

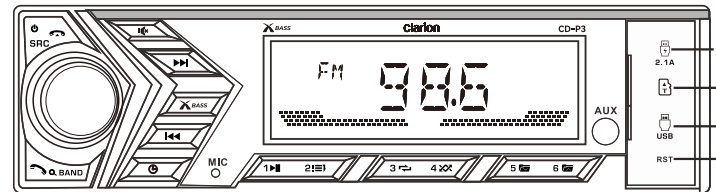
clarion

Car Mp3/USB/SD/FM/AM/Bluetooth player

English

clarion
Established in 1940

Operation manual



CARING FOR THE FUTURE OF CUSTOMERS
AND BUILDING A GLOBAL BRAND

UK R-NZC E

CD-P3

DEAR CUSTOMER

Congratulations for your purchase!
Please read this manual carefully, and keep it for future reference.

TABLE OF CONTENTS

Thank you for buying this product!

Please read through these instructions so you will know how to install and operate your model properly. *After you have finished reading the instructions, put them away in a safe place for future reference.*

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PRECAUTIONS

Choose the mounting location where the unit will not interfere with the normal driving function of the driver.

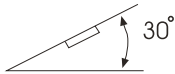
Before finally installing the unit, connect the wiring temporarily and make sure it is all connected up properly and the unit and the system work properly.

Use only the parts included with the unit to ensure proper installation. The use of unauthorized parts can cause malfunctions.

Consult with your nearest dealer if installation requires the drilling of holes or other modifications of the vehicle.

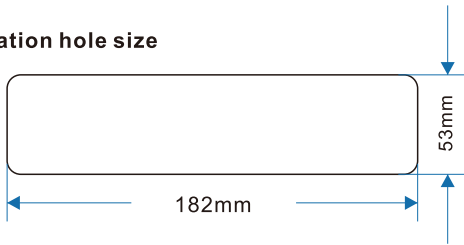
Install the unit where it does not get in the driver's way and cannot injure the passenger if there is a sudden stop. Like an emergency stop.

If installation angle exceeds 30° from horizontal, the unit might not give its optimum performance.



Avoid installing the unit where it would be subject to high temperature, such as from direct sunlight, or from hot air, form the heater, or where it would be subject to dust, dirt or excessive vibration.

installation hole size



Before going through the check list, check wiring connection. If any of the problems persist after checklist has been made, consult your nearest service dealer.

Symptom	Causes	Solution
No Power	The car ignition key has not been switched on	If the power supply is properly connected to the car accessory terminal, switch the ignition key to ACC.
	The fuse is blown	Replace a new fuse
No Sound	Volume is at minimum	Adjust volume to desired level
	Wiring is not properly connected	Check wiring connection
Unit blows fuses	The yellow wire and the ground wire are connected in reverse	Check for pinched wire
	Speaker wire touching chassis ground	Check for pinched wire
	Incorrect fuse rating	Use fuse with correct rating
The Radio or Automatic Selection Does Not Work	The antenna cable is not connected correctly	Connect the antenna cable correctly
	The signals are too weak	Select the station manually
Function operation error occurred	Operation error	Press the reset button to restore factory settings
USB or TF card cannot read	Unsupportable file system	Format USB or TF card to FAT32 format

General

Power Supply Requirements: DC 12V, Negative Ground
Maximum Output Power: 40W X 4 (CH)
Chassis Dimensions: 178 X140 X 50mm(W x D x H)

Tone Controls

Bass (at 100Hz): +10dB / -10dB
Treble (at 100KHz): +10dB / -10dB
Current Drain: 15A

USB/ SD PLAYER

Signal to Noise Ratio: More than 60dB
Channel Separation: More than 60dB
Frequency Response: 20Hz - 20KHz

FM Radio

Frequency Coverage (MHz): 87.5 - 108 (Europe)
87.5 - 107.9 (U.S.A.)

Sensitivity (S/N=30dB): 12dBu
Stereo Separation: >30dB

AM Radio

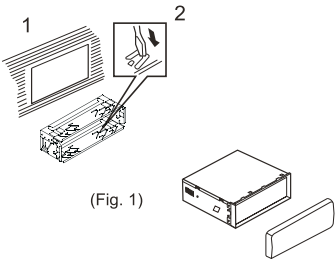
Frequency Coverage (KHz): 522 - 1620 (Europe)
530 - 1710 (U.S.A.)

Sensitivity (S/N=20dB): 32dBu

DIN FRONT-MOUNT

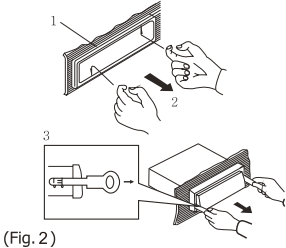
Installing the unit

1. Dashboard
 2. Holder
- After inserting the holder into the dashboard, select the appropriate tab according to the thickness of the dashboard material and bend them inwards to secure the holder in place.

