please refer to the Owner's Manual for the connected machine.

You can press the **F2** function button to change the playback mode. Press the **F2** function button to cycle through the modes available.

In single playback mode, the **F2** function indicator (button) lights. In all other playback modes, the **F2** function indicator stays unlit.

Selecting the playback position

Selecting tracks (takes)

Use the **TRACK** | < < / >> | [MARK | < < / >> |] buttons to select (skip to) tracks (takes).

I descent to return to the beginning of that track (take). Press when the elapsed time is at least one second to return to the beginning of that track (take). Press when the elapsed time is less than one second to skip to the beginning of the previous track (take).

►► I button: Press to skip to the beginning of the next track (take). Press again to skip to the beginning of the track (take) after that.

NOTE

In program playback mode, uses these buttons to skip to the previous or next track (take) in program order.

Operation after track (take) selection

Operation after using the **TRACK** I (MARK I ()) [MARK I ()) buttons to select a track (take) depends on the settings of the connected machine. For details, please refer to the Owner's Manual for the connected machine.

Designating a track (take) number

When stopped, in playback standby or playing back (except online playback) and the playback mode is continuous or single, you can use the number **(0–9)** buttons to set the track (take) number. Enter two digits for audio CDs, and three digits for data CDs, CF cards, SD cards and USB flash drives. (For example, press the **0** button followed by the **2** button to select track 2 on an audio CD.)

0	
	Display in audio CD mode
<u> </u>	

Display in data CD, CF card, SD card and USB modes

NOTE

- Press the ESC/CLR[MACHINE SEL] button to clear an input track (take) number.
- Press the ESC/CLR[MACHINE SEL] button when the track (take) number is completely clear (all dashes) to end track (take) number designation.
- When using an HS-2, HS-2000 or HS-4000, you cannot designate a track (take) number in timeline mode.

Searching within a song track (take)

When stopped, in playback standby or playing back (except online playback), you can use the **SEARCH <**/> **>>** buttons and **JOG** dial to search within songs. In addition, you can locate to an elapsed time within a designated track (take) number.

■ Using the SEARCH < buttons

When stopped, when in playback standby or during playback(except online playback) press and hold the **SEARCH**

While pressing one of the **SEARCH** \rightarrow or \triangleleft buttons to search within a track, you can change the search speed by pressing the other **SEARCH** $\triangleleft \triangleleft / \rightarrow \rightarrow$ button.

Using the JOG dial

When stopped, in playback standby or playing back (except online playback), press the **JOG** [**SHUTTLE**] button to enter jog mode so you can use the **JOG** dial to search. (The **JOG** [**SHUTTLE**] indicator lights when in jog mode.)

Time search function

You can use the time search function when in playback standby or playing back (except online playback) to locate to a specific time in a track (take) from its beginning.

1. Press the **TIME SET** button to change this unit's display to time search mode.



Display in audio CD mode



Display in data CD, CF card, SD card and USB modes

2. When in playback standby or playing back (except online playback), use the number **(0–9)** buttons to input the elapsed time from the beginning of the track (take). Input two digits each for minutes, seconds and frames for audio

4 – Operation

CDs or hours, minutes, seconds and frames for data CDs, CF cards, SD cards and USB flash drives. The unit will locate to the input time and resume the same operation status (playing back or playback standby).

NOTE

- Time searching is not possible in program playback and random playback modes.
- Press the ESC/CLR[MACHINE SEL] button to clear an input time.
- Press the ESC/CLR[MACHINE SEL] button again when input time has been completely cleared to exit time search mode.
- Searching within a track is not possible when using a CD-6010 and playing back a data CD.

Cue point playback

You can use the cue point function when the connected machine is a CD-9010, CD-9010CF or CD-6010 and the machine selection setting is 1: CD-9010[A], 2: CD-6010 or 6: CD-9010 [B]. (See "Setting the connected machine type" on page 12.)

By setting cue points in advance, you can locate to and, for example, play back from them.

With this unit, you can use cue points 1–4, and they are assigned to the function **(F1–F4)** buttons.

When the connected machine is a CD-6010, you can also use cue points 11-14. Press the +10 button on the CD-6010 to switch between cue points 1-4 and 11-14.

In addition to these cue points, you can register other points on the connected machine, but this unit cannot use those cue points.

NOTE

With a CD-6010, you must use the **CUE** button on the CD-6010 itself to turn cue mode ON. When cue mode is ON, the indicator above the **CUE** button on that unit lights. This setting is retained even when the CD-6010's power is turned OFF.

Adding cue points using this unit's buttons

When stopped, in playback standby and during monitoring playback press the **MARK/CUE SET** button to add a cue point to a function **(F1-F4)** button.

When you do this, a CUE $\,$ SET pop-up will appear showing the number of the new cue point.



