



# RODE R0DECASTER DUO Audio Production Studio User Manual

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**RODE R0DECASTER DUO Audio Production Studio**



## R0DECASTER DUO INTEGRATED AUDIO PRODUCTION STUDIO

The R0DECASTER DUO is an integrated audio production studio that allows you to create professional-quality recordings and podcasts. It features various controls and connections to enhance your audio production experience.

### Connections

The R0DECASTER DUO has the following connections:

- 13 42
- 5
- 67
- 8

### Powering the Unit On and Off

To turn the unit on, press the red power button located on the left side of the back panel. To turn the unit off, press the power button again and follow the prompts on the unit's screen.

### Connecting to a Network

To connect the unit to a network, you can choose one of the following methods:

1. Use an ethernet cable to connect the unit to a network router.
2. Connect the unit to a WiFi network by following the on-screen prompts.

### Front Panel Controls

The front panel of the R0DECASTER DUO features various controls:

- 1) Multi-function touch screen
  - 2) Channel access button – Press to access channel functions for each fader.
  - 3) Faders – Slide up and down to control the volume of each audio source.
  - 4) Mute and solo buttons – Use to mute a specific channel and listen to a specific channel in headphone output
- 1.

- 5) Headphone volume controls
- 6) Rotary encoder – Use to alter parameter values in conjunction with the multi-function touch screen.
- 7) SMART pads – Press to trigger sounds and other actions.
- 8) Pad bank controls – Use to switch between pages of SMART pads.

## **Important Safety Information**

1. Read and understand the instructions and safety guide completely before using the product.
2. Ensure both the instruction manual and regulatory and safety guide are accessible to all users, including when passing the product on to third parties.
3. Do not open the product housing. This will void the warranty.
4. Use the product only in the ways described in the instructions.
5. Do not use the product if it was damaged during transportation.
6. Keep the product away from liquids and electrically conductive objects that are not necessary for the operation.
7. Do not use any solvents or corrosive cleaning agents to clean the product.
8. Do not adjust the control of the product in an environment that requires your attention (Operating machinery, driving, etc.).
9. This appliance contains batteries that are only replaceable by a skilled person.

## **North America**

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

### **To ensure compliance with FCC regulations:**

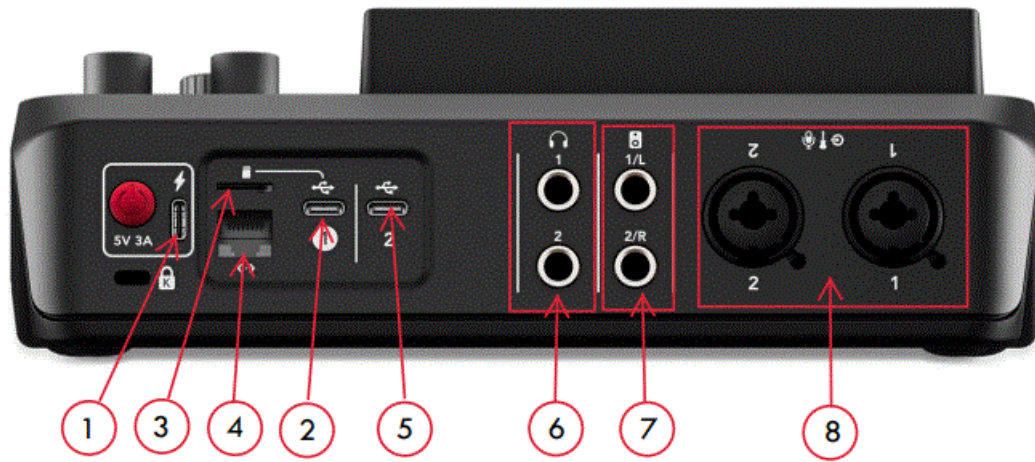
1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth in an uncontrolled environment.

**For the USA:** The frequency stability of all transmission frequencies of U-NII-1, U-NII 2A, UNII 2C, and U-NII-3 meets the requirements of 47 CFR FCC Part15.407(g), and the manufacturer declares that their transmission is maintained at Band U-NII-1, U-NII 2A, U-NII 2C and U-NII-3.

**For Canada:** The frequency stability of all transmission frequencies of U-NII-1, U-NII 2A, UNII 2C, and U-NII-3 meets the 47 CFR FCC Part15.407(g) requirements, and the manufacturer states that their transmissions remain within the U-NII-1, U-NII 2A, U-NII 2C and U-NII-3 bands.