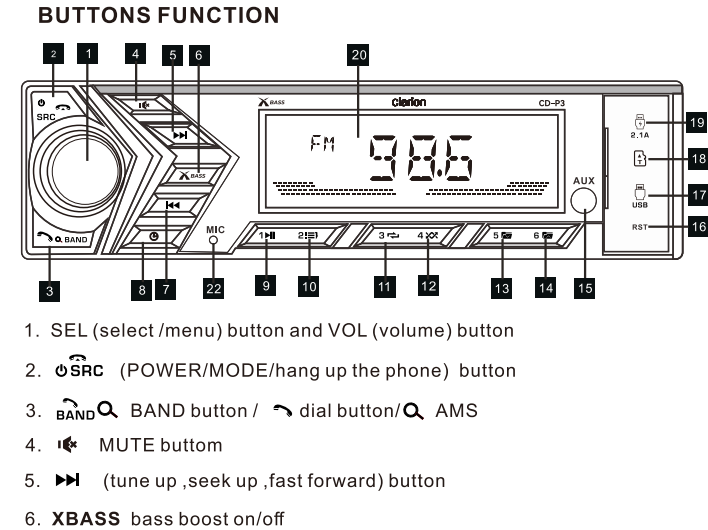
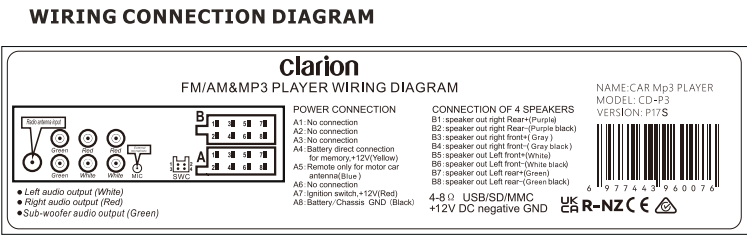


- 1.Frame
 - 2.Insert fingers into the groove in the front of frame and pull out to remove the frame.(When reattaching the frame,point the side with a groove downwards and attach it.)
 - 3.Lever
- Insert the levers supplied with the unit into the grooves at both sides of the unit as shown in figure until they click.pulling the levers makes possible to remove the unit from the dashboard.

Removing the unit



WIRING CONNECTIONS & BUTTONS FUNCTION

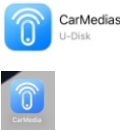


PHONE APP CONTROL OPERATION

APP CONTROL VIA BLUETOOTH

User can download the following application to the mobile phone in order to have control of the main unit by the mobile phone via buletooth .take your phone and follow the steps:

1. for Android device , search "carmedias" from play store and after searched , download &install:
- 2.for IOS device , search"carmedias" from play store and after searched , download &install:
- 3.after installation , open "carmedias" application:



The following menu appeared in the mobile phone and you can start control the car unit with menu(In the app settings, you need to first connect to CLARION (app)).



BLUETOOTH OPERATION

Prior to using the wireless BT device as a hands-free system for a wireless BT-enabled mobile phone for first time , you must pair and connect the two devices as flow

- 1.in any mode, prior to pairing and connecting .the BT LOGO in LCD indicating that no device is connected .To begin pairing .enable BT mode on your mobile phone .
- 2.when the phone finds this car audio system ,the “CLARION” will be displayed.
- 3.choose the “CLARION” from the device list to pair and connect with this car audio system . upon confirming ,the BT logo will be lighted on .
- 4.when pairing is completed , the mobile phone audio will automatically transfer to the car audio system whenever a call is made or received , or when the mobile phone play music .

MAKE A CALL

operation1

Press the **BAND** and LCD will display “ CALL ” then dial out last unplugged phone number .

Press the **oSRC** to hang up the phone call .

operation2

To make a call ,dial the call directly from the paired mobile phone.

Press **oSRC** to hang up the phone call .

Answer a call

When the mobile phoe is called , the incoming telephone number displays on the LCD .

Press the **BAND** button on the control panel to answer the incoming call .

Reject a cll or end a call

To reject or end the call , press **oSRC** button on the control panel .

Adjust talk volume

During a call , rotate VOL button to adjust the volume level .

Audio streaming (A2DP)

- 1.Press the **oSRC** button to enter BT mode and display “BT” in the LCD display .
- 2.when a mobile device is paired , music played through that device will automatically be heard to through the car audio system .
- 3.Press the **▶▶** or **◀◀** button to play the next or previous on the mobile phone .
- 4.Press the **1▶▶** button to pause or resume music playback .

Talk assistant

When the mobile and device is paired, long press the VOL button , it activate the siri or google assistant to verbally speak your commands such as play music & navigation etc.

BUTTONS FUNCTION & GENERAL OPERATION

7. **◀◀** (tune down ,seek down ,track down) button
8. **CLK** (clock setting) button
9. **1▶▶** Number 1 button / (play/pause) button
10. **2≡≡▶** Number 2 button / intro button
11. **3↺** Number 3 button / repeat button
12. **4✕** Number 4 button / random button
13. **5📁** Number 5 button /(folder up /ten Selected Songs up) button
14. **6📁** Number 6 button /(folder down /ten Selected Songs down) button
15. AUX in jack
16. Reset button
17. USB port for music playback
18. Micro SD card slot
19. USB charge port
20. LCD display

GENERAL OPERATION

Turn unit ON/OFF

Prese the power (**oSRC**) button to turn ON the unit , and press and hold it again to turn OFF the unit .

MODE

Prese the SRC (**oSRC**) button to select between RADIO-USB-SD-Bluetooth -AUX modes of operation are indicated in the LCD display .(When USB/SD card is not inserted, USB or SD mode will not be displayed)

SELECT MENU

Press SEL button(short press) repeatedly to select between :

(For playing mode:)

→**AUTO**→**VOL**→**BAL**→**FAD**→**BEEP ON**→**CLFUL 10S**→**X-BASS OFF**
→**TA ON/OFF**←**LPF**←**SUBWOOFER VOL**←**EQ OFF**←

(For Radio mode:)

→**AUTO**→**VOL**→**BAL**→**FAD**→**BEEP ON**→**CLFUL 10S**→**X-BASS OFF/ON**←**EQ OFF**←
←**PTY**←**TA ON/OFF**←**AF ON/OFF**←**LPF**←**SUBWOOFER VOL**←**AREA EUR**←

GENERAL OPERATIONS

AUTO

Press SEL button to select AUTO , then rotate the SEL button to adjust the color of the panel button lights and display screen backlight, including red, green, blue, yellow, pink, cyan, and white .

VOLUME(VOL)

Rotate VOL knob to adjust to desired sound level (0-40)

Balance (BAL)

Press SEL button to select Balance , then rotate the SEL button to adjust the balance value (-7-+7).

Fader (FAD)

Press SEL button to select Fader , then rotate the SEL button to adjust the fader value (-7-+7).

BEEP ON/OFF

Press SEL button to select BEEP , then rotate the SEL button to switch ON/OFF.

CLFUL 10S

Press SEL button to select CLFUL , then rotate the SEL button to Adjust the time for the rainbow lamp to change to another color, with 6 options: 10S/30S/60S/120S/180S/240S.

X-BASS (ON/OFF)

Press SEL button to select X-BASS , then rotate the SEL button to switch ON/OFF.

PRESET EQ

Press SEL button to select EQ off , then rotate the SEL button to select EQ OFF -USER-ROCK-VOCAL-JAZZ-FLAT-CALSSIC-ELECTRIC-POP-EQ OFF .

USER EQ MODE

Press SEL button to select EQ , then rotate the SEL button to select USER , SEL confirms entering EQ frequency setting, with 20 EQ settings: 31HZ/50HZ/62HZ/100HZ/125HZ/180HZ/250HZ/300HZ/500HZ/800HZ/1K/1.5K/2K/3K/4K/6K/8K/14K/16K/EXIT. At each frequency, press SEL button to adjust frequency value (-12-+12) .

AREA EUR (Radio frequency region selection (Europe, America))

Press SEL button to select AREA , then rotate the SEL button to AREA EUR/AREA USA.

SUBWOOFER VOLUME

Press SEL button to select sub vol, then rotate the sel button to adjust volume 0-20.

LPF

Press SEL button to select LPF ,then rotate the sel button to select subwoofer output frequency 80HZ/120HZ/160HZ.

DX/LOCAL

Press SEL button to select DX,then rotate the SEL button to select DX/LOCAL (only radio mode).

GENERAL &BLUETOOTH OPERATION

PTY OFF/SPEECH/MUSIC(Search radio stations by program type)

In radio mode, PTY has there mode: SPEECH and MUSIC or OFF. Under the SPEECH model, each of the number keys 1-6 has three program type codes, totaling 18 program types that can be individually searched for corresponding radio programs after selecting the desired program type. Under the MUSIC mode, each of the number keys 1-6 has two program type codes, totaling 12 program types that can be individually searched for corresponding radio programs after selecting the desired program type. (Only with RDS models)

STEREO/MONO

In Radio mode , FM station is received in stereo mode , however , if the signals is weak or reception is not as good as you would like ,switching to MONO mode usually improves the overall sound quality.

USB/SD PLAYING OPERATION

INSERT USB

To play files from usb device, open the usb port cover and insert the usb device in port 17 ,the songs will begin to play automatically. To change phone , insert the usb device into the port 19 .

PLAY/PAUSE

Press the on unit to pause or resume playback.

NEXT/Previous track

Press the on unit or press on remote to play the next track or the previous track.

Fast forward/backward

Long press the on unit or press on remote to fast forward or backward.

Introduction

Press the button on front panel to switch INTRO is on/ off .

Repeating the same track

Press the button on front panel to select repeat 1-repeat dir-repeat all .

Playing all tracks in random

Press the button on front panel to select random is on or off .

Track navigation

Press the or button on front panel to play -10 or +10 songs .

Folder navigation

Long press the or button on front panel for folder- or folder+ .

Select the track to play

Press the on unit , “SCH” will appear on LCD then input the desired track number via front panel . then press SEL to confirm for playback.

WIRELESS BLUETOOTH STREAMING OPERATION

Pair and connect

GENERAL OPERATION

automatically store them on the number keys of FM1/FM2/FM3 bands 1-6 according to the strength of the radio signal. After storage, they will automatically browse and play once, and then you can directly press the number keys 1-6 to listen to the stored radio stations.

(For playing mode:)

Short press to select a song, short press to display SCH, then enter the order number of the song you want to listen to, press SEL to confirm, and the song with the entered number will be played. (Supports up to 9999 songs)

RADIO OPERATION

Chang BANDS (BAND)

In Radio mode , press the BAND button to switch between the FM1-FM2-FM3 -AM1-AM2 bands, each band stores up to six preset stations.

Auto seek tuning (►/◄)

In Radio mode , press the ► or ◄ button on the front panel or on the remote control to auto seek the radio frequency , At this time, long press any one of the number buttons 1 to 6 for more than 3 seconds to manually store the scanned radio station to the desired number button. The next time you want to listen to this radio station, simply press the corresponding number button to hear the same radio station.

Manual seek tuning (►/◄)

In Radio mode , long press the ► or ◄ button on the front panel or on the remote control to select manual seek tuning , then press the ► or ◄ button to step downward or upward .

To store/ Recall press stations

In Radio mode , the radio can be stored 6 preset stations for each band(FM1 -FM2-FM3-AM1-AM2) for a total of 30 preset stations.

To store/ Recall press stations

In Radio mode , select the desired band , press the ► or ◄ button to auto seek the radio frequency , press and hold the desired preset button(numbered 1-6 on the panel of the radio) for more than 3 seconds to save the station to that preset number .

Auto matic store station (AMS) /preset station scan

In Radio mode , press **Q** on unit automatic store station (AMS).

Local /DX

In Radio mode , If you only want to listen to stronger radio signals and filter out weaker ones, you can turn on the LOCAL mode so that weaker radio stations will not stop when scanning.

AF ON/ OF

When AF is turned on, if the signal quality of the currently tuned RDS radio station decreases to a certain threshold due to entering another region, this device will automatically search for other transmission frequency points of the same station in the background. Once a better signal quality frequency point is found, it will automatically switch to that frequency to ensure uninterrupted listening of the same radio program. (Only with RDS models)

GENERAL OPERATION

TA ON/OFF

When TA turned on, the radio system continuously searches for emergency traffic information signs in the background. Upon receiving emergency traffic sign information, the device automatically switches from its current state to play the emergency traffic information. After playing the emergency traffic information, the device automatically returns to the previous state. (Only with RDS models)

USB port

The USB port for playing media from USB memory .

MIC

The MIC Used for voice or hands-free calls to receive sound .

Micro SD card port

The port for playing media from micro sd card memory .

Reset button

The Reset button is used to reset all factory settings parameters, When certain functions malfunction or are disabled, this function can be used to restore to factory settings .

Use a thin object with a small tip to press the RESET button over 3 second .

Set the clock(CLK)

- 1.To display clock time , press the CLK button .
- 2.To set clock time , press and hold the CLK button and the hour will flash.
- 3.Rotate the SEL button to adjust the hour.
- 4.Press the CLK button again and the minutes will flash then rotate the SEL button to adjust the minute.
- 5.Long press the CLK button again to exit the time settings .

Note: You can enter the settings through the mobile app, click on the time and date, and then click on automatic to immediately synchronize your phone time .

Chang the source (MODE)

Press the SRC button to switch between RADIO-BT(buletooth)-USB(with USB device inserted)-SD(with micro SD card inserted)-AUX (auxiliary input) modes .

MUTE ON/OFF

In power on mode , short press the MUTE button to toggle mute on or off , will be released when the volume knob is used .

AUX INPUT

The external audio source can be input into the AUX port through a 3.5mm jack, and the sound can be played and amplified through this device in AUX IN mode .

AMS

(For Radio mode:)

Short press AMS to browse 18 preset radio stations on FM1/FM2/FM3 bands
Long press AMS to automatically search for radio stations again, and