

DS18
TECHNOLOGIES



DDX9AD | FOR THE DUAL CHANNEL DS18 DSD1000 WITH
DS18 DSD1000 AND DS18 DSD1000 WITH A POWER
SUPPLY CORD AND A POWER SUPPLY CORD

OWNER'S MANUAL

#MEURBITLOUD | [f](#) [t](#) [in](#) [v](#)

Definition of the keys:

Accessories	Keys	Assigned description
1	⏻	After installation/setting, press within about 1 second to power off the system. Overcomes freeze.
2	STOP	Stop card slot
3	⏮/STOP/⏭	First to last to home stops
4	⏮/STOP/⏭	Stop to the previous interface
5	⏮/STOP/⏭	Stop to next interface
6	STOP	Stop the rail interface
7	PSL+ PSL-	➔ Release ⏮ Release train
8	⏮/STOP	STOP all
9	STOP	STOP all
10	Reset (RST / RST)	When the machine is not working properly, press the button on the machine will return to the factory settings.
11	⏮/STOP	Stop the stop/slot probe system
12	STOP	Play instructions at the sensor (stop/slot)
13	STOP	Play instructions at the sensor (stop/slot)
14	Next ⏮/STOP	→ Search the previous chapter or the next chapter → Search for the next strand or the next chapter
15	STOP	Complete record, button for ending

Note: This table summarizes the definition of most of the general system, but railway model contains all the keys, some the model contains only a small number of keys, which does not affect the use. If you have questions, please consult the dealer.

Open the system

Press the power button **⏻** 1 second, activate the system.

Turn off the system

When the system is on, press and hold the power button **⏻** for 1 second to turn off the system.

Diagram of power cable and RCA Cable

RCA includes 24 Pin Power Connector

RCA 24 Pin Power
RCA 24 Pin Power

RCA 24 Pin Power Connector



Power Cable Diagram



GND - GND pin

ACC - ACC pin

ACC - ACC pin

1. 24 Pin Audio Right Speaker
2. 24 Pin Audio Left Speaker
3. 24 Pin Audio Center
4. 24 Pin Audio Sub
5. 24 Pin Audio Right
6. 24 Pin Audio Left
7. 24 Pin Audio Center
8. 24 Pin Audio Sub
9. 24 Pin Audio Right
10. 24 Pin Audio Left
11. 24 Pin Audio Center
12. 24 Pin Audio Sub
13. 24 Pin Audio Right
14. 24 Pin Audio Left
15. 24 Pin Audio Center
16. 24 Pin Audio Sub
17. 24 Pin Audio Right
18. 24 Pin Audio Left
19. 24 Pin Audio Center
20. 24 Pin Audio Sub
21. 24 Pin Audio Right
22. 24 Pin Audio Left
23. 24 Pin Audio Center
24. 24 Pin Audio Sub

Pin #	Pin	Connection Details	Pin #	Pin	Connection Details
1	GND	Ground (Power Ground)	1	ACC	Constant Battery Power (ACC)
2	ACC	Constant Battery Power (ACC)	2	ACC	Constant Battery Power (ACC)
3	ACC	Constant Battery Power (ACC)	3	ACC	Constant Battery Power (ACC)
4	ACC	Constant Battery Power (ACC)	4	ACC	Constant Battery Power (ACC)
5	ACC	Constant Battery Power (ACC)	5	ACC	Constant Battery Power (ACC)
6	ACC	Constant Battery Power (ACC)	6	ACC	Constant Battery Power (ACC)
7	ACC	Constant Battery Power (ACC)	7	ACC	Constant Battery Power (ACC)
8	ACC	Constant Battery Power (ACC)	8	ACC	Constant Battery Power (ACC)
9	ACC	Constant Battery Power (ACC)	9	ACC	Constant Battery Power (ACC)
10	ACC	Constant Battery Power (ACC)	10	ACC	Constant Battery Power (ACC)
11	ACC	Constant Battery Power (ACC)	11	ACC	Constant Battery Power (ACC)
12	ACC	Constant Battery Power (ACC)	12	ACC	Constant Battery Power (ACC)
13	ACC	Constant Battery Power (ACC)	13	ACC	Constant Battery Power (ACC)
14	ACC	Constant Battery Power (ACC)	14	ACC	Constant Battery Power (ACC)
15	ACC	Constant Battery Power (ACC)	15	ACC	Constant Battery Power (ACC)
16	ACC	Constant Battery Power (ACC)	16	ACC	Constant Battery Power (ACC)
17	ACC	Constant Battery Power (ACC)	17	ACC	Constant Battery Power (ACC)
18	ACC	Constant Battery Power (ACC)	18	ACC	Constant Battery Power (ACC)
19	ACC	Constant Battery Power (ACC)	19	ACC	Constant Battery Power (ACC)
20	ACC	Constant Battery Power (ACC)	20	ACC	Constant Battery Power (ACC)
21	ACC	Constant Battery Power (ACC)	21	ACC	Constant Battery Power (ACC)
22	ACC	Constant Battery Power (ACC)	22	ACC	Constant Battery Power (ACC)
23	ACC	Constant Battery Power (ACC)	23	ACC	Constant Battery Power (ACC)
24	ACC	Constant Battery Power (ACC)	24	ACC	Constant Battery Power (ACC)