Each time you add a cue point, an indicator lights above a function **(F1-F4)** button.

While pressing and holding the **MARK/CUE SET** button, press a function **(F1–F4)** button to assign a cue point to that button.

NOTE

If you press the MARK/CUE SET button when four cue points have already been added, a CUE SET FULL pop-up appears, and no new cue point will be added.

|--|

Playback from a cue point

Press a function **(F1-F4)** button that has a lit indicator to enter playback standby at the cue point assigned to that button.

Clearing a cue point

Press a function (F1-F4) button that has a cue point assigned to it while pressing and holding the ESC/CLR[MACHINE SEL] button to clear that cue point.

Repeat playback

The repeat playback function can be used when the connected machine is an HS-2, HS-2000, HS-4000, SS-CDR200 or SS-R200 and the machine selection setting is 3: HS [A] (REC), 4: HS [B] (ONLINE) or 5: SS-CDR200/R200. (See "Setting the connected machine type" on page 12.)

In this mode, all tracks (takes) on the current device, in the current play area or in the current session will be played back repeatedly. (The tracks repeated depend on the connected unit's settings and mode. For details, please refer to the Owner's Manual for the connected machine.)

You can use the **F1** function button to turn the repeat playback mode ON and OFF. The **F1** function button lights when the repeat playback mode is ON and is not lit when it is OFF.

Mark function

You can use the Mark function when the connected machine is an HS-2, HS-2000 or HS-4000 and the machine selection setting is 3: HS [A] (REC) or 4: HS [B] (ONLINE). (See "Setting the connected machine type" on page 12.)

Adding marks

Press this unit's **MARK/CUE SET** button to add a mark at the current recording or playback position. Depending on the connected machine and its settings, marks can also be added automatically.

Restrictions and precautions related to marks depend on the connected unit. For details, please refer to the Owner's Manual for the connected machine.

Locating to marks

Press the **TRACK** | < < / > > | [MARK | < < / > > |] button while pressing and holding the**SHIFT**button to locate to the previous or next mark.

Recording

Recording is possible when the connected machine is an HS-2, HS-2000, HS-4000, SS-CDR200 or SS-R200 and the machine selection setting is 3: HS [A] (REC) or 5: SS-CDR200/ R200. (See "Setting the connected machine type" on page 12.)

When stopped, press the **F5** function button to begin recording standby. In this state, the **F5** function and **PAUSE** buttons light.

When in recording standby, press the **PLAY** button to start recording. Restrictions and precautions related to recording depend on the connected unit. For details, please refer to the Owner's Manual for the connected machine.

Editing tracks (takes)

You can edit tracks (takes), when the connected machine is an HS-2, HS-2000, HS-4000, SS-CDR200 or SS-R200 and the machine selection setting is 3: HS [A] (REC), 4: HS [B] (ONLINE) or 5: SS-CDR200/R200. (See "Setting the connected machine type" on page 12.)

NOTE

When using an HS-2, HS-2000 or HS-4000, you cannot edit tracks (takes) in timeline mode.

Dividing tracks (takes)

You can divide one track (take) at the point you want into two tracks (takes). Restrictions and precautions related to dividing depend on the connected machine.

For details, please refer to the Owner's Manual for the connected machine.

Using this function with an SS-CDR200 or SS-R200

- 1. Use the **PLAY** and **SEARCH** ◀◀/▶▶ buttons, time search function and jog playback, for example, to locate the position where you want to divide the track.
- 2. After determining the division point, press the **PAUSE** button to put the unit into playback standby.
- Press the F3 function button to open a Divide? ENT/ESC confirmation pop-up message. Press the ESC/CLR [MACHINE SEL] button to cancel division.
- 4. Press the **ENTER** button to divide.
- 5. Confirm the result of the divide operation on the display of the connected machine.

Using this function with an HS-2, HS-2000 or HS-4000

- 1. Use the **PLAY** and **SEARCH** ◄◄/►► buttons, time search function and jog playback, for example, to locate the position where you want to divide the take.
- 2. As necessary, press the **STOP** and **PAUSE** buttons to stop or pause playback.
- Press the F3 function button to open a Divide? ENT/ESC confirmation pop-up message on this unit.
 Divide Mode -- appears on the display of the connected machine and scrub playback is activated.
 Use the following controls to locate the precise place where you want to divide the take.
 - Turn the **JOG** dial
 - Press the SEARCH <
 buttons to move one sample at a time
 - Press the SEARCH <
 buttons while pressing and holding the SHIFT button to move one ms at a time
 - Press the TRACK I
 Imark I

Press the **ESC/CLR [MACHINE SEL]** or **STOP** button to cancel division.

- 4. After setting the division point, press the **ENTER** button to divide the track.
- 5. A Successful pop-up message will appear after division completes.