## CONNECTIONS



### Connect your RØDECASTER DUO as follows:

- Plug the included USB-C power adaptor into the power connector (1)
- Use the included USB-C cable to connect USB1 (2) to your computer
- A microSD card can be inserted into the socket (3) if required.
- The unit can be connected to an ethernet network using the CAT5 (4) socket if required.
- Additional UISB devices (eg USB storage devices, mobile phones, etc) can be connected to the USB2 connector (5). Additional cables (eg RØDE SC15 or 16) may be required
- Headphones should be connected to the headphone outputs (6). Up to 4 pairs of headphones can be connected.
- Monitor speakers can be connected to the Line Out (7) if required.
- Microphones and/or musical instruments are connected to the XLR Combi inputs (8).

## POWERING THE UNIT ON AND OFF

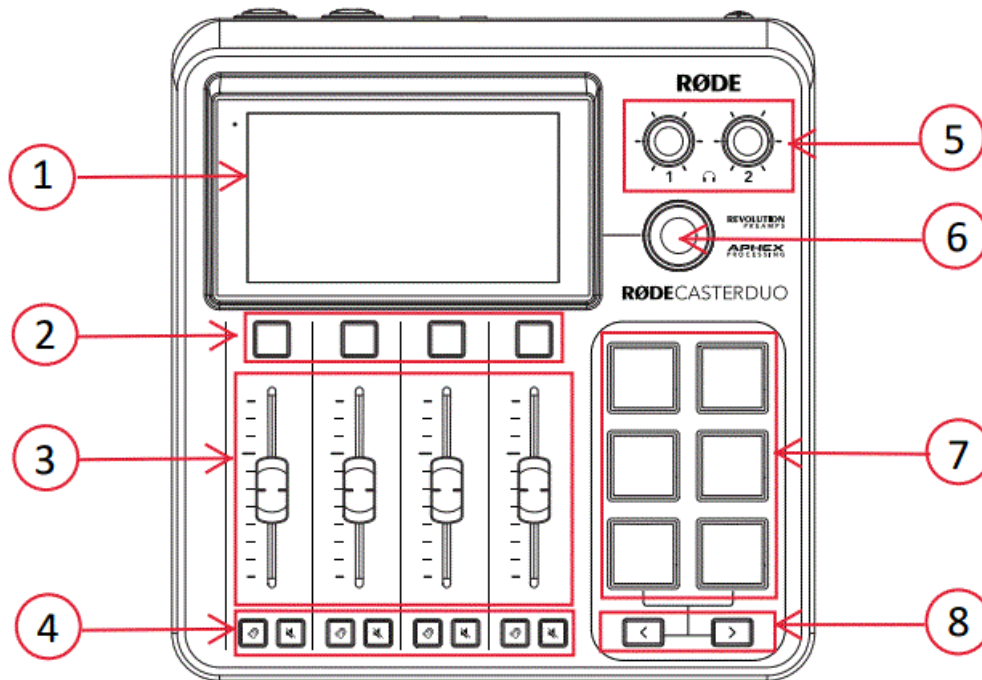
- To turn the unit on, press the red power button on the left of the back panel.
- To turn the unit off, press this button again, and then follow the prompts on the screen of the unit.

## CONNECTING TO A NETWORK

To connect the unit to a network, either:

1. Use an ethernet cable to connect the unit to a network router
2. Connect the unit to WiFi by following the on-screen prompts

## FRONT PANEL CONTROLS



1. Multi-function touch screen
2. Channel access button. Press to access channel functions for each fader.
3. Faders. Slide up and down to control the volume of each audio source.
4. Mute and solo buttons. Use to mute a specific channel, and to listen to a specific channel in headphone output 1.
5. Headphone volume controls.
6. Rotary encoder. Use to alter parameter values in conjunction with the multi-function touchscreen
7. SMART pads. Press to trigger sounds and other actions.
8. Pad bank controls. Use to switch between pages of SMART pads.

## REGULATORY AND SAFETY GUIDE

### Important Safety Information

1. Read and understand the instructions and safety guide completely before using the product.
2. Ensure both the instruction manual and regulatory and safety guide are accessible to all users, including when passing the product on to third parties.
3. Only use this product with authorized RØDE accessories.
4. Do not open the product housing. This will void the warranty.
5. Refer all service and repairs to RØDE-approved service personnel. Service or repair is required for products that have been damaged, exposed to liquid, rain or moisture, or do not operate normally.
6. Use the product only in the ways described in the instructions.
7. Do not use the product if it was damaged during transportation.
8. Keep the product away from liquids and electrically conductive objects that are not necessary for the operation.
9. Do not use any solvents or corrosive cleaning agents to clean the product.
10. Do not adjust the control of the product in an environment that requires your attention (Operating machinery, driving, etc.).