2. OPENING INSTRUCTIONS FOR MAIN INTERFACE

Start interface

1. Press the button **ON**, the interface will show the default main interface.
2. Slide the left or right interface component.



3. MOVE OR REMOVE THE ICON

- 1.1. Hold the program, long press the icon, the program is installed the app?



✶ TIME AND DATE SETTINGS

1. Press the Setup icon  select Date & Time.
2. Refer to the following two steps, respectively.



Step 1: previous

1. Touch/Slide «Automatic date & time» and the «Automatic time zone» to activate the both.
2. Touch «date status», adjust the date, and touch/done.
3. Touch «time status», adjust the time, and touch/done.
4. Touch «date & time error», select a time zone.
5. Press the  button.

✶ START LOGS SETUP

Click "logs select" following the way you need.

Touch the DOX9AD logo  select your log type from the USB or SD device.

Click «logs select» on the «log select» screen.

Click the upper right corner, select «cancel»/«done».

✶ LANGUAGE SETUP

Touch the , touch "language & input", touch Language, select the language and Press the  button.

✖ STEERING WHEEL CONTROL SETUP

Only **Touch** key function working.

1. Select the function key mode.
2. Press your key on the steering wheel.
3. Repeat step 1 and 2 for other keys.
4. Press **HOME** button.



✖ REMARK

If you need to reset the keys, click **RESET**, then you can set again.

✖ COLOUR LIGHTS SET

Steps the colour lights.  Choose your favorite color, the color key light will changes. (Note: vehicle model doesn't support color light function.)



✖ Network Setup

Wi-Fi Setup

Connecting Wi-Fi access

Touch the "Settings"  => touch Wi-Fi => turn on the Wi-Fi => select network => type password => connect.

Connecting Wi-Fi hotspot

Touch the "Settings"  => touch More => Following if portable hotspot => set up Wi-Fi hotspot => enter the security code => touch Wi-Fi.

Pairing

Register your BT device

1. Activate BT on your phone
2. Touch screen to enable the BT-connection pairing
3. Touch the BT device name (e.g. BT4) for connecting
4. Type the pin code (default code is 0000 or 1234) on your phone

Connect registered BT (Manually)

1. Activate BT on your phone
2. Touch the  to see the registered BT devices list
3. Tap the BT device BT-Device name to connect
4. Type the pin code (default code is 0000 or 1234) on your phone

Delete registered device

1. Touch the  to see the registered BT devices list
2. Press the box of the device name
3. Touch the screen and it says "Do you want to delete the Device?"
4. Touch OK, the device deleted

Hands-Free Call



1	15	End Phone
2	12	Phonebook
3	13	Phonebook delete
4	14	Phone call
5	16	Phonebook setting

1) Phone Call

Touch the  type the phone number, and click  to start the phone call or touch the  and touch the  to start to speaker



DOX9AD

2) Phone/line

Touch the  inside the BT phonebook interface, and after the Bluetooth is detected the phonebook.



3) Phone call record



	Missed call
	Dialled call
	Received call

2-3) SETUP



1. Touch the BT to change the name.
2. Touch the PIN code to change the PIN code.

▶ BT SETUP



Playing BT Audio Device
Once  into BT mode and play music
within distance connected by BT

	The Earphone
	The Headphone
	Play Phone

▶ MULTIMEDIA

Slide Player



Music Player



	Function		Function
	Back to the Menu		The Earphone
	Pause		Thermal Core
	Cycle Mode		EQ

▶ **NOTE** The Music Player and other video player works when the USB of the SD card is connected. Resolution are shown in individual USB or SD card.

▶ BT SETUP



Playing BT Audio Device
Once  into BT mode and play music
within distance connected by BT

	The Earphone
	The Headphone
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Music Player



	Function		Function
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▶ **NOTE** The Music Player and other video player works when the USB of the SD card is connected. Resolution are shown in individual USB or SD card.

- ❗ **NOTE:** The `UIApplication.SharedApplication` is locked for the entire life span. So you cannot get instance of `UIApplication` and any object inherits the same lock debugging.