NOTE

- If you start division (press F3) when a pop-up message is on the display of the connected machine, that message will disappear and -- Divide Mode -- will appear on the display.
- If you started division using the connected machine, you will not be able to complete it using this unit.

Deleting tracks (takes)

You can delete the currently displayed track (take) from the media. Restrictions and precautions related to deletion depend on the connected unit. For details, please refer to the Owner's Manual for the connected machine.

- 1. Press the **STOP [RETAKE]** button to stop the transport.
- 2. Use the track (take) selection functions to select the track (take) to delete.
- Press the F4 function button to open a Delete? ENT/ESC confirmation pop-up message. Press the ESC/CLR [MACHINE SEL] button to cancel deletion.
- 4. Press the **ENTER** button to delete.
- 5. When using an HS-2, HS-2000 or HS-4000, a Successful pop-up message will appear after deletion. When using an SS-CDR200 or SS-R200, no message will appear on this unit's display. Check the display on the connected machine.

Checking the last part of a track

When the connected unit is a CD-9010CF or CD-9010, you can check the last parts of tracks if the END CHECK item of the PLAY menu is set between 5 and 35 (seconds in 5-second increments). This is useful for checking how tracks end. For details, see the CD- 9010CF/CD-9010 Owner's Manual.

How to use the END CHECK function

While pressing the SHIFT button, press the TRACK X button to locate to the point that is the number of seconds from the end of the track set using the END CHECK item in the PLAY menu and start monitoring playback. When playback ends, playback will pause at the last cue point (the last point where playback was started).

5 – Other functions

Viewing information about this unit

- 1. While pressing and holding the **STOP** [**RETAKE**], **PLAY** and **PAUSE** buttons, shift the **STANDBY/ON** switch on the rear panel to ON to turn the power on.
- 2. After the start-up screen appears, system version information will be shown.
- 3. After checking this, turn the power off and restart the unit.

Checking the operation time

- 1. While pressing and holding the **STOP** [**RETAKE**], **PLAY** and **CALL** [**CHASE**] buttons, shift the **STANDBY/ON** switch on the rear panel to ON to turn the power on.
- 2. After the start-up screen appears, the operation time will be shown.
- 3. After checking this, turn the power off and restart the unit.

Restoring the factory default settings

You can restore all the settings saved in the unit's backup memory to their factory defaults.

- 1. While pressing and holding the ENTER and ESC/CLR [MACHINE SEL] buttons, shift the STANDBY/ON switch on the rear panel to ON to turn the power on.
- 2. After the start-up screen appears, a FctPrst? PushENT message will appear.
- 3. Press the ENTER button to restore all the settings to their factory defaults. When complete, FctPrst Complete will appear on the display.
- 4. Turn the power off and restart the unit.

NOTE

To cancel this operation, turn the power OFF before pressing **ENTER**.

CAUTION

After pressing ENTER, do not turn the power OFF before FctPrst Complete appears.

Failsafe function setting

The failsafe function is a feature designed to prevent accidental operation if buttons are pressed unintentionally. Use it to set buttons that are disabled during playback standby and online playback. When the connected unit is a CD-9010CF or CD-9010, you can set it with the FAILSAFE item of the SYSTEM menu. It cannot be set with other units.

For details, see the CD-9010CF/CD-9010 Owner's Manual.

Buttons that are disabled by the failsafe function

Failsafe function setting item	Buttons disabled when in playback standby	Buttons disabled during online play back
		TIME SET button
		MARK/CUE SET button
		Function (F1–F4) buttons
		CALL button
		Number (0–9) buttons
		ESC/CLR button
LOW LIM	None	TRACK
		SEARCH
		SHIFT + ►►I button(END CHK)
		JOG button
		PLAY button (monitoring playback)*
	TIME SET button	TIME SET button
	MARK/CUE SET button	MARK/CUE SET button
	CALL button	CALL button
	Function (F1–F4) buttons	Function (F1–F4) buttons
	Number (0–9) buttons	Number (0–9) buttons
	ESC/CLR button	ESC/CLR button
UP LIM	TRACK I◄◀/►►I buttons	TRACK I
	SEARCH ◀◀/►► buttons	SEARCH <
	DULION(END CHK)	DULLON(EIND CHK)
		(monitoring playback)*
OFF	None	None

*Only when the connected device setting is "6: CD-9010 [B]"

General

Power supply voltage

AC adaptor (TASCAM PS-P520. included) AC adaptor input : AC 100-240V, 1.0A AC adaptor output : DC +5V, 2.0A

Power consumption

1 W or less

Dimensions (width × height × depth)

176 x 59 x 215 mm

Weight

1.4 kg

Operating temperature range

5–35° C (41–95° F)

Dimensional drawings



- Illustrations in this manual might differ in part from actual products.
- In order to improve the products, specifications and appearance could be changed without prior notice.

TASCAM

RC-900

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