11. This appliance contains batteries that are only replaceable by a skilled person.

### **North America**

The RØDECaster DUO must not be co-located or operated in conjunction with any other antenna or transmitter. The device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

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 of more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and the receiver.
3. Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth in an uncontrolled environment. Changes or modifications not expressly approved by RØDE could void the user's authority to operate the equipment.

- **For the USA:** The frequency stability of all transmission frequencies of U-NII-1, U-NII 2A, U-NII 2C, and U-NII-3 meets the requirements of 47 CFR FCC Part15.407(g), and the manufacturer declares that their transmission is maintained at Band U-NII-1, U-NII 2A, U-NII 2C, and U-NII-3.
- **For Canada:** The frequency stability of all transmission frequencies of U-NII-1, U-NII 2A, U-NII 2C, and U-NII-3 meets the 47 CFR FCC Part15.407(g) requirements, and the manufacturer states that their transmissions remain within the U-NII-1, U-NII 2A, U-NII 2C, and U-NII-3 bands.

### **CAN ICES-3 (B) / NMB-3 (B)**

This Class B digital apparatus complies with Canadian ICES-003.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

### **Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment shall be installed and operated with a minimum distance of 20cm between the radiator & body.

### **Radio Frequency Exposure Statement for Canada**

The device has been evaluated to meet general RF exposure requirements. The device can be used in mobile exposure conditions. The minimum separation distance is 20cm.

Operation of this device is restricted to indoor use only. (W52 band)

## EU Compliance Statement

- Hereby, RØDE Microphones declares that the radio equipment type RØDECaster Duo is in compliance with Directive 2014/53/EU.
- The full text of the EU Declaration of Conformity is available at the following internet address:  
<http://www.ode.com/rodecaster-duo>
- For details of EU representatives go to <http://en.ode.com/distributors>

### Caution:

The RØDECaster Duo has been designed to be used with the provided power supply, as use the provided power supply only.

Stop using the power supply unit and any cables if:

1. There is any damage to the charging port, power connector or power cord.
2. The power supply unit is exposed to excessive moisture, or liquids is spilled into the power supply unit.
3. The power supply unit enclosure is broken.

### Power Supply Unit Specifications:

**Model Name:** YDS-PD030A Frequency: 50-60 Hz

**Line Voltage:** 100-240 Vac

**Output Ratings:** 20Vdc 1.5A; 15Vdc 2.0A; 12Vdc 2.5A; 9Vdc 3A; 5Vdc 3A

Operating Frequency Range	The maximum RF Output Power
Bluetooth 2402-2480 MHz	3.68 dBm (BR/EDR) 4.59 dBm (BLE) EIRP
WiFi 2412-2472 MHz	15.99 dBm EIRP
WiFi 5150-5250 MHz	16.71 dBm EIRP
WiFi 5250-5350 MHz	16.71 dBm EIRP
WiFi 5470-5725 MHz	16.71 dBm EIRP
WiFi 5725-5850 MHz	14 dBm EIRP
2.4G SRD 2402-2480 MHz	1.19 dBm EIRP












### Note of Disposal

WEEE Directive (2012/19/EU)



The crossed-out bin symbol on a product and/or packing indicates that this product should not be discarded with general domestic waste, but must be collected separately at the end of its service life. Please observe the legal regulations on electrical waste segregation and disposal applicable in your country.



Europe	UKCA
	
Australia & New Zealand	South Korea
 R-NZ	 ID: R-R-R72-RCDUO Company Name: RØDE Microphones Model: RØDECaster Duo Country of Origin: Australia
USA	Canada
 FCC ID: 2AEAN-RCDUO	IC: 20091-RCDUO
NCC	Japan
	 
India	Mexico
	 
Power	
USB Input: 15V == 2A	



To prevent possible hearing damage, do not listen at high volume levels for long periods.

**RØDE Microphones,**

107 Carnarvon St, Silverwater NSW 2128, Australia

**Authorised UK Representative:**

RØDE UK, Unit A, 23-25 Sunbeam Rd, London NW10 6JP, United Kingdom

**Authorised EU Representative:**

RØDE EU, Neukirchner Str. 18, 65510 Hünstetten, Germany

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SCAN FOR  
MORE INFO

[rode.com](https://rode.com)

## Documents / Resources

	<p><a href="#">RØDE R0DECASTER DUO Audio Production Studio</a> [pdf] User Manual R0DECASTER DUO Audio Production Studio, R0DECASTER DUO, Audio Production Studio, Production Studio</p>
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## References

- [Where To Buy | RØDE Microphones](#)
- [RØDE Microphones | Premium Microphones & Audio Equipment](#)
- [RØDE Microphones | Premium Microphones & Audio Equipment](#)

[Manuals+.](#)