Android IDE support

First the developer options of the mobile >> turn on the USB debugging >> turn on the BT of the mobile >> connect to the BT of the host >> BT connected >> turn the mode Developer >> select the connecting method >> Connected.





How Wi-Fi Setup

Turn on the Wi-Fi of the mobile or connect to the Wi-Fi of the active Wi-Fi connected or turn on the step-by-step to select the connecting method in the setup.





 For their services, customers make sure the content is on the screen in accordance with the policy set. DS18 provides content and content distribution with high-quality media.

Android & Google supports 4K display. The resolution of 4K display device is consistent with 4K display.



System Settings



Click on the top bar to go to general settings in system menu.

System menu icon in general settings in system menu in Dock

Display



System brightness settings in display in brightness in adjust brightness in system



Backup and reset



Click on the **Backup** next the system.
Set up in **Backup and reset** in **Reset** in **Resource Factory settings**

About Device



1. Settings in About device
2. After the device interface, you can view the device information, find manuals.



General

Model designating number
 Maximum Current Consumption
 Dimensions (H x W x D)

16.25 (5.97) x 10.25 (4.04) x 1.00 (0.39)
 12.00W
 Channels: 1 (Mono) & Stereo & 2 (Stereo)
 Mount: Surface, 1 (Mono) & Stereo: Through-hole
 Mounting: Standard & Surface Mount (optional)
 Weight: 1.00 kg
 + Case Temperature: 125°C (TYP) (2) Guidelines
 Ambient: (Standard: 25)

Hardware**Inputs**

Input: Mono, Stereo, Integrated Stereo
 Input
 Input Type
 Input/Output Impedance

Input/Output: 600
 10k $\pm$ 5%
 10k $\pm$ 5% (Stereo) Capacitive Input: Stereo
 10k $\pm$ 5% (Stereo) (2) (3) (4) (5) (6) (7) (8) (9) (10)

Audio

Maximum Power Output
 Continuous Power Output
 THD (at rated power)
 Frequency

40W & 20W (Stereo)
 10W & 5W (Stereo)
 0.1% (Stereo) (Stereo) (Stereo)
 10 Hz to 20 kHz (Stereo) (Stereo) (Stereo)
 10 Hz to 20 kHz (Stereo) (Stereo) (Stereo)
 10 Hz to 20 kHz (Stereo) (Stereo) (Stereo)
 10 Hz to 20 kHz (Stereo) (Stereo) (Stereo)

Gain

Maximum Gain
 Input/Output: (Stereo)

Maximum Gain: 100dB (Stereo) (Stereo) (Stereo)
 Input/Output: (Stereo) (Stereo) (Stereo)

Power

Maximum Power
 Input/Output
 Input

Power: 100W (Stereo) (Stereo) (Stereo)
 Input/Output: (Stereo) (Stereo) (Stereo)
 Input/Output: (Stereo) (Stereo) (Stereo)
 Input/Output: (Stereo) (Stereo) (Stereo)
 Input/Output: (Stereo) (Stereo) (Stereo)

Dimensions/Adjustment**DOX9AD Pinout**

Pinout: (Stereo) (Stereo) (Stereo)
 Input/Output: (Stereo) (Stereo) (Stereo)
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Connectivity

Maximum: (Stereo) (Stereo) (Stereo)
 Input/Output
 Input/Output
 Input/Output

Maximum: (Stereo) (Stereo) (Stereo) (Stereo) (Stereo) (Stereo)
 Input/Output: (Stereo) (Stereo) (Stereo) (Stereo) (Stereo) (Stereo)
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Mounting

Mounting: (Stereo)

Mounting: (Stereo) (Stereo) (Stereo) (Stereo) (Stereo) (Stereo)



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OWNER'S MANUAL

OS/2



This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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.

FCC's (FEDERAL COMMUNICATIONS COMMISSION) is hereby advising that for a Class Digital device, certain limits must be met for the radio that these limits are designed to ensure reasonable protection against harmful interference to co-channel transmitters. This equipment generates, uses and can radiate radio-frequency energy and it can interfere with certain equipment if not installed and used properly. It is important to follow the instructions, which are provided in this manual, to ensure that this equipment will not cause a harmful interference. If the equipment does cause harmful interference to radio communications, which can be determined by turning the equipment off and on, the user is encouraged to be advised the interference may be due to one of the following factors:

- The user is in close proximity to the equipment.
- The user is in close proximity to the equipment's antenna.
- The user is in close proximity to the antenna of another piece of equipment that is not properly installed.
- The user is in close proximity to the antenna of another piece of equipment that is not properly installed.

This device does not use a frequency that is shared by equipment operating with another service or services.

RECOMMENDED PRECAUTIONS

To reduce the risk of interference to other equipment, the following precautions are recommended: